PHASE I ENVIRONMENTAL SITE ASSESSMENT

Proposed Magnolia Business Center
Former Clow Manufacturing Facility
1375 Magnolia Ave
Corona, California

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Executive Summary

Hazard Management Consulting, Inc. (HMC) is pleased to submit this Environmental Site Assessment (ESA) for the property referenced above in the City of Corona, California (Site) (Figures 1 & 2). This ESA was prepared to evaluate the Site for potential Recognized Environmental Conditions (RECs) that may be present and was conducted as part of your efforts to acquire and redevelop the Site with a new industrial building. The Site is located to the northeast of the intersection of Magnolia Avenue and El Camino Avenue, at 1375 Magnolia Avenue in Corona, California. The Site is identified as Riverside County Assessor Parcel Number 107-030-022-3 and covers approximately 16 acres. HMC prepared an ESA for the Site in 2020 and this report updates that previous assessment.

The Site is occupied by two divisions of McWane for manufacturing and distribution of fire hydrants, gaskets, clamps and related metal valves. Approximately 40% of the property was recently used for machining, product finishing and testing, and product storage. The remaining 60% includes asphalt-paved parking areas and unpaved areas. Since the date of the previous ESA, one division that stored fire hydrants and other materials for distribution has vacated the property and the remaining two divisions have continued to operate as previously noted and are in the process of vacating. There were no reports or signs of new spills or releases of hazardous materials since the prior ESA though as part of remedial work, an area of additional impact was discovered.

The Site is roughly triangularly shaped and located in a developing area that includes a mix of historic industrial, commercial and retail uses. The Site is relatively flat with an elevation of approximately 648 feet above mean sea level (msl) with a regional slope to the north northwest.

The Site is bound:

- to the north by a drainage feature referred to as Temescal Wash;
- on the east by Temescal Wash and Magnolia Avenue across which are industrial developments;
- to the south by Magnolia Avenue across which is a relatively new business park; and,
- to the west by El Camino Avenue beyond which is a shopping center.

Key findings of this Phase I ESA are as follows:

- The Site and Site vicinity were observed to have historically been part of a drainage feature from the earliest photographs available until the 1950s when the plant was first constructed.

- The Site has been used for metal forging and casting and more recently the manufacture of fire hydrants, gaskets, clamps and related products.

- The historic operations at the Site led to previous remedial efforts overseen by the RCDEH including removal of the former foundry waste, removal of sand blast residue, general site cleanup (1994-1995) as well as the removal and closure of four USTs (1993). No releases were found as part of the UST closure. The work was done to the satisfaction of the RCDEH and the current inspections by the County do not document continued concern. These items would be considered Historical RECs in our opinion with no further action necessary.

- As part of the operations, chemicals were used and released at the Site. The Site has been subject to a thorough fence line to fence line review and investigation by the DTSC through the Corrective Action Process (2000-present). This has included an evaluation of all of the suspect uses and features at the Site and involved soil, soil gas and groundwater.

- The investigation conducted by DTSC (2000-present) at the Site to date has found evidence of metals, PCBs and hydrocarbons in shallow soil at the Site at elevated concentrations. VOCs were not found to a concern in the subsurface and there was no evidence of groundwater impact from the Site. Due to the findings of PCBs t the Site, EPA ws notified as they have exclusive jurisdiction over PCB cleanups.

- The previous owners implemented a remedial plan for the Site as presented in the CMS Implementation report (CMSIR). The CMS identified excavation (AOC-7) and capping in place (AOC-1, AOC-5, and AOC-7) as the selected remedy. In addition,

a “Risk Based Application” (RBA) was prepared to present a remedial plan for the PCB cleanup which was approved.

- As part of the transaction, Clow implemented the work for the CMSIWP including capping AOC-1 and AOC-5 and recording of all the required documents so that the case will be considered closed. The field work was conducted between July and October 2021 and the asphalt cap put in place as documented in the CMSIR. DTSC approved the CMSIR dated October 25, 2021 with their letter dated April 14, 2022.

- During the field work described above, additional areas were found to contain PCBs in shallow soil. After notification was made to EPA, an investigation was conducted across the Site to assess the lateral extent of PCBs at the Site as presented in the report entitled PCB Soil Investigation Report dated October 29, 2021. The soil results related to PCB including supplemental sampling were summarized in a document titled Risk-Based Approval Application (April 25, 2022). It appears that foundry sand containing PCBs may have been used as fill in certain areas of the Site. Clow proposed to EPA that the previous approval described above be amended and that the “hot spots” be removed from the Site and all of the remaining soil containing PCBs be retained on Site under a TSCA Cap. The hot spot removal is currently planned for February 2023. The TSCA Cap would actually be the future building slabs and pavement sections. EPA approved the revised Risk Based Application on June 26, 2022.

- An LUC was recorded on Title which restricts certain sensitive uses such as residential, hospitals, day care and others, and requires any changes or disturbances to the Site be conducted pursuant to an approved Soil Management Plan (SMP) after notice is given to DTSC. Annual inspections are required with a report submitted to DTSC confirming the terms of the LUC are being complied with. The LUC will be revised and re-recorded upon completion of the pending field work.

- It is our understanding that your plans for the Site call for redevelopment of the Site with industrial buildings. This would entail demolition of all improvements at the Site and then grading of the Site including over excavation and recompaction of soil as necessary for geotechnical and civil specifications. Specifically, the existing cap at the Site would be removed and then replaced following the grading

as part of the development. Such work would in essence remove the cap from the Site and require notification to DTSC and EPA and must be conducted pursuant to the SMP and most recent Risk Based Application. This will specifically include that all PCB waste be managed under a TSCA cap which would include at least 6" of concrete. It is our understanding that your development will include 6" of concrete for foundations and truck courts and would in essence serve as the TSCA Cap.

- The SMP presents the procedures to be used to move and handle soil at the Site including procedures for stockpiling, monitoring for general health and safety concerns, requirements for either reuse on site or off-site disposal of impacted material and chemical testing requirements for potential import soil that may be necessary. The SMP presents the procedures to manage the known impacts at the Site on Site and also presents the procedures to be used to respond to potential unknown conditions. In addition to the general requirements of the SMP, grading at the Site will also be subject to AQMD Rule 1466.
- The buildings were reported to have been built in the 1950's through the 1960's during a time when asbestos was commonly found in construction materials. Suspect asbestos containing materials were observed at the Site including drywall, joint compound, ceiling tiles, vinyl floor tile, acoustic ceilings, and mastic.

Conclusions

We have performed a Phase I Environmental Site Assessment in accordance with ASTM E1527-13 Guidelines for the property located at 1375 Magnolia Avenue in Corona, California. The following REC was identified during this investigation:

- The Site has had releases of hazardous substances which are the subject of a current remedial action under the regulatory direction of DTSC and EPA. This includes metals and hydrocarbons in soil which were remediated as approved by DTSC. Future grading activities are subject to a SMP as well as the requirements in a Risk Based Application to address the PCBs present at the Site.

- There were also previous remedial actions taken including the removal of sand blast residue and the closure of four USTs by the County of Riverside. These

would be considered Historic RECs in our judgment. There were no Controlled RECs found.

While not an REC by ASTM standards, the buildings were reported to have been built in the 1950's through the 1960's during a time when asbestos was commonly found in construction materials. Suspect asbestos containing materials were observed at the Site including drywall, joint compound, ceiling tiles, vinyl floor tile, acoustic ceilings, and mastic.

Recommendations

Based on the findings of this ESA, we recommend the following:

- The Risk Based Application that was approved by EPA should be implemented to obtain a closure certification. Grading at the Site is subject to the SMP.
- The buildings to be demolished may contain asbestos and an asbestos survey will be necessary prior to any disturbance to ACMs so that such ACMs can be abated prior to demolition.
- The future development will be subject to the LUC, SMP and OM Plans which should be reviewed and followed during development. The LUC will need to be revised and re-recorded upon completion of Site development to reflect the updated Site conditions once the SMP And CAP is installed.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Clow Inc. Manufacturing Facility

1375 Magnolia Ave Corona, California

1. INTRODUCTION

Hazard Management Consulting, Inc. (HMC) is pleased to submit this Environmental Site Assessment (ESA) for the property referenced above in the City of Corona, California (Site) (Figures 1 & 2). This ESA was prepared to evaluate the Site for potential Recognized Environmental Conditions (RECs) that may be present and was conducted as part of your efforts to acquire and redevelop the Site with a new industrial building. The Site is located to the northeast of the intersection of Magnolia Avenue and El Camino Avenue, at 1375 Magnolia Avenue in Corona, California. The Site is identified as Riverside County Assessor Parcel Number 107-030-022-3 and covers approximately 16 acres. HMC prepared an ESA for the Site in 2020 and this report updates that previous assessment.

The Site is occupied by two divisions of McWane for manufacturing and distribution of fire hydrants, gaskets, clamps and related metal valves. Approximately 40% of the property was recently used for machining, product finishing and testing, and product storage. The remaining 60% includes asphalt-paved parking areas and unpaved areas. Since the date of the previous ESA, one division that stored fire hydrants and other materials for distribution has vacated the property and the remaining two divisions have continued to operate as previously noted and are in the process of vacating. There were no reports or signs of new spills or releases of hazardous materials since the prior ESA though as part of remedial work, an area of additional impact was discovered.

1.1. Objective

In accordance with the ASTM E 1527-13 Standard Practice for Environmental Site Assessments, the objective of the ESA is to assess, to the extent feasible under the standard, the likelihood that Recognized Environmental Conditions (RECs), as defined by ASTM, are present at the Site.

A Recognized Environmental Condition “means the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate

an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies" (ASTM Standard Practice E1527-13). Performance of a Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for Recognized Environmental Conditions in connection with a property, within reasonable limits of time and cost.

All Appropriate Inquires (AAI) as defined in the Final Rule (40 CFR, Part 312), must be conducted by persons seeking the landowner liability protections under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) prior to acquiring a property or seeking or receiving federal brownfields grants under the authorities of CERCLA. The purpose of AAI, as defined in the AAI Final Rule, is to identify releases and threatened releases of hazardous substances, which cause or threaten to cause the incurrence of response costs. The U.S. Environmental Protection Agency (EPA) has stated that ASTM Standard E-1527-13 is consistent with the Standards and Practices for AAI and is compliant with the statutory criteria for AAI.

1.2. Scope of Services, Methodology and Limitations

The findings of this ESA must be viewed in recognition of certain limiting conditions. The scope of work commissioned for this project does not represent an exhaustive study, but rather a reasonable inquiry, consistent with good commercial practice, in general accordance with ASTM Practice E-1527-13.

The scope of work for this ESA included the following activities:

- A site walk to document the current condition of the Site and neighboring facilities.
- Review of a regulatory database report.
- Review of previously prepared reports for the Site.
- Interviews with the current Owner of the Site and User of the report.

- Review of historical references including aerial photographs, city directories, Sanborn Maps and topographic maps.
- On-line research and file review requests concerning the Site and suspect off site sources at the State of California Regional Water Quality Control Board (RWQCB) and Department of Toxic Substances Control (DTSC) websites.
- Discussions with the regulators for the Site regarding the investigations conducted to date and remaining remedial issues.
- Review of records maintained by the Riverside County Environmental Health Department.
- Preparation of this report of findings.

In the course of this assessment, HMC has relied on information provided by outside parties, such as regulatory agencies, previous reports and interview sources. For the purpose of this assessment, such third-party information is assumed to be accurate unless contradictory evidence is noted, and HMC does not express or imply any warranty regarding information provided by third-party sources.

2. SITE DESCRIPTION

2.1. Site Setting

The Site is roughly triangularly shaped and located in a developing area that includes a mix of historic industrial, commercial and retail uses. The Site is relatively flat with an elevation of approximately 648 feet above mean sea level (msl) with a regional slope to the north northwest.

The Site is bound:

- to the north by a drainage feature referred to as Temescal Wash;
- on the east by Temescal Wash and Magnolia Avenue across which are industrial developments;
- to the south by Magnolia Avenue across which is a relatively new business park; and,
- to the west by El Camino Avenue beyond which is a shopping center.

Utilities at the Site are provided by:

- Electricity: Southern California Edison
- Natural Gas: Southern California Gas Company
- Water/Sewer: City of Corona

2.2. Regional Geology and Hydrogeology

The geology and hydrogeology were identified in the report titled Addendum to Preliminary Endangerment Assessment and Facility Investigation (Environmental Support Technologies, July 24, 2003) and excerpts are provided below:

Regional Geology

The Site is located in Riverside County within the Corona-Elsinore Trough, a graben-like-valley that extends from Corona to Elsinore. The Corona-Elsinore Trough is located within the Peninsular Ranges geomorphic province. The Santa Ana Mountains and the Elsinore Fault Zone bound the Corona-Elsinore Trough on the southwest. The Gavilan Hills, part of the Perris Block, bounds the Corona-Elsinore Trough on the northeast. The Site is situated on the northeast edge of the alluvial fan surface that slopes gently from the Santa Ana Mountains, extending northeasterly through Corona toward Temescal Wash. Temescal Wash is approximately ½ mile southeasterly of the Site.

Local and Site Geology

Surficial materials at the Site are comprised of Holocene Older and Younger alluvium and bedrock. The younger alluvium consists of unconsolidated sand, gravel, and silt associated with the intermittent Temescal Wash. The active channel for the Temescal wash bounds the northeast portion of the Site and flows to the west as a cemented flood channel. The older alluvium consists of semi-consolidated buff to dark brown, sand, gravel, and silt associated with the alluvial deposits upgradient (south) of the Site. The bedrock consists of siltstone units possibly associated with the Miocene-Puente formation and weathered metamorphosed volcanic rock (Santiago Peak Volcanic). The siltstone is exposed in the hills located immediately south of the Site at 750 feet above mean sea level (msl). Crystalline bedrock thought to be Corona Hornblende Granodiorite Porphyry crops out in the foothills approximately 3 miles south of the Site.

Previous consultants investigating surrounding properties identified layers of gravelly sand (1-5 feet below ground surface [ft bgs]), sand and silty clay (20-30 ft bgs), gravelly sand (25-40 ft bgs) and clay 55-60 ft bgs). Drilling refusal has occurred several times at approximately 20 ft bgs indicating the presence of dense consolidated silty clay and gravelly material at that depth. Multiple dense, laterally discontinuous clay lenses have been reported to occur between 40-50 ft bgs, 62-81 ft bgs, and 90-103 ft bgs (AESI, 2002). Investigations conducted on-Site encountered sand and gravel mixtures with refusal on cobbles occurring commonly.

Local Hydrogeology

Groundwater depths in the vicinity of the Site have been reported to range from 23-28 ft bgs and from 42-47 ft bgs (AESI, 2002), presumably as perched layers related to the clay layers described above. The regional aquifer is reported to start at 124 ft bgs. Recovery depths of groundwater in Corona municipal wells in the early 2000's were approximately 190-193 ft bgs. In addition, a westerly gradient was observed following the overall direction of discharge from the Temescal River to the Santa Ana River. Groundwater was also estimated to be approximately 45 ft bgs traveling into the gravely Temescal Wash downgradient of the Site (AESI, 2002). Groundwater beneath the Site was encountered at approximately 47 ft bgs in coarse granular material composed of sand and gravel (Fero, 2006b).

In addition, the groundwater beneath the Site is identified as Temescal Hydrologic Sub Area within the Middle Santa Ana River Basin with beneficial use designations including municipal and domestic supply (MUN), agricultural supply (AGR), industrial service supply (IND), and industrial process supply.

3. INTERVIEWS AND USER PROVIDED INFORMATION

The User of this report is Western Realco who is looking to acquire the Site and would be considered a "User" of the report per ASTM definitions. We requested all available information from the User and were provided a Preliminary Title Report and access to select investigation documents. We were able to interview Mr. Jeremy Mape of Western Realco who indicated his firm has no unique knowledge or background on the Site and is aware there is ongoing environmental remedial action as it was disclosed by the seller.

They are paying full market value for the Site with an understanding of the known environmental conditions.

3.1. Title Records

A Title Report (Report) prepared by Ticor Title Company dated November 5, 2019 was provided to HMC for review. The Report stated that Title was vested in McWane Inc. The report included information regarding tax obligations, mortgage liens, easements for various utilities and related matters but did not contain any information of an environmental nature.

3.2. Owner/User Knowledge

We interviewed Ms. Tiffany Smith who provided an overview of the Site operations and led Mr. Cousineau of a tour of the facility and also answered all of our questions. We were also able to discuss the Site with Mr. Larry Bowers of McWane (Corporate Parent of Clow) who also provided with copies of the various investigatory documents prepared for the Site as listed in the references herein as well as certain permits and records included in Appendix C.

3.3. Environmental Liens or Activity and Use Limitations

A Land Use Covenant (LUC) recorded on Title for the Site. There is a draft LUC that is currently being finalized and will be recorded against Title upon completion of the outstanding remedial actions. A copy of the LUC is included in Appendix C.

4. SITE USE AND HISTORY

Past usage of the subject Site was assessed through a review of historical aerial photographs, topographic maps and an EDR search of city directories and prior reports. Sanborn maps were generated for the Site.

4.1. Aerial Photograph Review

Aerial photographs covering the Site were obtained from Environmental Data Resources, Inc. (EDR). Photographs were available from the period 1931 through 2016. Copies of the aerial photographs are included in Appendix B. A summary of the observations noted from the aerial photographs are as follows:

1931-53 In the photograph from 1931, the Site and immediate Site vicinity were noted to be open undeveloped land. The Site appeared to be in a drainage wash with a road in the current location of Magnolia present to the south. South southwest of the Site across Magnolia was a lowland that appeared to have been filled over time and was used as a landfill. Agricultural uses were noted to the northeast, northwest and west of the Site.

1959 The photograph from 1959 shows the first development of the Site with a single industrial building located in the center of the Site. Limited development was noted west and northeast of the Site.

1961 A small addition to the building was noted along the east and what appears as a small guard shack was noted along the southwest side of the Site. Industrial developments were noted to the west and northeast of the Site.

1967 Significant changes had occurred on Site since the previous photograph including/ the addition of numerous buildings to the north and east of the initial building. The office building along the southeast was in place and outdoor storage was taking place along Magnolia. No significant changes were noted in the Site vicinity.

1975-94 Significant changes to the Site were not seen in this photograph. The adjacent wash was channelized between the time of the 1975 and 1985 photographs.

2006 No significant changes were noted at the Site though several changes were noted in the Site vicinity including the construction of a business park to the south of/ the Site and the conversion of the industrial facility to the west into a shopping center.

2009- 2016 No significant changes were noted at the Site or the Site vicinity other than continued development of commercial/industrial facilities in the vicinity of the Site.

4.2. Topographic Maps

Historical topographic maps were also reviewed as part of this effort and aided in interpreting the overall Site history. Although, no specific observations were made from

the review of these maps with the exception that the property south of the Site that was noted to have been filled over time was labelled on the 1954 topo map as “city dump”, confirming that it was a landfill.

4.3. Sanborn Maps

Sanborn maps are maps that were created for the insurance industry to document site activities in metropolitan areas of the country and were used in underwriting. They often times contain detailed information about a site. While they were prepared for insurance underwriting and were not environmental maps per se, they often times contain information that is useful in evaluating the historical use of a site. Sanborn maps were not available or prepared for the Site.

4.4. EDR City Directory Review

EDR performed a search of the City Directory records for the Site addresses provided at the initiation of this Phase I ESA and nearby properties at approximately five-year intervals. Review of this report yielded the following findings:

1970:	Rich Valve Company
1977:	Clow Corp and Rich Valve Co and Rich Mfg Co of Cal
1981:	Rich Mfg Co of Calif & Rich Valve Co.
1990:	Clow Valve Co
1993:	Clow Valve Co, Clowus
1996	Clow Valve Co, Mercury Rubber Products, Pacific States Cast Iron Pipe Co, Powerdrill
2001	Clow Valve Co, Iron Pipe Co
2002	Clow Valve Co, Pacific States Cast Iron, Pipe Co.
2005	McWane Inc.
2010	M H Valve Ca

4.5. Preliminary Endangerment Assessment

As part of the corrective action investigation conducted at the Site as described in Section 5 below, a Preliminary Endangerment Assessment (PEA) was prepared for the Site by EST in 2004. The PEA is the first step in the CA process and is similar to a Phase One ESA in that it reviews the historical, current and neighboring uses to assess whether there are areas of/ concern at the Site that would require further evaluation. The following historical summary was obtained from the PEA.

American Foundry used the property during the 1950s to manufacture iron pipes and fittings. An aerial photo from this time period shows only what appears to be the former brass foundry building onsite. Rich Manufacturing (Rich) occupied the property in 1960 and continued iron pipe construction. Rich erected two new buildings (the machine shop and the former iron foundry (Current ANACO Building), and operated the foundries and machine shop until approximately 1970.

Clow purchased the property in 1972 and began to manufacture fire hydrants and associated equipment. The fueling operations in the rail-spur area were discontinued in the late 1970's. Clow shut down the iron and brass foundries in 1982 and most equipment was removed from the iron foundry; however, brass foundry operation was restarted in 1983. McWane, Inc. (McWane) purchased Clow in 1985 and assumed ownership of the property and facility.

The brass foundry was shut down in 1991 and only assembly and warehousing operations were performed from 1992 through 1995. The four USTs were removed in December 1993 . Foundry sand, shallow excavated soil, bag-house dust, and the test pond were removed during July to October 1994. Berms were placed around areas of concern identified by county inspectors in 1994. Six (6) large transformers were removed in 1997 and replaced with four (4) new dry-type transformers. The asphalt dip tank was removed in approximately 1997. Stormwater pollution control devices were installed in2001.

Clow currently machines, assembles, pressure-tests, and paints fire hydrants, valves, and associated equipment only on the western portion of the property. The unused foundry buildings, small offices, and open areas at the eastern and northern portions of the site have since been leased to a succession of tenants. The former iron found1y building was occupied by DH Enterprises, an automobile tire recycler. Used tires would

be delivered to the site in large steel bins, shredded into bins, and then shipped out via truck. The former iron foundry currently houses ANACO, a pipe fitting manufacturer.

The former brass foundry building was partitioned in half, with the eastern po1tion used by Clow as a product storage area, and the western portion housing Tyler Pipe Shipping. The Tyler Pipe Shipping operation consists of an office and outside storage of large-diameter cast piping. Uncovered and plastic-wrapped pipe fittings are stored on wooden pallets and are periodically loaded onto trucks using a propane-powered forklift.

The southern comer portion of the property with the small office building was occupied by Mercury Rubber during the 1980 's. Used automobile tires were stored and shredded on this portion of the site, then shipped out. After the Mercury Rubber facility was abandoned by its operator, Clow removed the tires and equipment.

4.6. Summary

The Site was historically undeveloped land until construction of the first building on site in the 1950s. The Site expanded through the 1970s to the current configuration of the Site. The Site vicinity was similar with some industrial developments noted in the 1950s with expansion over time. A landfill was noted to the south of the Site.

The Site was originally developed for the production of iron pipes and connections by American Foundry in approximately 1950 (AESI, 2002). In 1960, Rich Manufacturing of Los Angeles acquired the property and moved their iron pipe manufacturing business to the Site, adding additional structures in 1967 for a machine shop and brass foundry. Clow Valve, acquired Rich Manufacturing Company of Corona in 1972. In 1985, McWane, Inc. purchased all of Clow Corporation's stock and Clow became a wholly owned subsidiary and eventually operating division of McWane.

5. REVIEW OF ENVIRONMENTAL INVESTIGATIONS AND REMEDIAL PLAN

The Site operated as a manufacturing facility for many years generating and disposing of hazardous waste. The Site has been regulated since the 1980s initially by the County of Riverside Department of Environmental Health (RCDEH) and also the California Department of Toxic Substances Control (DTSC).

The County is the Certified Unified Program Agency (CUPA) for Riverside County and oversees facilities that generate hazardous waste including UST permitting and Site investigations. The County required site cleanup activity beginning in 1989 and oversaw removal and cleanup activities at the Site in the early 1990s and also oversaw the closure of USTs in 1993. They later responded to a fire at the facility that led to removal of waste and soil sampling and continue to conduct compliance inspections at the facility.

DTSC oversees facilities where hazardous waste treatment, among other activities, occurs and the facility did maintain a permit to treat certain waste streams at the Site thus bringing the facility under the regulatory oversight and closure of DTSC. DTSC conducted a compliance inspection in 2000 and determined that releases of hazardous waste had occurred at the Site and required a Site Investigation to be conducted under their "Corrective Action" process. At this point, the oversight of subsurface investigations transferred to DTSC. DTSC entered into a Corrective Action Consent Agreement (CACA) with Clow and oversaw a series of investigations at the Site that concluded with a Corrective Measures Study (CMS) laying out the proposed remedial plan for the Site. That plan was about to be implemented at the time of this ESA.

Copies of select figures and tables from these investigations are presented in the Figures Section of this report with copies of information from the County Files and most recent reports to DTSC presented in Appendix C and D respectively.

5.1. County of Riverside

The initial investigations conducted at the Site were overseen by the RCDEH beginning with inspections of the facility in 1982. Many issues noted related to the historic foundry activities which were closed but wastes remained in place as well as the then current operations of Clow. Several violations were noted including stockpiles of foundry waste which were suspect as being hazardous, metal containing dust on the concrete floors, storage practices for chemicals in use on Site, a settling pond that was noted to contain hydrocarbons and what was thought to be metal containing waste, USTs that were not in compliance with UST regulations among other requirements. In 1993, the RCDEH directed the facility to remove the stockpiles and other waste materials, close the pond, permit or remove the USTs, sample and remove any area of impacted soil, modify

housekeeping practices and oversaw the implementation of this directive through 1994. Copies of the relevant files from the RCDEH files are included in Appendix C.

Underground Storage Tanks

The Site formerly maintained four Underground Storage Tanks (USTs) which were used for the storage of automotive fuel and oil. The USTs were removed in 1993 under oversight and direction of the County Fire and Health Departments. There was no evidence of a release noted and soil samples collected upon removal of the USTs were not reported to contain contaminants of concern. The Health Department approved closure of the USTs and no further action was required. A copy of this approval is included in Appendix E.

Foundry Waste & Sandblast Material Cleanup

As part of their inspection, the County noted numerous areas where site cleanup was required as noted above. The stockpiles of foundry sand was profiled and disposed of off-site. The surface dust and metal containing materials were swept up and consolidated before being disposed of off- site as was the impacted soil noted in these areas. All of the material in the pond was also removed along with the other requirements of the County. This work was completed in 1994 and 1995 to the satisfaction of the County as noted in a subsequent inspection in 1996. The County conducted subsequent inspections and accumulation of sand blast debris was also noted as an issue to correct through 2010. More recent inspections noted no compliance matters and the facility was run with no housekeeping areas noted.

However, in 2001 during repair work for a sewer line, evidence of diesel containing soil and foundry waste were observed. This was concurrent with activities of the DTSC related to a permit maintained by the facility and a compliance inspection being conducted by DTSC. The oversight role for subsurface investigations transferred to DTSC as described below in section 5.2.

Hazardous Waste Storage Area Fire

A fire broke out at the Site in 2010 which was responded to by the County Fire Department and Environmental Health Department. After the fire was put out, the materials were removed and samples of the underlying soil was collected with no evidence of impacts to the shallow soil or storm drain noted.

5.2. Department of Toxic Substances Control Investigations

In addition to the County, the Department of Toxic Substances Control (DTSC) also required, and is currently overseeing, a site characterization and remediation of the Site. In October of 2000, the DTSC conducted a Compliance Evaluation Inspection at the Site as part of hazardous waste treatment permit issued to the Site and determined that there may have been potential releases of hazardous waste into the environment from the abandoned rail spur area (SWMU 1), the chip storage area (SMWU 2), and the area adjacent to the pressure test area (SWMU 3). DTSC determined that further investigation was required to determine the nature, constituents, and extent of the release. A Corrective Action Consent Agreement (CACA) was prepared for the Site on October of 2001 and was subsequently revised on March 6, 2002.

As required by the CACA, a Preliminary Endangerment Assessment (PEA) and Facility Workplan were prepared for the Site. A PEA is generally similar to a Phase One ESA and is designed to evaluate the Site for potential releases of hazardous substances and evaluate the context and significance of those releases. The PEA identified the following nine (9) areas of concern (AOC) at the Site (see Figure 3):

- AOC-1 – Rail Spur Area (including area of diesel impact)
- AOC-2 – Chip-Bin Storage Area
- AOC-3 – Water Pressure Test Area
- AOC-4 – Former Iron Foundry Sand Cleanup Area
- AOC-5 – Oil-Stained Pad (eastern portion of AOC1)
- AOC-6 – Former Asphalt Dip Tank
- AOC-7 – Transformer Area 1
- AOC-8 – Transformer Area 2
- AOC-9 – Former Test-Pond (filled)

An investigation was conducted at the Site to evaluate whether releases had occurred from these AOCs.

Based upon review of the results, DTSC determined that interim measures were necessary due to the presence of a stockpile of dry, unconsolidated foundry sand waste located in the Rail Spur Area (AOC-1). The removal of the stockpile in AOC-1 was identified in the revised PEA because characterization results indicated elevated levels of copper, lead and zinc, but also to provide access to the area for sampling and further evaluation of potential soil impact to the native soil below. A document titled Interim Measures Work Plan (IWMP) dated January 13, 2005 to address the removal of the foundry sand stockpile was prepared as required by the DTSC. The IMWP evaluated the various interim measures that could potentially be used to mitigate the impact of potential contaminant dispersion arising from the stockpile foundry sand on-Site. Excavation and subsequent off-site transport was selected as the most feasible interim remedial measure.

The stockpiled material was removed from the Site in June of 2005 and approximately 393 cubic yards was transported to Chemical Waste Management's Kettleman City, facility for disposal.

A soil and soil gas sampling investigation was subsequently conducted in June and July of 2005 and the results were provided in a document titled Preliminary Summary of Site Assessment Results and Proposed Further Assessment (November 29, 2005). DTSC provided comments on the report and, as a result, EST prepared an Addendum Report – Summary of Site Assessment Results Clow Valve dated July 28, 2006. Clow replaced EST with Fero Environmental Engineering, Inc. (Fero) as the consultant for the Site.

Fero subsequently prepared the Further Investigation Workplan in order to further define the vertical and lateral extent of subsurface impacts as needed based on the previous EST reports as well as incorporation of DTSC comments. Therefore, in September 2006, Fero conducted soil sampling activities at AOC-1, AOC-2, AOC-3, AOC-5, and AOC-7. To address further DTSC comments, Site wide near surface soil sampling was also conducted, including an unpaved storage area not previously sampled, to address the concern related to the potential occurrence of metal impacted fill material that may have been used on-Site. In addition, one groundwater well was installed at AOC-1 to facilitate groundwater sampling. Results from this investigation were provided in a document titled Report of Findings (Fero, December 18, 2006).

Clow attended a meeting with the DTSC in February of 2007 to discuss future Site remediation activities. In a follow up letter, Fero discussed how remediation efforts were not anticipated prior to February of 2008 (Fero, February 8, 2007). In addition, the letter also discussed groundwater sampling results from their 2006 investigation, which showed a low level of TCE (1.43 ug/L, which is below the Maximum Contaminant Level of 5 ug/L) in groundwater beneath the Site. Given the absence of any chlorinated solvent use at the Site, the letter postulated that the TCE detection may be the result of an off-site source. Subsequently, groundwater monitoring was conducted on a quarterly basis from the fourth quarter of 2006 (reported in October 2006) to the second quarter of 2008 (reported August 2008). TCE has not been detected since April of 2007.

In 2010, Clow submitted a letter in response to the DTSC's inquiry regarding the discovery of an area of foundry sand fill in AOC-4. This area was identified during a sewer line replacement project in a paved area just north of the Anaco building. The stockpiled material was sampled and was characterized as hazardous for lead and approximately 60.5 tons was transported to Beatty, Nevada for disposal. This letter also addressed the status of the Site remediation and redevelopment. McWane explained that the project was "on indefinite hold pending recovery of the local Corona economy" as stated in the CMW.

In October 2015, Clow restarted the stalled process due to the economic uncertainty associated with Site redevelopment. Clow subsequently contracted with EarthCon to assist with restarting the process and preparing a Site Corrective Measures Study in the absence of site redevelopment. EarthCon and Clow met with the DTSC on March 15, 2016 to provide an overall project update and identify a path to move forward as requested. EarthCon evaluated the previous environmental activities, site assessment investigations, and the associated analytical results.

In February 2017, two additional groundwater monitoring wells were installed on-Site. Installation of these wells allowed for calculation of the Site-specific groundwater flow direction and gradient to confirm that the existing well (MW-1) is appropriately positioned to evaluate potential groundwater impacts related to the former TPH-d release at AOC-1. Groundwater monitoring events were conducted in March 2017 and subsequently in May 2017. Groundwater samples reported concentrations of various compounds below their associated MCLs with the exception of arsenic (March 2017 event only). However, the arsenic concentrations reported in MW-1 through MW-3 are within

the local background arsenic concentrations. Therefore, it was determined that groundwater would not be incorporated into the overall scope of this CMS.

The DTSC requested further vertical delineation of soil impacts at locations where previous investigations had encountered difficult drilling conditions and refusal of the drill string and associated sampling equipment. Therefore, soil borings were advanced at the former sample locations SW6 and CV-BG2 and analyzed for metals and two borings were also advance in AOC-1 and soil samples were analyzed for lead. The metal concentrations in the soil samples were not reported above their associated criteria.

McWane then directed the preparation of the remediation related documents. As part of preparation of the remedial plan for the Site, supplemental investigations were conducted through 2019 and all datagaps were addressed. DTSC has not required any further characterization efforts and considered the Site characterization complete.

5.3. Proposed Remedial Plan for the Site

The historical data, Human Health Risk Assessment, and current Site operations were used to prepare a CMS for the Site (EarthCon, 2018). The CMS identified that excavation (AOC-7) and capping in place (AOC-1, AOC-5, and AOC-7) as the selected remedy. However, due to the presence of PCBs at AOC-7, additional Site assessment activities were conducted in July 2018, October 2018, and January 2019 under the oversight of the USEPA. The USEPA also required that further assessment of potential PCB impacted soil would be evaluated at AOC-3 and AOC-6 as well. The results were summarized in a document titled Risk-Based Approval Application 40 CFR 761.61 (c)(1) (EarthCon, 2019).

Based on the results from the PCB related Site assessment activities, EarthCon recommended that rather than excavating PCB-impacted soil at AOC-7 that the Site remained capped, with the existing concrete cap having the ability to protect industrial workers from exposure to PCB concentration in the underlying soil. In a letter dated April 23, 2019, the USEPA approved the application with the conditions including preparation of the following: Deed Restriction, Operations and Maintenance Plan, and Soil Management Plan and a PCB Cleanup Report. EPA also required that if the cap were ever removed, soil containing PCBs greater then 15 ppm must be removed from the Site.

Upon receipt of the approval letter from the USEPA, the DTSC approved the CMS in a letter dated May 16, 2019. As noted previously, excavation of AOC-7 is no longer

required. Therefore, an engineering control (capping system) along with institutional controls (See Section 4.3) were the selected remedy for the Site. Copies of the CMS and PCB Plan approval letters are included in Appendix E.

DTSC approved the remedial plan. As part of the real estate transaction, Clow agreed to complete all pending work for the CMSIWP including capping AOC-1 and AOC-5 and recording of all the required documents so that the case will be considered closed. The field work has been completed and the asphalt cap put in place as documented in a report entitled Corrective Measures Implementation Report.

During the field work described above, additional areas were found to contain PCBs in shallow soil. After notification was made to EPA, an investigation was conducted across the Site to assess the lateral extent of PCBs at the Site as presented in the report entitled PCB Soil Investigation Report dated October 29, 2021. It appears that foundry sand containing PCBs may have been used as fill in certain areas of the Site. Clow has proposed to EPA that the previous approval described above be amended, the hot spots removed and all of the remaining soil containing PCBs be retained on Site under a TSCA Cap in their revised Risk Based Application dated April 2022. The TSCA Cap would actually be the future building slabs and pavement sections. EPA approved the Risk Based Application on June 29, 2022. The LUC will be updated and recorded upon completion of the field work.

5.4. Future Obligations

The remedy for the Site is to cap the hazardous materials in place below an asphalt cap (completed) and the PCB wastes under a TSCA Cap. The TSCA Cap will be the future building slabs and pavement areas. The Site will have a LUC recorded on title that restricts certain sensitive uses such as residential, hospitals, day care and others, and requires any changes or disturbances to the Site to be conducted pursuant to an approved SMP after notice is given to DTSC and EPA. Annual inspections are required with a report submitted to DTSC confirming the terms of the LUC are being complied with.

The SMP presents the procedures to be used to move and handle soil at the Site including procedures for stockpiling, monitoring for general health and safety concerns, requirements for either reuse on site or off-site disposal of impacted material and chemical testing requirements for potential import soil that may be necessary. The SMP presents the procedures to manage the known impacts at the Site on Site and also

presents the procedures to be used to respond to potential unknown conditions. The future development will be subject to the SMP.

In addition to the general requirements of the SMP, grading at the Site will also be subject to AQMD Rule 1466. We recommend that you plan on encountering some surprises during grading which will require off-site disposal of soil.

6. SITE RECONNAISSANCE

Mr. Mark Cousineau of HMC conducted a Site and Site vicinity reconnaissance on December 10, 2019 and then again on March 19, 2021 and most recently on November 9, 2021. The reconnaissance was conducted in order to identify visible evidence of REC's at the Site and to assess possible conditions off Site that may impact the Site. We met with Ms. Tiffany Smith, Environmental Health & Safety Manager for the facility on the first two occasions who led us on a property tour and with Mr. Rene Carillo for the final . Since the date of the first ESA, the only significant change was that one of the tenants on Site, Tyler Union had vacated and removed all of their product. There was no evidence of new chemical spills, releases or change in operations noted from the prior reconnaisance.

The Site is an active manufacturing warehousing and distribution facility for two separate McWane divisions who operate at the Site. They include:

Clow Valve Company: primarily manufacture fire hydrants and water valve assemblies;

Anaco: Manufactures rubber gaskets and connections;

Tyler Union: Formerly operated on Site and distributed metal pipe, valves and related product. They have vacated the Site since the date of the prior ESA.

A layout of the facility is presented in Figure 3.

The facility is triangular shaped bordered on the northern and eastern side by the Temescal Wash and the southern side by Magnolia Avenue. El Camino Avenue borders the Site on the west. The Site is fenced with access off of Magnolia and a secondary access

off of El Camino Avenue. Along the front entrance is a parking area and corporate offices. East and west of the entrance is being used for product storage.

Clow Valve Company

Separating the front corporate offices from the manufacturing areas is a large asphalt paved area. Clow Valve primarily operates north of the corporate building along the eastern side of the Site in two large metal sided buildings. Their operations include taking castings and shot blasting the rough casting to a smoother surface, painting of the product and then assembly and testing of the finished product. Product was noted being stored along the eastern side of the Site between the building and property boundary. Inside the buildings were hydrants in various stages of the process along with shot blast booths, paint booths, drying ovens and assembly areas. Chemicals noted included paints and thinners, oil and lubricants. Chemicals were stored on secondary containment and/or flammable cabinets. Minor staining was noted on the ground surface. In addition, several compressors were present with no significant staining or blowdown present.

To the west of the Clow operations was an outdoor area that contained a fenced transformer area. This area is the subject of the PCB Investigation and is currently capped with concrete. North and west of the transformer area is a metal sided building used for warehousing of product. Product was also noted as being stored outdoors in the front of this building.

Tyler Union

Tyler Union is a distributor of metal pipe, hydrants, valves and related products. They were formerly located along the southwestern portion of the Site. Their operations were limited to product storage in outdoor areas and loading and unloading of material. No chemical use or operations were noted during the first reconnaissance. As of the date of the second inspection, they had vacated and were no longer on Site. All of their product and equipment had been removed and there was no evidence noted of new stains or chemical releases since the date of the prior inspection.

Anaco

Anaco is a manufacturer of rubber gaskets, clamps and screws and operates along the western and northern portions of the Site. Anaco's operations includes a warehouse located west of the Clow warehousing area. Along the eastern side of the warehouse is

a hazardous waste storage area as well as a wastewater treatment plant. The waste storage area was bermed and no significant stains were noted.

To the north of the Anaco warehouse is a recently paved area that is the location of the AOCs that were part of the remedial action. Along the western side of the site is an open area used for product loading and storage.

The main manufacturing operations for Anaco are along the northern portion of the Site in the Anaco Production Plant also known as Building 2A. As noted, operations include manufacture of screws, gaskets and clamps. The screw making department involves steel in thin bar stock which is fed through screw manufacturing machines to create the finished product. The gaskets are manufactured by taking rolls of rubber and cutting the rubber into specialized forms. The clamps are manufactured from aluminum coil which is cut and slit into desired sizes and then coiled and a screw added to tighten.

The operations were orderly and housekeeping was well maintained. Chemicals used included oils and cleaning products which were stored on secondary containment or in flammable cabinets.

Selected photographs illustrating the property and nearby off-site conditions are included in Appendix A. Summaries of the Site and observations are detailed below.

Description and Use of Site:	The Site manufacturing facility used for the production, warehousing and distribution of fire hydrants, gaskets, clamps and related products.
Underground and Aboveground Storage Tanks:	There were no USTs present at the Site. Several ASTs were noted in the production areas.
Hazardous Materials, Hazardous Wastes or Petroleum Products:	Chemical use was included oils, thinners and paint. Lubricants and cleaning products were noted. Chemical waste was noted at satellite storage areas as well as a central hazardous waste storage area.

Drains, Drain lines and Sumps:	There were several filled in concrete sumps noted from the historic uses. There were no subsurface drains noted and the wastewater treatment system was noted to be self-contained. Stormwater drainage was into drop structures and swales into the regional storm drain system.
Pits, Ponds, Lagoons	No ponds, pits, or lagoons were seen at or near the Site.
Industrial Wastewater:	Wastewater generated at the Site as part of the manufacturing process is treated by a self0contained waste water treatment system with no reported discharge.
Stains:	Only minor staining was noted reflective of historic operations with no significant staining suggesting new releases noted.
Wells:	There were no monitoring wells noted at the Site.
Transformers:	Several transformers were noted at the Site. No staining was observed in the vicinity of these features.
Other Features:	As noted above, there were several areas of patched concrete from historic manufacturing operations.

6.1. Site Vicinity

The Site is located in an area zoned by the City of Corona for industrial use and is bound:

- to the north by a drainage feature referred to as Temescal Wash;
- on the east by Temscal Wash and Magnolia Avenue across which are industrial developments;
- to the south by Magnolia Avenue across which is a relatively new business park; and,
  to the west by El Camino Avenue beyond which is a shopping center.

7. REGULATORY AGENCY DATABASE RESEARCH

Regulatory agency database information was obtained from a standard radius Site Assessment (ASTM) report by Environmental Data Resources, Inc. The center of the search was in the approximate center of the Site. Search distances for specific databases were one-quarter to one mile as specified in the ASTM 1527-13 standard. The database search includes over 70 federal, state, local, and proprietary records. A complete copy of this report is included in Appendix B.

7.1. Database Records Concerning the Target Property

The Site was listed on the following databases in the EDR report:

Name	Lists	Comments
Clow Valve	AST, CERS Hwaste, Tanks, EMI, WDS, CIWQS	General listings of chemical use, storage and disposal from the Site. No information regarding spills or releases.
DF Equipment	Haznet	Evidence of off site disposal of hazardous waste but not a release.
SoCal Edison	Haznet	Evidence of off site disposal of hazardous waste but not a release.
Clow Valve & Anaco	FINDS	Listings were for Air discharges.
Rich Mfg	SEMS Archive	No specific info listed
Magnolia Ave Waste Tire Site	RGA-LF	Facility was off site
Mercury Rubber Products	RGA-LF	Facility was off site
Anaco	RCRA-SQG, AST	General listing of chemical storage but no reference to a spill or release.

These listings reflect that hazardous waste was generated but do not reflect releases of hazardous substances and would not be considered RECs.

7.2. Database Records Concerning the Site Vicinity

We reviewed the database report for off-Site potential sources within the relevant search distance. In review of the many entries on the database, we reviewed the following factors that affect the ability of a facility to affect the Site:

- Distance from the Site,
- Location from the Site with regard to the direction of groundwater flow,
- Nature of the release and whether the release has affected soil, groundwater or both,
- Status of the investigation (e.g. open or closed)

Groundwater was noted to flow in a west northwesterly direction below the Site, therefore facilities located adjacent to or to the east were further considered. Only those facilities judged using these factors are discussed below.

The following presents a summary of our findings:

Name	Address	Dist	Dir	Lists	REC	Rationale
Advanced Fuel Filtration	1461 Magnolia	462'	NE	SEMS, PRP, ICIS	NO	Removal action, no investigation required.
Indiana Auto Wrecking	14800 E 6th Street	291'	NE	CERS HWaste	NO	Not listed as a site with spills or releases.
Optimum Wellness & Longevity	1315 Corona Pointe	356'	WNW	RCRA Nongen	NO	No indications of a spill or release
Petes Road Service	866 El Camino Ave	493'	NNW	RCRA Nongen	NO	No indications of a spill or release
Office Depot	1160 El Camino	449'	WSW	RCRA Nongen	NO	No indications of a spill or release
Jacks Chevron	1315 Magnolia	306'	SW	Cers HWaste, Tanks, CHMIRS	NO	The facility is a service station downgradient of the Site with no record of a spill or release.
Corona Disposal Site, Sherborn	Magnolia & Compton	Adj	S	SWF/LF, CERS	NO	The facility is a former landfill located

Magnolia Drum Site						downgradient of the Site.
FRS Environmental	1414 E Sixth	890'	N	HWT	NO	No indications of a spill or release
6th & Corona	1436 E 6th Street	931'	N	SEMS	NO	No indications of a spill or release
National Certified fabricators	1525 E 6th	1319'	NNE	CERS Hwaste, Haznet	NO	No indications of a spill or release
Trim Manufacturing	1433 E 6th Street	1074'	N	Rcra Nongen	NO	No indications of a spill or release
Extrumed Inc	547 TRM Circle	1246'	N	CERS HWaste, CIWQS	NO	Listings were for chemical use and stormwater permit but no records of a spill or release

Orphan Sites

Orphan Sites are those properties that are included on various agency lists, but for which the records do not have sufficient address information for the database program to map the site. No orphan sites identified appear to be in the Site vicinity.

7.3. Summary of Off-Site Issues

Based on the review of the available regulatory information, the Site is located in an area with history of industrial uses and landfill operations. Several facilities were identified to store and use hazardous chemicals and have had releases but none were close enough or in the correct orientation to be considered an REC to the Site.

8. LOCAL AGENCY AND OTHER RECORDS REVIEW

8.1. Tribal Records

The Site is not located in a tribal area therefore there were no tribal records to review.

8.2. Oil and Gas Wells

The State of California Department of Conservation, Division of Oil, Gas, and Geothermal Resources online mapping website was reviewed for the location of active, plugged, or

abandoned oil and gas wells in the vicinity of the Site. No oil or gas wells were listed as having been drilled on Site.

8.3. State of California

The State of California Geotracker and EnviroStor websites were also reviewed for information on potential on or off-Site facilities that are being remediated under either RWQCB or DTSC oversight. No active cases were listed on these databases that were not listed in the EDR review. As previously noted and described, DTSC is providing regulatory oversight for the ongoing cleanup of hydrocarbons and metals at the Site.

8.4. Riverside County Department of Environmental Health

HMC requested a review of records of the Riverside County Department of Environmental Health. Files were found responsive for both address at the Site and copies are included in Appendix C. The Health Department is the Certified Unified Program Agency (CUPA) who oversees facilities that generate hazardous waste and periodically inspect such facilities. The County had two separate files including files related to the inspections the conducted and cleanups they oversaw as previously mentioned and also a file on the ongoing cleanup being overseen by DTSC previously discussed.

As noted above in Section 4, the County oversaw three cleanup efforts before DTSC involvement. These included:

- Overseeing the closure of USTs in 1993 with no evidence of a release found and closure granted; and,
- Overseeing the removal of sand blast material that had built up at the Site in 1994 in 1995.
- Responding to a fire at the hazardous waste area of/ the Site. No impacted soil was encountered;

The County also conducted inspections of the operations. Early inspections noted evidence of remnants of the old foundry operations and build-up of hazardous materials such as sand blast residue which led to remedial action. More recent inspections did not find significant violations other than periodic paperwork issues that were subsequently corrected. A copy of an inspection report from 1996 provides a very concise description

of the processes on Site that generated hazardous wastes and how that waste was handled and is included in the Tables Section of this report.

As noted, the County did not find any areas of concern remaining in their recent inspections which was consistent with the observations of HMC during our site visit.

8.5. City of Corona

We reviewed the online permit center for the City of Corona to review permits that would suggest environmental uses and/or features previously unknown or that would require closure such as Underground Storage Tanks (USTs). The records included benign features such as flagpoles and interior petitions but also included records of spray booths and hot use areas. There were no unknown features listed in the permits nor were there any permits for features that would require a separate closure process.

9. VAPOR INTRUSION, ASBESTOS AND OTHER CONCERNS

9.1. Vapor Intrusion

Given the findings of the previous investigations conducted at the Site, VOC releases have not been an issue of concern for the continued commercial use of the Site. No vapor intrusion conditions were found as part of this assessment and DTSC has not requested or required any vapor mitigation.

9.2. Asbestos

The buildings were reported to have been built from the 1950s through the 1970s during a time when asbestos was commonly found in construction materials. Suspect asbestos containing materials were observed at the Site including drywall, joint compound, ceiling tiles, vinyl floor tile, acoustic ceilings, ducting/pipe wrap, and mastic. A thorough asbestos sampling event should take place at the Site if these building materials are to be disturbed.

9.3. Radon

The Site is listed as being located in Zone 2 with regards to radon indicating that radon maybe present at concentrations less than 4 pico curies / liter.

9.4. Mold

No evidence of mold or water damage was observed at the Site.

10. SUMMARY OF FINDINGS

Key findings of this Phase I ESA are as follows:

- The Site and Site vicinity were observed to have historically been part of a drainage feature from the earliest photographs available until the 1950s when the plant was first constructed.

- The Site has been used for metal forging and casting and more recently the manufacture of fire hydrants, gaskets, clamps and related products.

- The historic operations at the Site led to previous remedial efforts overseen by the RCDEH including removal of the former foundry waste, removal of sand blast residue, general site cleanup (1994-1995) as well as the removal and closure of four USTs (1993). No releases were found as part of the UST closure. The work was done to the satisfaction of the RCDEH and the current inspections by the County do not document continued concern. These items would be considered Historical RECs in our opinion with no further action necessary.

- As part of the operations, chemicals were used and released at the Site. The Site has been subject to a thorough fence line to fence line review and investigation by the DTSC through the Corrective Action Process (2000-present). This has included an evaluation of all of the suspect uses and features at the Site and involved soil, soil gas and groundwater.

- The investigation conducted by DTSC (2000-present) at the Site to date has found evidence of metals, PCBs and hydrocarbons in shallow soil at the Site at elevated concentrations. VOCs were not found to a concern in the subsurface for commercial use and there was no evidence of groundwater impact from the Site. DTSC did require a LUC to prevent sensitive uses such as residential, schools or

day care uses. Due to the findings of PCBs at the Site, EPA was notified as they have exclusive jurisdiction over PCB cleanups.

- The previous owners implemented a remedial plan for the Site as presented in the CMS Implementation report (CMSIR). The CMS identified excavation (AOC-7) and capping in place (AOC-1, AOC-5, and AOC-7) as the selected remedy. In addition, a "Risk Based Application" (RBA) was prepared to present a remedial plan for the PCB cleanup which was approved.

- As part of the transaction, Clow implemented the work for the CMSIWP including capping AOC-1 and AOC-5 and recording of all the required documents so that the case will be considered closed. The field work was conducted between July and October 2021 and the asphalt cap put in place as documented in the CMSIR. DTSC approved the CMSIR dated October 25, 2021 with their letter dated April 14, 2022.

- During the field work described above, additional areas were found to contain PCBs in shallow soil. After notification was made to EPA, an investigation was conducted across the Site to assess the lateral extent of PCBs at the Site as presented in the report entitled PCB Soil Investigation Report dated October 29, 2021. The soil results related to PCB including supplemental sampling were summarized in a document titled Risk-Based Approval Application (April 25, 2022). It appears that foundry sand containing PCBs may have been used as fill in certain areas of the Site. Clow proposed to EPA that the previous approval described above be amended and that the "hot spots" be removed from the Site and all of the remaining soil containing PCBs be retained on Site under a TSCA Cap. The hot spot removal is currently planned for February 2023. The TSCA Cap would actually be the future building slabs and pavement sections. EPA approved the revised Risk Based Application on June 26, 2022.

- An LUC was recorded on Title which restricts certain sensitive uses such as residential, hospitals, day care and others, and requires any changes or disturbances to the Site be conducted pursuant to an approved Soil Management Plan (SMP) after notice is given to DTSC. Annual inspections are required with a report submitted to DTSC confirming the terms of the LUC are being complied with. The LUC will be revised and re-recorded upon completion of the pending field work.

- It is our understanding that your plans for the Site call for redevelopment of the Site with industrial buildings. This would entail demolition of all improvements at the Site and then grading of the Site including over excavation and recompaction of soil as necessary for geotechnical and civil specifications. Specifically, the existing cap at the Site would be removed and then replaced following the grading as part of the development. Such work would in essence remove the cap from the Site and require notification to DTSC and EPA and must be conducted pursuant to the SMP and most recent Risk Based Application. This will specifically include that all PCB waste be managed under a TSCA cap which would include at least 6" of concrete. It is our understanding that your development will include 6" of concrete for foundations and truck courts and would in essence serve as the TSCA Cap.

- The SMP presents the procedures to be used to move and handle soil at the Site including procedures for stockpiling, monitoring for general health and safety concerns, requirements for either reuse on site or off-site disposal of impacted material and chemical testing requirements for potential import soil that may be necessary. The SMP presents the procedures to manage the known impacts at the Site on Site and also presents the procedures to be used to respond to potential unknown conditions. In addition to the general requirements of the SMP, grading at the Site will also be subject to AQMD Rule 1466.
- The buildings were reported to have been built in the 1950's through the 1960's during a time when asbestos was commonly found in construction materials. Suspect asbestos containing materials were observed at the Site including drywall, joint compound, ceiling tiles, vinyl floor tile, acoustic ceilings, and mastic.

11. DATA GAPS

There were no datagaps that affected this assessment.

12. CONCLUSIONS

E1527-13 Guidelines for the property located at 1375 Magnolia Avenue in Corona, California. The following REC was identified during this investigation:

- The Site has had releases of hazardous substances which are the subject of a current remedial action under the regulatory direction of DTSC and EPA. This includes metals and hydrocarbons in soil which were remediated as approved by DTSC. Future grading activities are subject to a SMP as well as the requirements in a Risk Based Application to address the PCBs present at the Site.

- There were also previous remedial actions taken including the removal of sand blast residue and the closure of four USTs by the County of Riverside. These would be considered Historic RECs in our judgment. There were no Controlled RECs found.

While not an REC by ASTM standards, the buildings were reported to have been built in the 1950's through the 1960's during a time when asbestos was commonly found in construction materials. Suspect asbestos containing materials were observed at the Site including drywall, joint compound, ceiling tiles, vinyl floor tile, acoustic ceilings, and mastic.

13. RECOMMENDATIONS

Based on the findings of this ESA, we recommend the following:

- The Risk Based Application that was approved by EPA should be implemented to obtain a closure certification. Grading at the Site is subject to the SMP.
- The buildings to be demolished may contain asbestos and an asbestos survey will be necessary prior to any disturbance to ACMs so that such ACMs can be abated prior to demolition.
- The future development will be subject to the LUC, SMP and OM Plans which should be reviewed and followed during development. The LUC will need to be revised and re-recorded upon completion of Site development.

14. REFERENCES

AESI, 2002. Clow Valve Company Preliminary Endangerment Assessment and Facility Workplan 1375 Magnolia Avenue, Corona, California 91719. March 28, 2002.

DTSC, 2002. Corrective Action Consent Agreement. Docket HWCA: SRPD 00/01 SCC-4208. March 6, 2002.

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15. QUALIFICATIONS

Mark S. Cousineau, NREP

Mr. Mark S. Cousineau, principal with HMC, has a diverse professional background in environmental management, which includes working as a generator, regulator, consultant, and corporate advisor in hazardous waste and other environmental issues.

Mr. Cousineau's technical background is focused in the area of overseeing large-scale environmental investigations and regulatory compliance management related to site assessments, subsurface investigations, facility surveys, and site remediation. To projects such as these, Mr. Cousineau brings expertise in evaluating complex sites and developing solutions to solve the technical, operational, regulatory, financial and timing issues. In addition, Mr. Cousineau routinely assists clients in developing environmental business plans for single assets and multi-site real estate portfolios and has designed and implemented several tenant audit programs involving the proactive management of environmental risk caused by on-site commercial and industrial tenant activities.

Mr. Cousineau has provided litigation support and has served, as a court-appointed expert on environmental issues, is a Member of the National Registry of Environmental Professionals, holds a M.S. in Environmental Sciences from California State University Fullerton and a B.S. in Chemistry from University California San Diego.

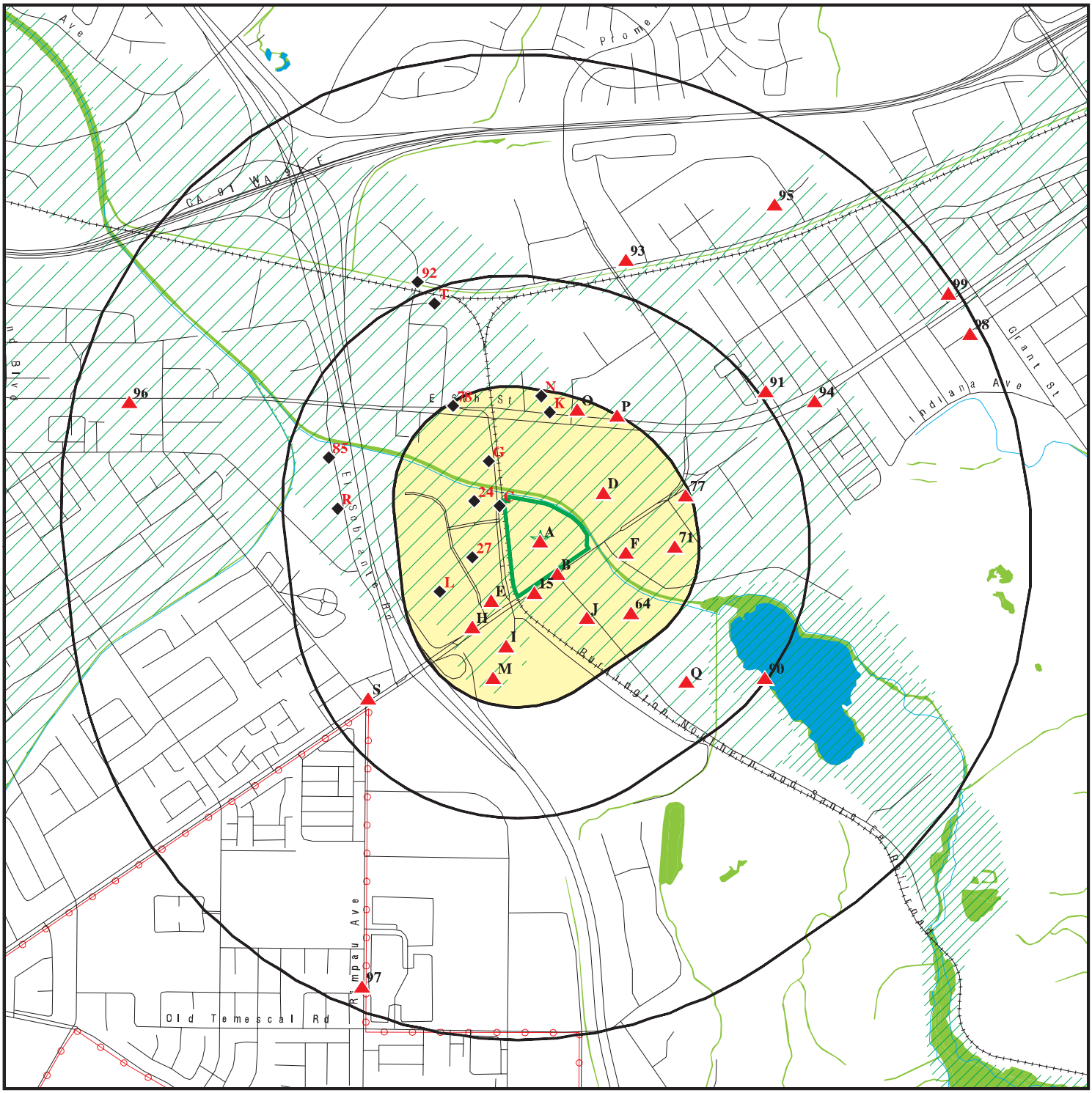
As signatory to this report, I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of this part. I have the specific qualifications based on education, training, and experience to assess the property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."



Mark Cousineau, NREP
Principal

TABLES

OVERVIEW MAP - 5885663.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

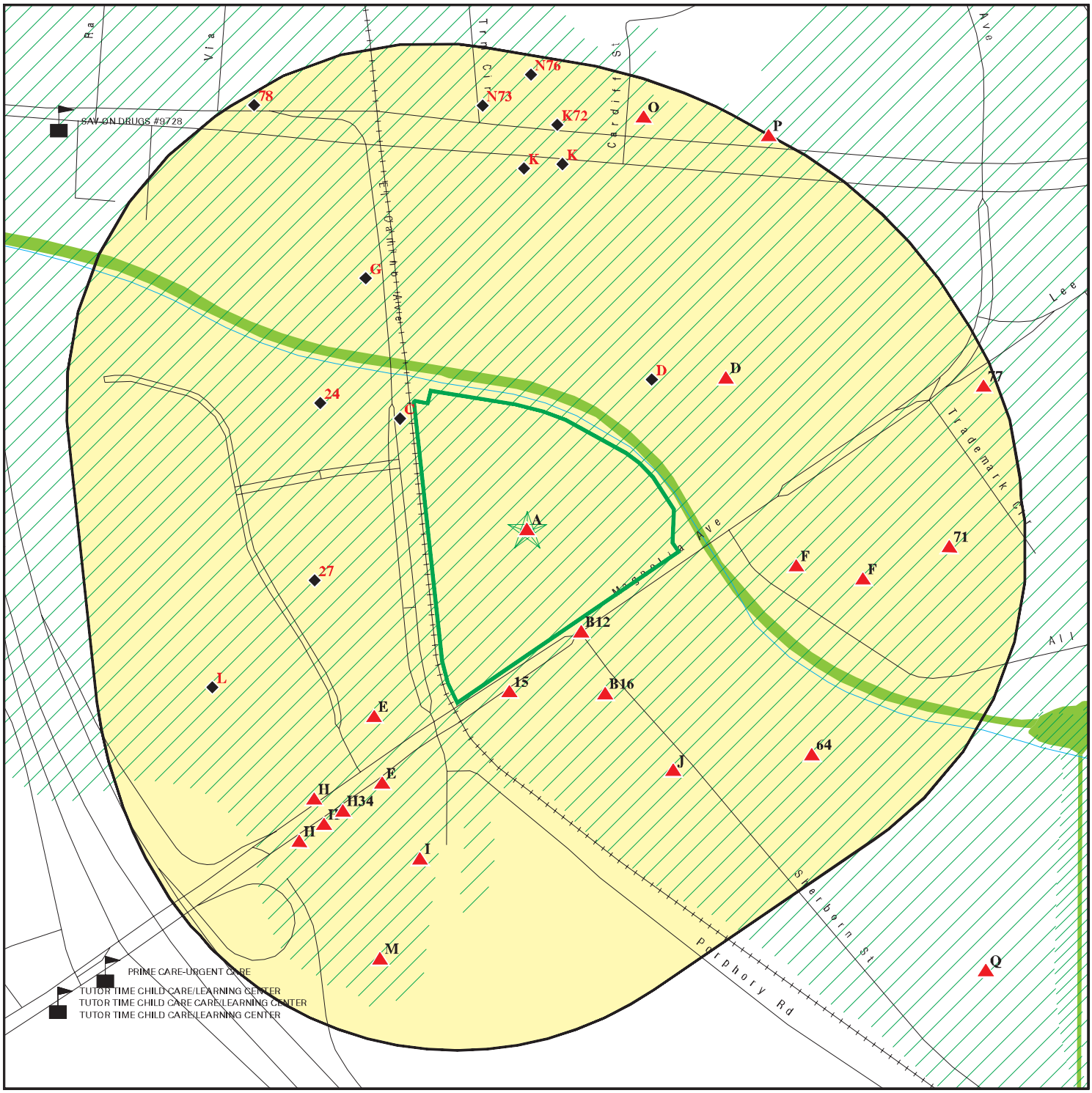
Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	1375 Magnolia Avenue	CLIENT:	Hazard Management Consulting
ADDRESS:	1375 Magnolia Ave Corona CA 92879	CONTACT:	Mark Cou
		INQUIRY #:	5885663.2s
LAT/LONG:	33.869891 / 117.537775	DATE:	November 26, 2019 7:20 pm

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DETAIL MAP - 5885663.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1375 Magnolia Avenue	CLIENT: Hazard Management Consulting
ADDRESS: 1375 Magnolia Ave Corona CA 92879	CONTACT: Mark Cou INQUIRY #: 5885663.2s
LAT/LONG: 33.869891 / 117.537775	DATE: November 26, 2019 7:20 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		2	1	0	NR	NR	3
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500	1	0	0	1	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250	1	1	1	NR	NR	NR	3
RCRA-SQG	0.250		2	4	NR	NR	NR	6
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000	1	0	1	1	8	NR	11
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		1	0	1	NR	NR	2
State and tribal leaking storage tank lists								
LUST	0.500		3	2	4	NR	NR	9

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		1	0	2	NR	NR	3
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		3	1	NR	NR	NR	4
AST	0.250	1	2	4	NR	NR	NR	7
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	1	0	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	1	0	NR	NR	1
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250	1	4	8	NR	NR	NR	13
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	2	NR	NR	NR	2
HIST UST	0.250		1	2	NR	NR	NR	3
CA FID UST	0.250		0	2	NR	NR	NR	2
CERS TANKS	0.250	1	2	5	NR	NR	NR	8
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	1	0	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001	1	0	NR	NR	NR	NR	1
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		7	12	NR	NR	NR	19
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001	1	0	NR	NR	NR	NR	1
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	2	0	NR	NR	NR	NR	2
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001	1	0	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		1	0	NR	NR	NR	1
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001	2	0	NR	NR	NR	NR	2
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	3	0	NR	NR	NR	NR	3
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	1	1	NR	NR	3
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	1	NR	NR	NR	1
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001	1	0	NR	NR	NR	NR	1
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	1	0	NR	NR	1
Notify 65	1.000		0	0	0	1	NR	1
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001	1	0	NR	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001	1	0	NR	NR	NR	NR	1
CERS	0.001	1	0	NR	NR	NR	NR	1
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001	2	0	NR	NR	NR	NR	2
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		22	33	51	11	9	0	126

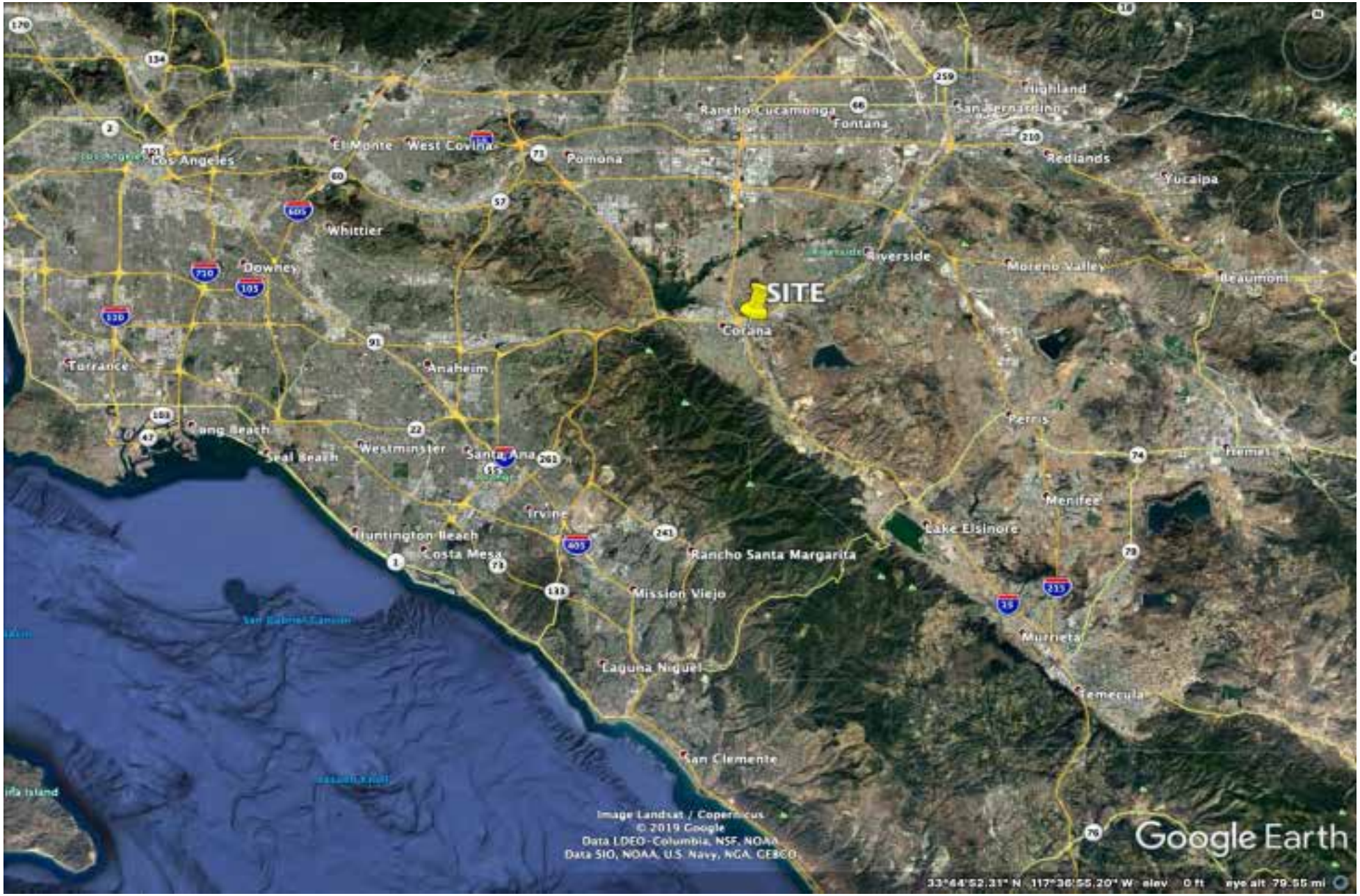
NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

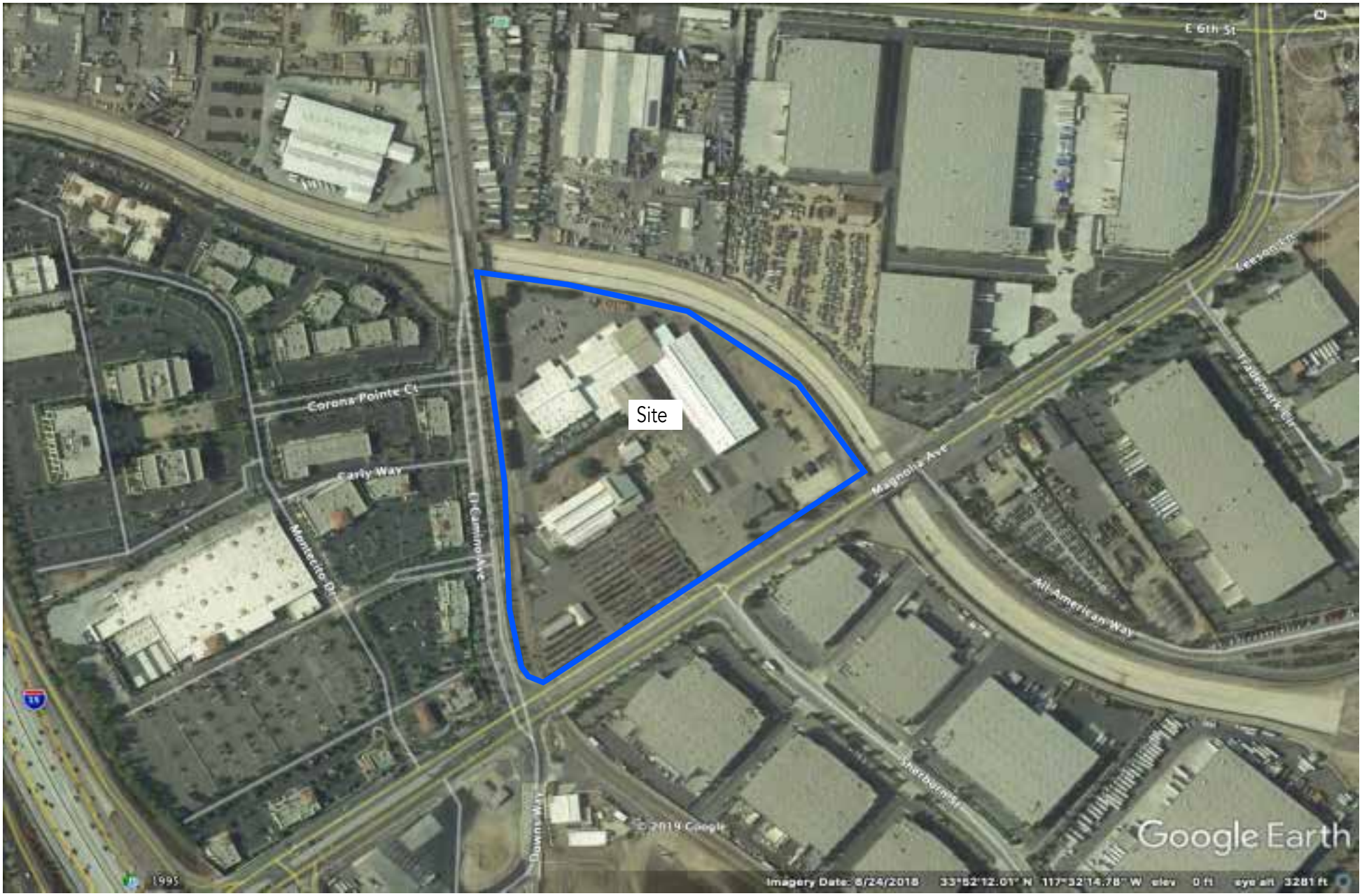
Sites may be listed in more than one database

FIGURES



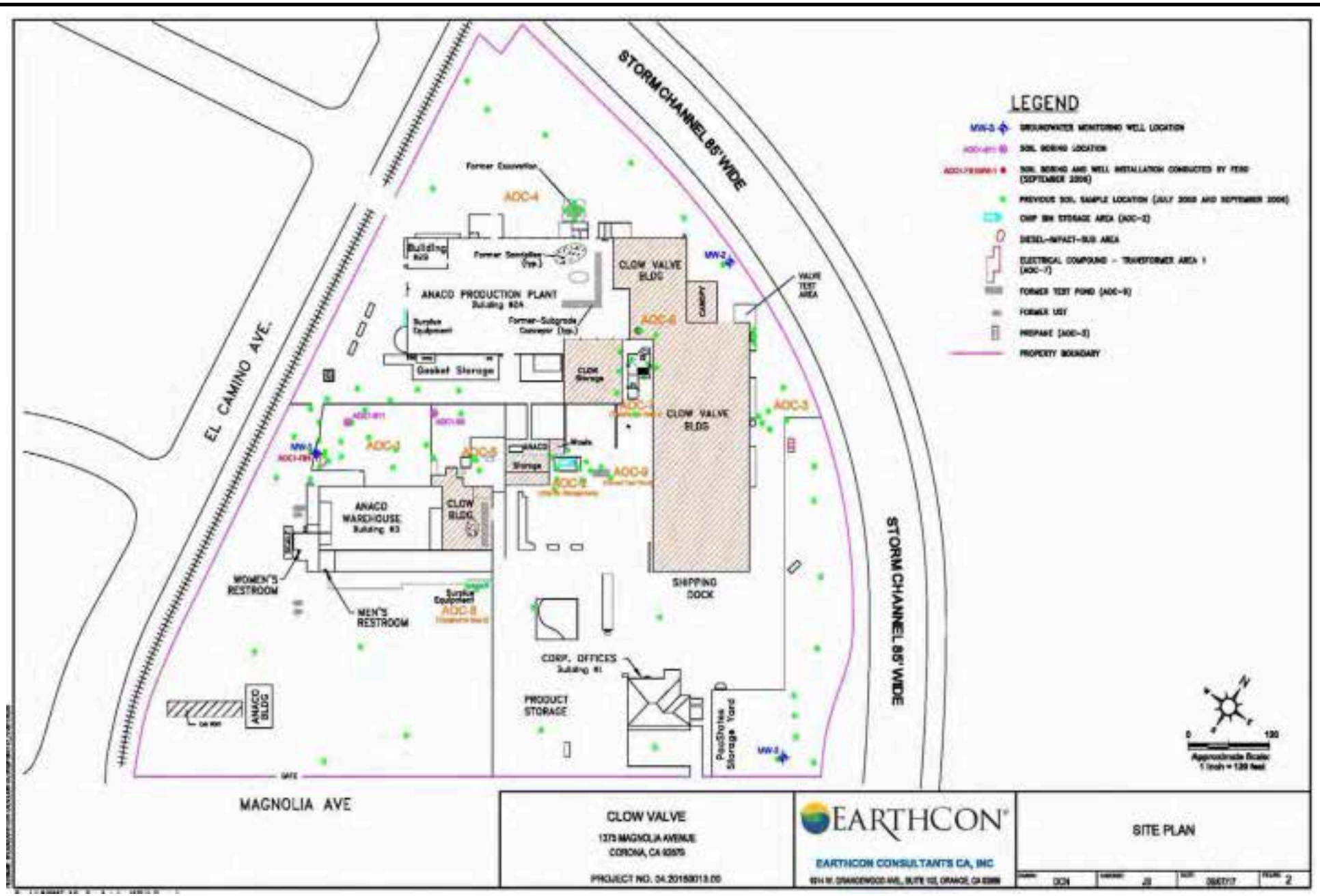
HMC

Figure 1: Site Location Map



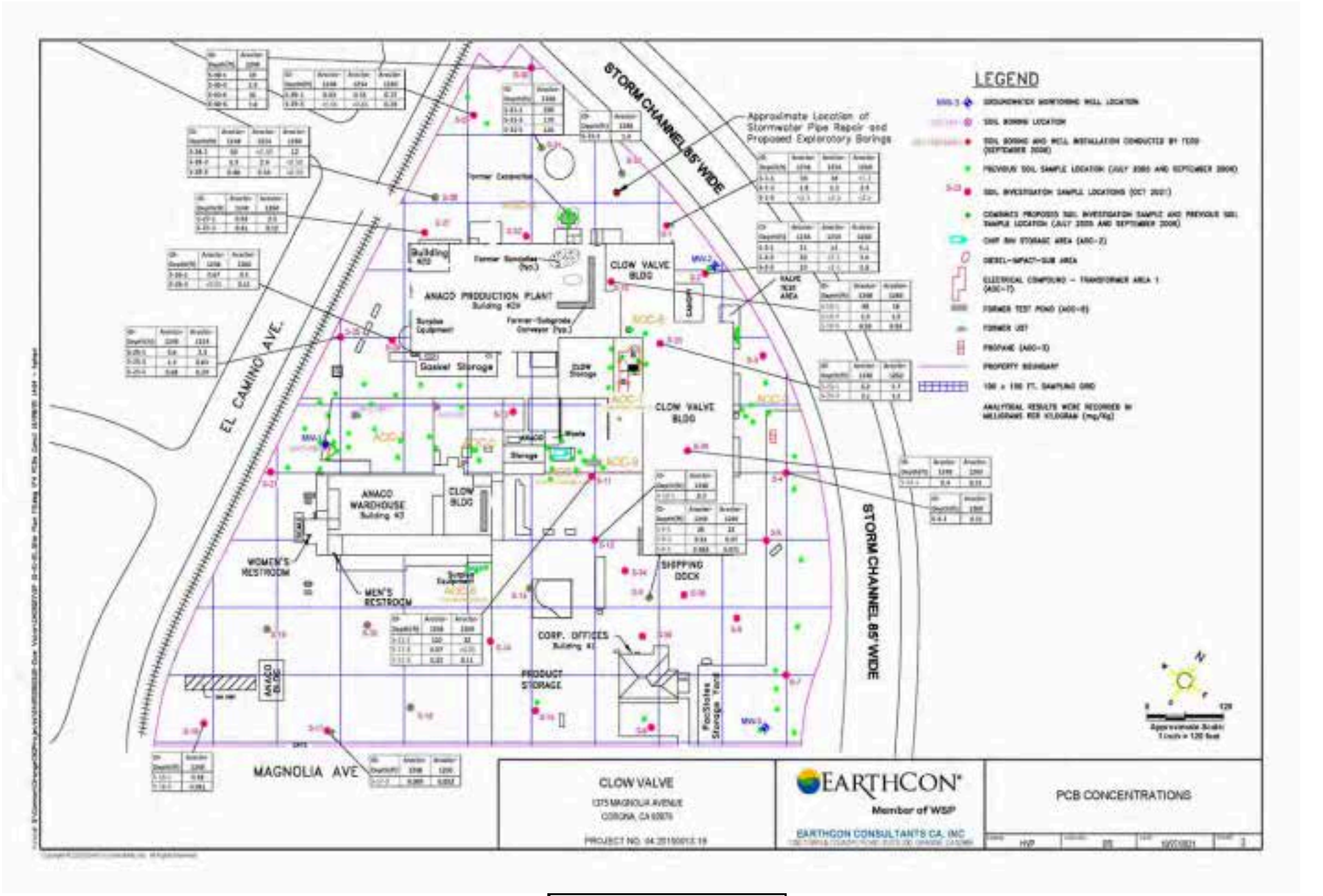
HMC

Figure 2: Site & Vicinity



HMC

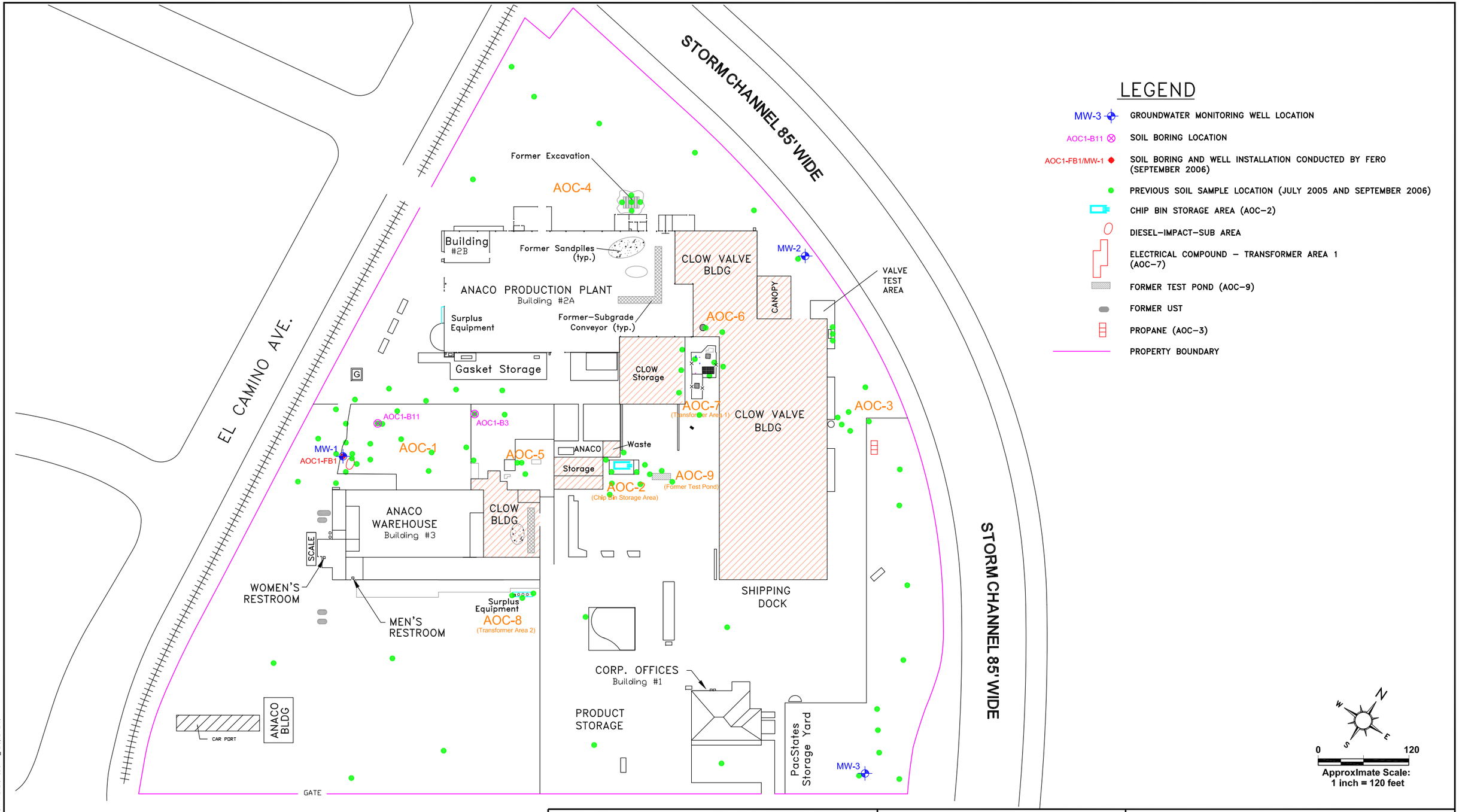
Figure 3: Site Layout & AOCs



HMC

Figure 4: PCB Locations

SELECT FIGURES FROM SITE REPORTS



LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

N W E S

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON

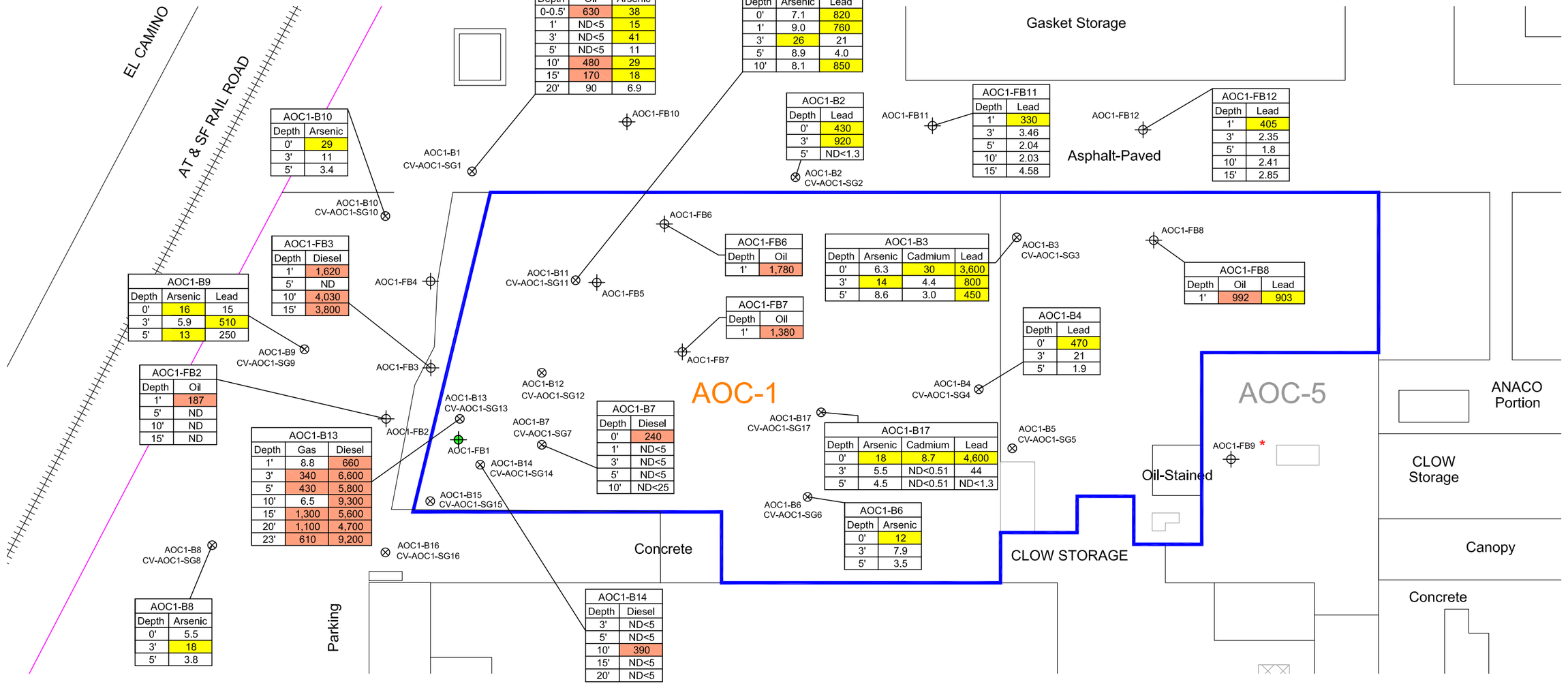
EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVE., SUITE 102, ORANGE, CA 92868

SITE PLAN

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	2

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09-07-17_F2 SITE PLAN

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LEGEND

- AOC7-B3 ⊗ — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- AOC1-FB7 ⊕ — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC1-FB1 ⊕ — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- * — ORIGINALLY IDENTIFIED AS AOC1–FB9
- PROPOSED AREA OF CAPPING

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(1) = General California Background Concentration (DTSC, January 2009)
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

	LUFT	RSLs
TPH-gas	100	--
TPH-diesel	100	--
TPH-oil	100	--
Arsenic	–	12 (1)
Cadmium	–	7.3 (2)
Lead	–	320 (2)

N W E S
0 30
Approximate Scale: 1 Inch = 30 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

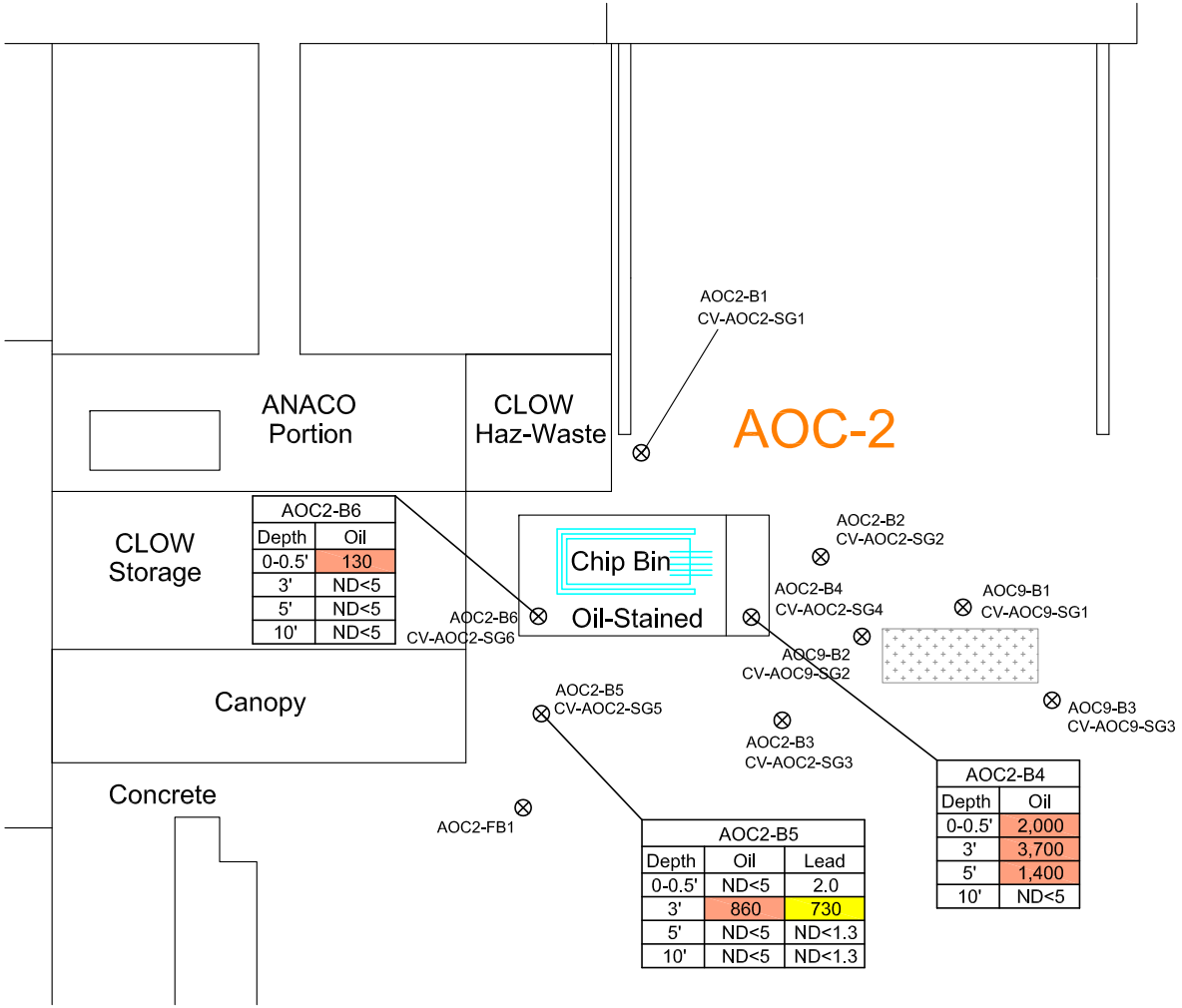
EARTHCON
EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVE., SUITE 102, ORANGE, CA 92868

AOC1 - RAIL SPUR AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	3A

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09407-17_3A (AOC1) AND 3K

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LEGEND

AOC7-B3 ⊗ **PREVIOUS BORING CONDUCTED BY EST (JULY 2005)**

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

ND	= not detected
LUFT	= Leaking Underground Fuel Tank (California Guidance 2012)
RSLs	= USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(2)	= DTSC HHRA Note 3 (August 2017)
	= meet/exceeds the LUFT criteria
	= meet/exceeds the associated RSL

	LUFT	RSLs
TPH-oil	100	--
Lead	--	320 (2)

N W E S

0 30

Approximate Scale: 1 inch = 30 feet

CLOW VALVE

1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

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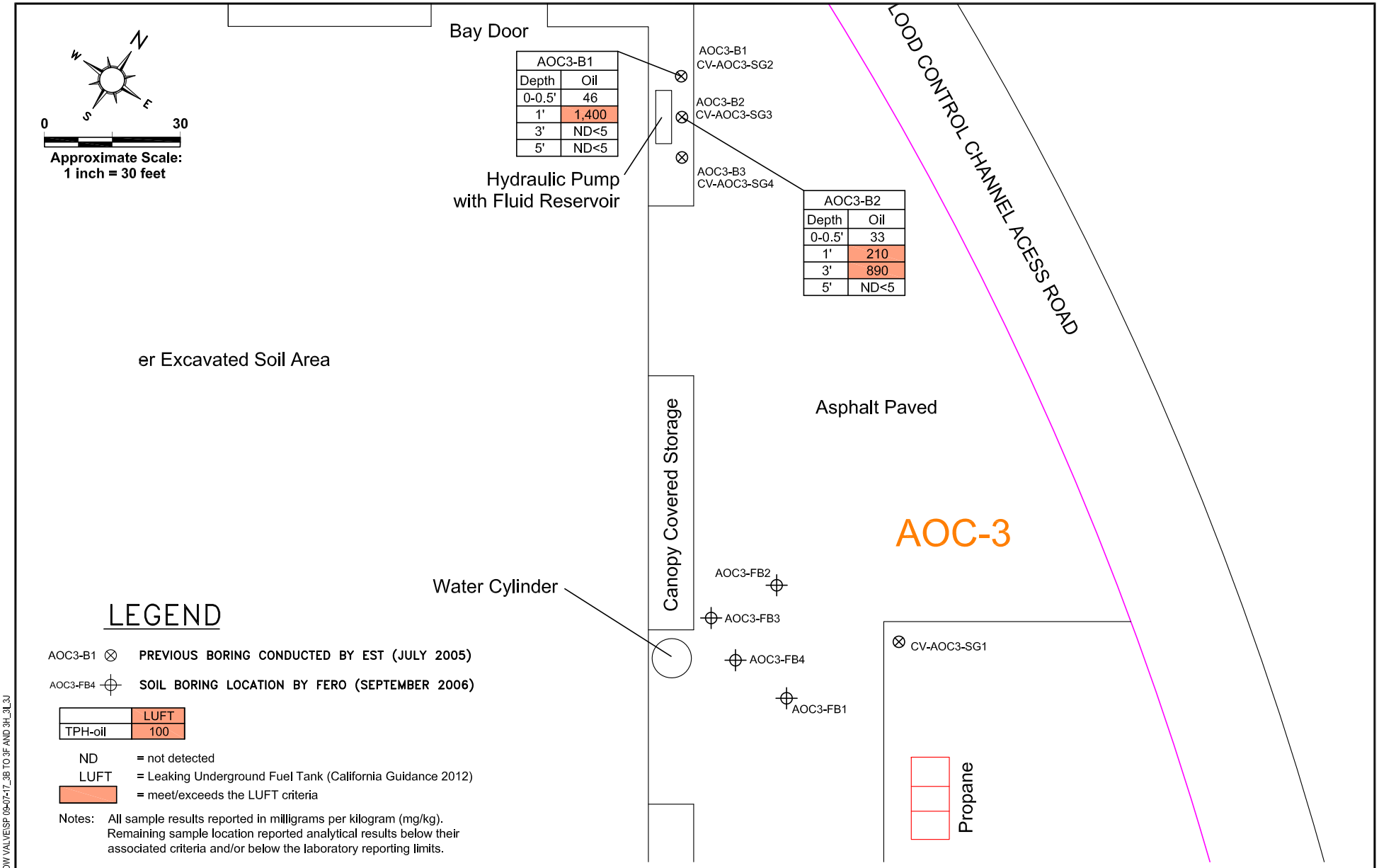
EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVE., SUITE 102, ORANGE, CA 92868

AOC 2 - CHIP BIN AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	3B

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09-07-17_3B TO 3F AND 3H_3I_3J

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CLOW VALVE

1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON

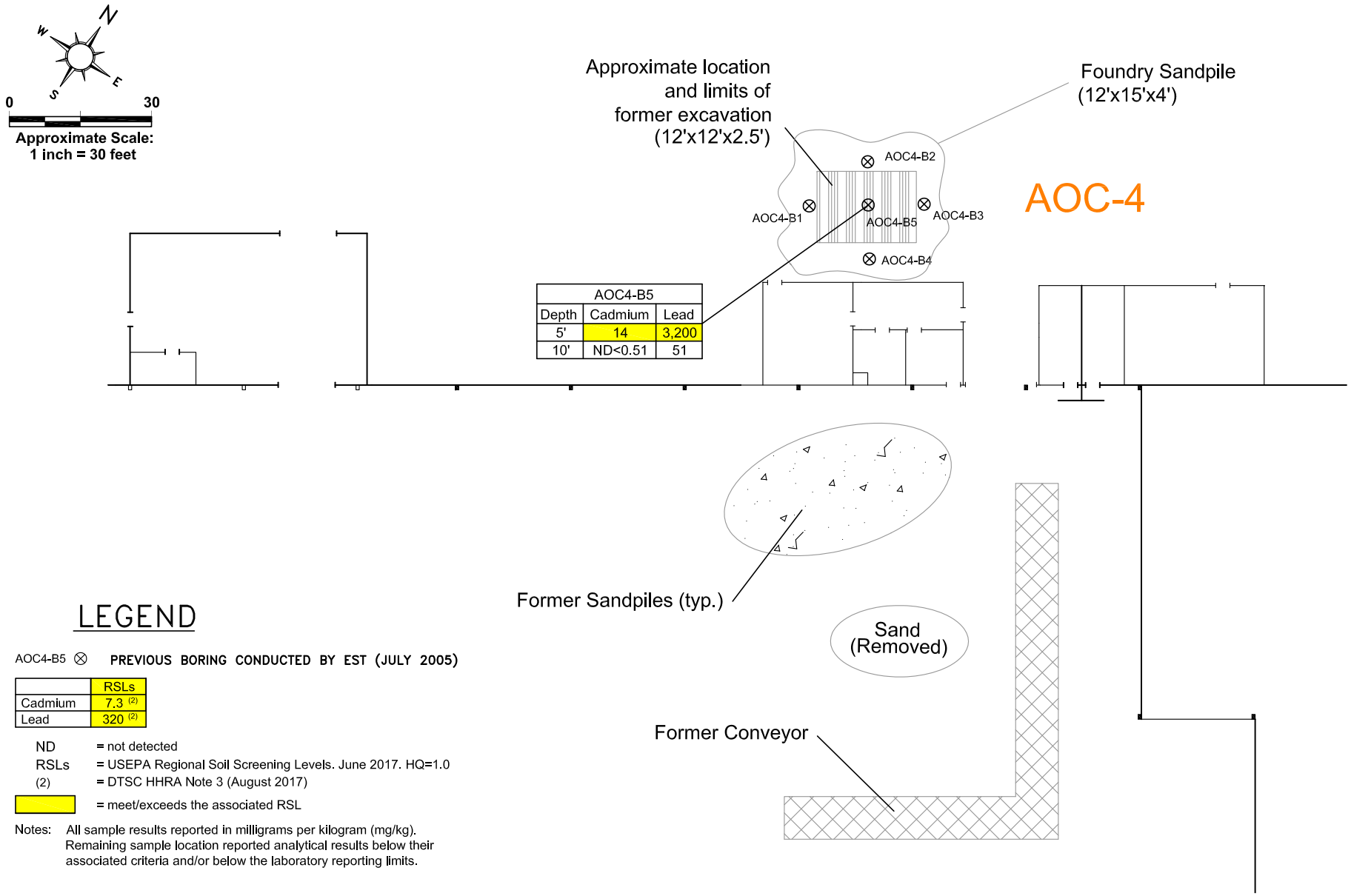
EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVE., SUITE 102, ORANGE, CA 92868

AOC 3 - WATER PRESSURE TEST AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	3C

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09-07-17_3B TO 3F AND 3H_3I_3J

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LEGEND

AOC4-B5 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

	RSLs
Cadmium	7.3 (2)
Lead	320 (2)

ND = not detected
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON

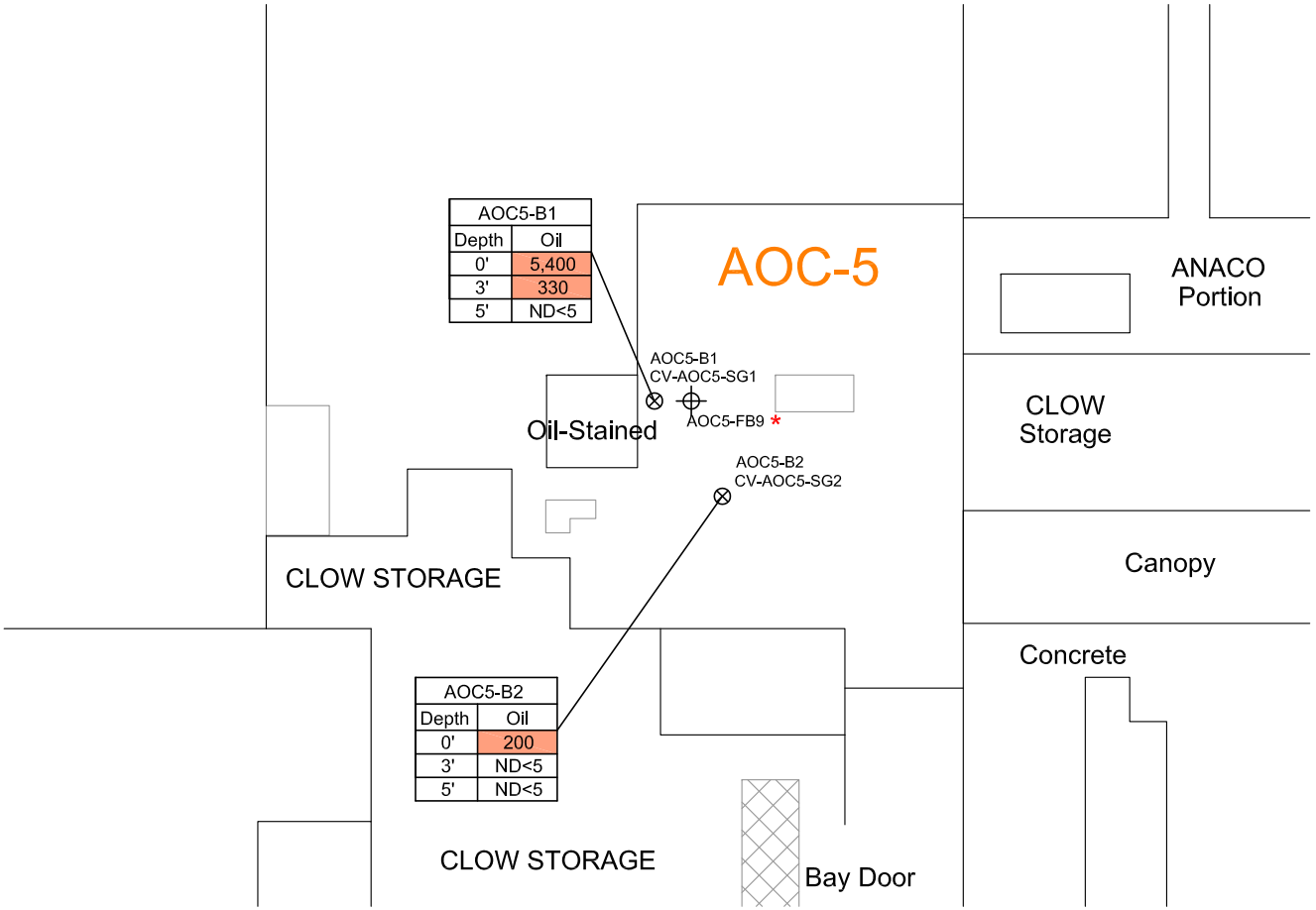
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AOC 4 - FORMER IRON
FOUNDRY SAND CLEANUP AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	3D

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09-07-17_3B TO 3F AND 3H_3I_3J

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N W E S

0 30

Approximate Scale:
1 Inch = 30 feet

LEGEND

AOC5-FB9 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

AOC5-B2 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)

* ORIGINALLY IDENTIFIED AS AOC1–FB9

	LUFT
TPH-oil	100

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

CLOW VALVE

1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON

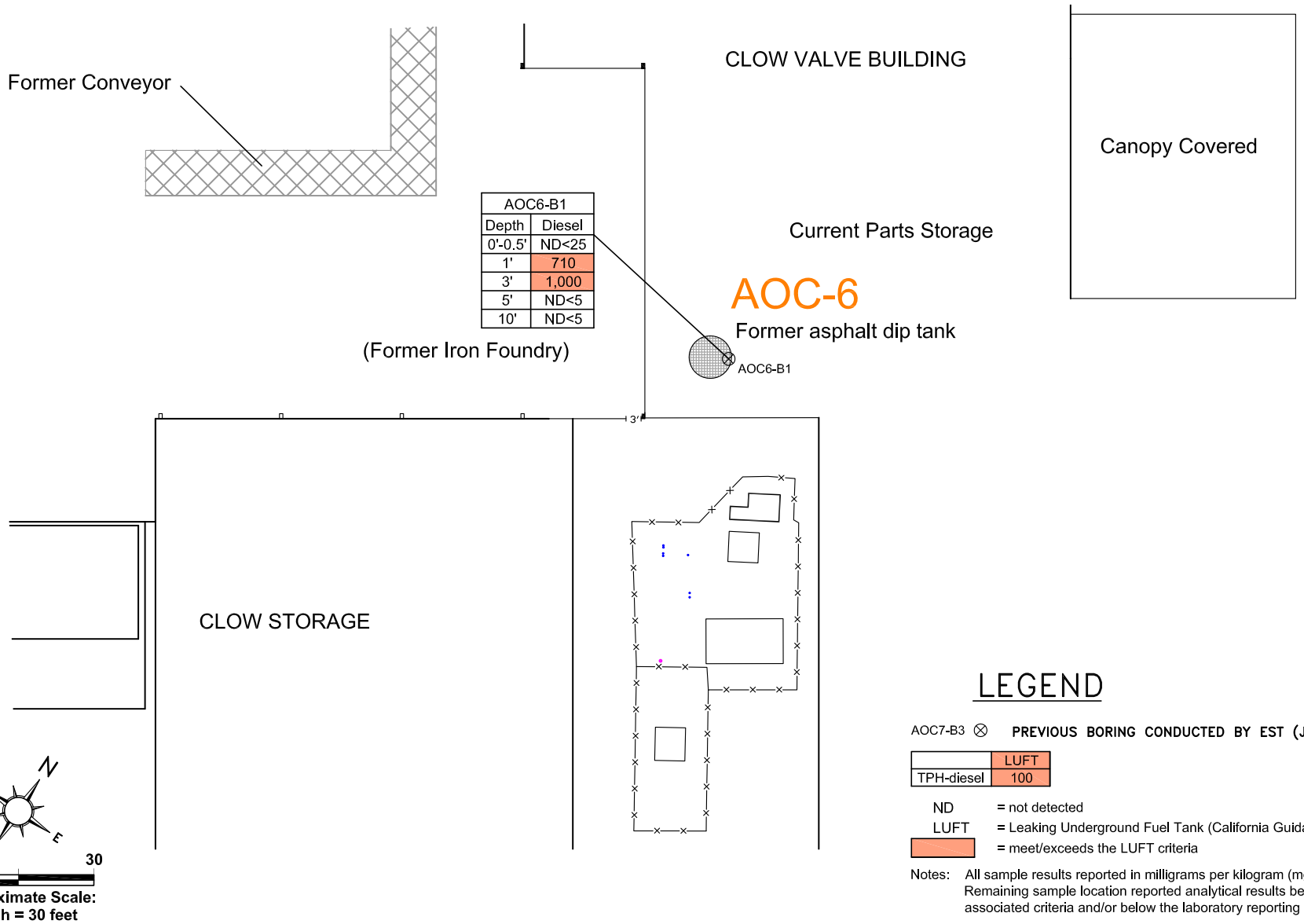
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AOC 5 - OIL STAINED PAD AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	3E

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LEGEND

AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

	LUFT
TPH-diesel	100

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

CLOW VALVE

1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON

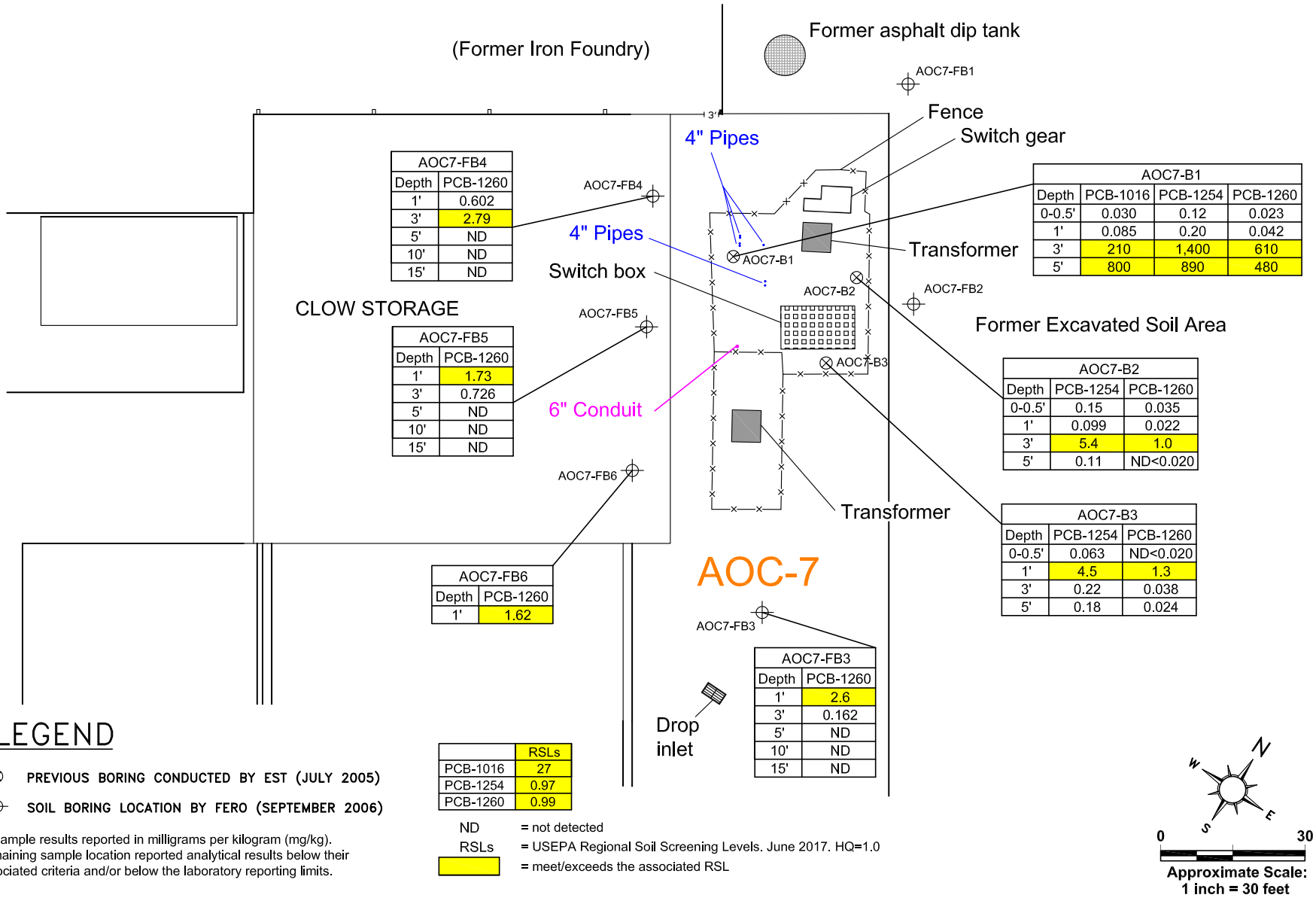
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AOC 6 - FORMER ASPHALT DIP TANK AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	3F

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CLOW VALVE

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CORONA, CA 92879

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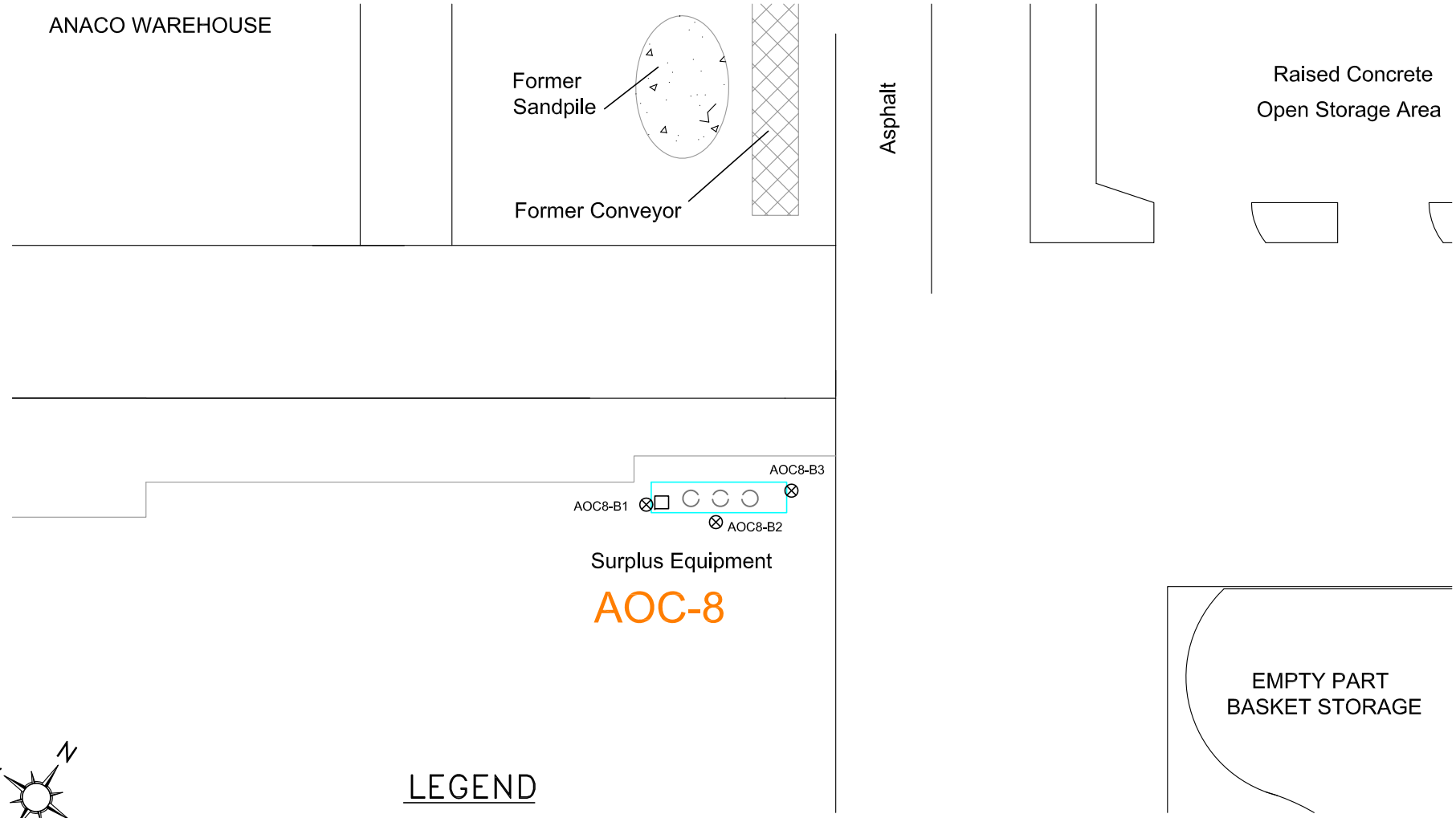
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AOC 7 - TRANSFORMER AREA 1

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	3G

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09-07-17_3G (AOC7)

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LEGEND

AOC8-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

Note: No exceedance of detected PCBs

CLOW VALVE

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CORONA, CA 92879

PROJECT NO. 04.20150013.00

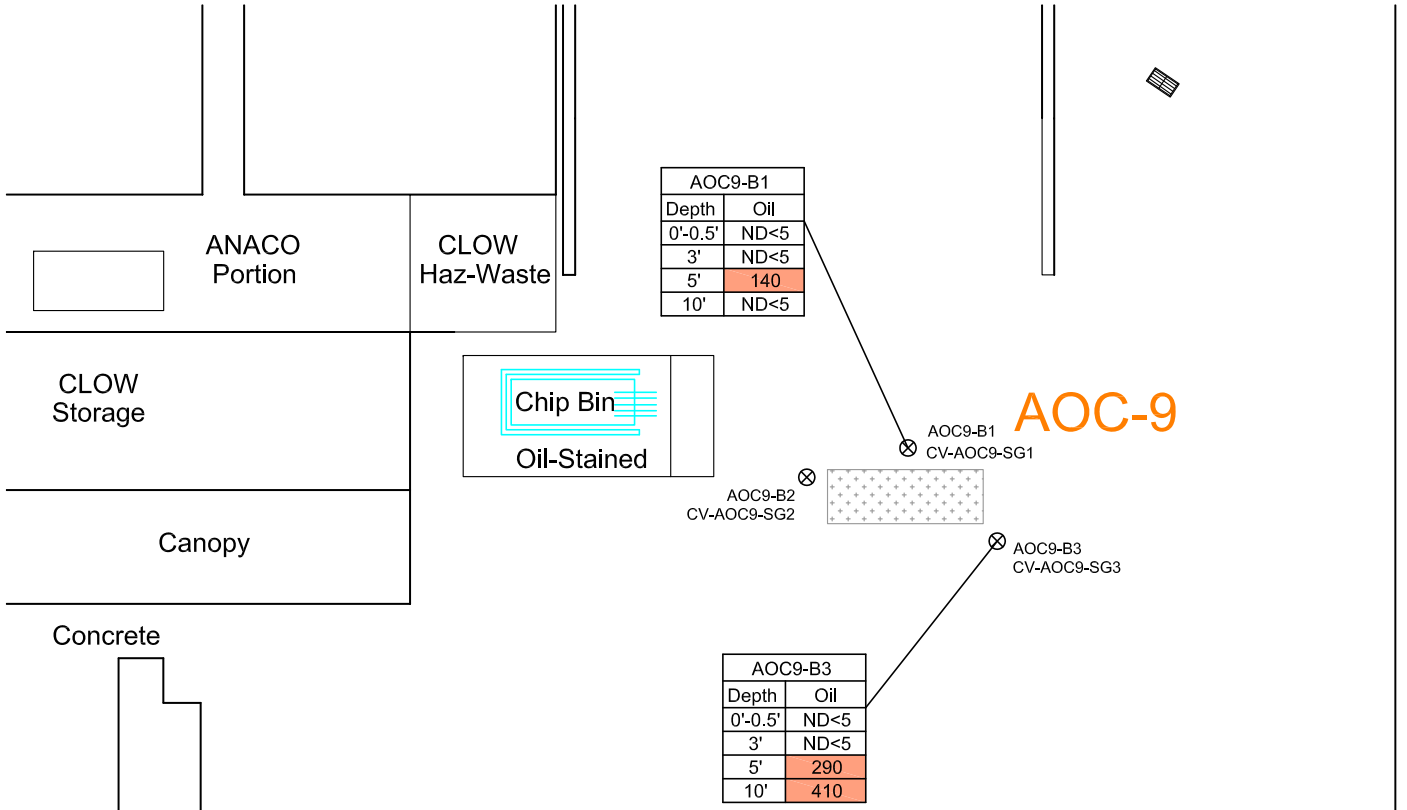
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AOC 8 - TRANSFORMER AREA 2

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	3H

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09-07-17_3B TO 3F AND 3H_3I_3J

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LEGEND

AOC9-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

	LUFT
TPH-oil	100

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

N W E S

0 30

Approximate Scale: 1 Inch = 30 feet

CLOW VALVE

1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON

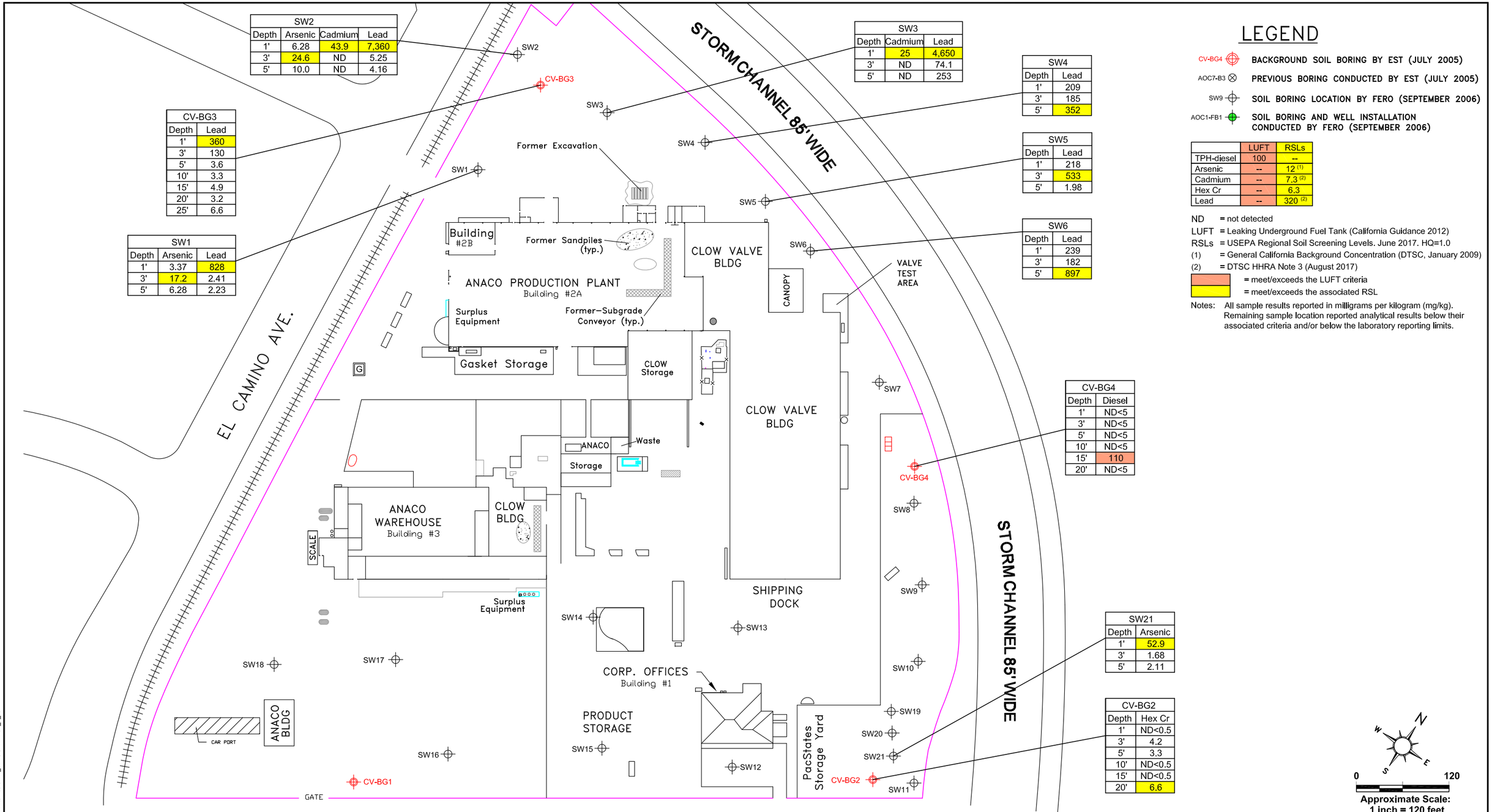
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AOC 9 - FORMER TEST POND

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	3I

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09-07-17_3B TO 3F AND 3H_3I_3J

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CLOW VALVE

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PROJECT NO. 04.20150013.00

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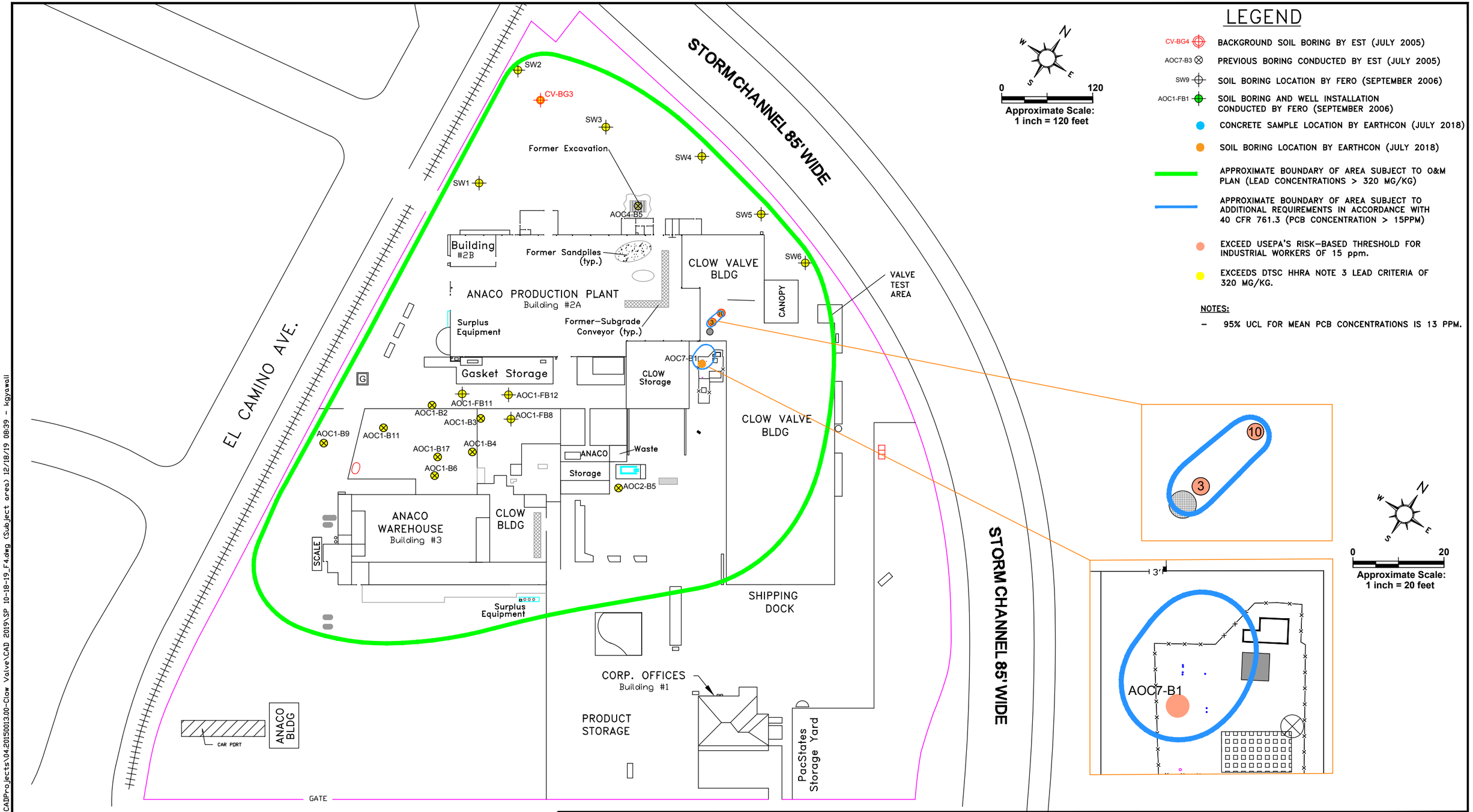
1914 W. ORANGEWOOD AVE., SUITE 102, ORANGE, CA 92868

BACKGROUND AND SITEWIDE SOIL BORINGS

DRAWN: DCN | CHECKED: JB | DATE: 09/07/17 | FIGURE: 3J

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09-07-17_3B TO 3F AND 3H_3I_3J

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CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

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1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

SUBJECT AREA BOUNDARIES

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	4

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F4.dwg (Subject area) 12/18/19 08:39 - kgyawali

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APPENDIX A



Front of Site



Office building



Looking off site to SE



Looking off site to S



Rail line on west of Site



Property to west of Site



Property south of Site



Looking at Site from South



Inside Recently Vacated Bldg



Looking Inside



Inside warehouse



Inside recently vacated warehouse



Outdoor storage and electrical



Looking along eastern side of Site



Eastern Side of Site near wash



northeast portion of Site



Looking north



Outside of warehouse



Inside former manufacturing area



Electrical Gear



Inside gasket manufacturing



Main manufacturing area



Northern parking area



Northern parking and storage



Anaco



Northern Side of Site



Inside manufacturing



Manufacturing equipment



Finished connectors



minor oil and metal turnings on ground



Anaco warehouse area



Water treatment system



Outdoor storage



Western side of Site



Entrance to former Tyler storage area



Former Tyler storage area



Patched Area Above PCBs in Soil



Recently Capped Area



Anaco shipping department



Southern parking/storage area



Looking across southern lot



Former storage area in southern lot



Vacated buildings formerly occupied by Tyler



Looking northeast



Looking south



Looking SE towards office bldg



Looking east across southern lot to vacated shed



Vacant warehouse



Vacant bldgs



Former storage yard along south of Site



Looking across Magnolia



Looking down street



Front of site



Front parking area



Looking across Lot to Clow Building



Looking west



Looking at Corp Offices



Pipe storage along entry



Eastern property line



Looking towards Temescal Wash



Propane Storage



Compressor



Eastern Clow Bldg



Looking at Northeast Corner of Clow Bldg



Inside Clow Bldg



Main manufacturing bldg



Shot Blast Booth



Drying Oven



Painting



Storage



Hydrants in various stages



Paint Booth



Painting Area



Paint Storage



Assembly



Transformer Area



Transformer Area



Product Storage



Looking out from storage warehouse



Looking south towards Magnolia



Outdoor Storage



Former Pond Area



Stormdrain inlet



Warehouse area



outdoor storage



Chemical Storage



Chemical storage



Berm at storage area



western storage



Tyler Union Storage



Storage Area



Western property line near rail line



Looking along western property line



Area to be capped



Inside Anaco



Floor patches



Anaco storage



Looking at Anaco Mfg Bldg



Looking west to adjacent shopping center



Northern parking area



Looking at Anaco from north



Anaco Mfg Area



screw mfg area



Satellite storage area



Gasket Department



Gasket forming



Clamp Mfg



Clamp mfg area



Assembly



Testing area



Break room



Haardous waste area



Wastewater treatment



Oil Storatge



Chemical waste storage



Haz Waste Storage



Transformer



Air treatment system



chiller

APPENDIX B

1375 Magnolia
1375 Magnolia
Corona, CA 92879

Inquiry Number: 6388926.2s
March 03, 2021

The EDR Radius Map™ Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	739
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1375 MAGNOLIA
CORONA, CA 92879

COORDINATES

Latitude (North):	33.8698910 - 33° 52' 11.60''
Longitude (West):	117.5377750 - 117° 32' 15.99''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	450260.7
UTM Y (Meters):	3747666.0
Elevation:	648 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5636469 CORONA SOUTH, CA
Version Date:	2012
North Map:	5640930 CORONA NORTH, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140603
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1375 MAGNOLIA
CORONA, CA 92879

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	MERCURY RUBBER PRODU	1375-A MAGNOLIA AVEN	RGA LF		TP
A2	CLOW VALVE CO	1375 MAGNOLIA AVE	CERS HAZ WASTE, CERS TANKS, EMI, WDS, CIWQS, CERS		TP
A3	CLOW VALVE COMPANY	1375 MAGNOLIA AVENUE	FINDS, ECHO		TP
A4	SOUTHERN CALIFORNIA	1375 MAGNOLIA AVE	HAZNET, HWTS		TP
A5	CLOW VALVE, INC.	1375 MAGNOLIA AVENUE	RCRA-LQG, ENVIROSTOR, CHMIRS, ICIS, EMI, NPDES		TP
A6	CLOW VALVE CO	1375 MAGNOLIA AVE	HAZNET, HWTS		TP
A7	CLOW VALVE COMPANY,	1375 MAGNOLIA AVE	AST		TP
A8	RICH MFG CO OF CA #3	1375 MAGNOLIA	SEMS-ARCHIVE		TP
A9	MAGNOLIA AVENUE WAST	1375-A MAGNOLIA AVE	RGA LF		TP
A10	CLOW VALVE & ANACO	1375 MAGNOLIA AVE	FINDS		TP
A11	DF EQUIPMENT, INC	1375 MAGNOLIA AVE	HAZNET, HWTS		TP
B12	SHERBORN MAGNOLIA DR	SHERBORN & MAGNOLIA	SEMS, PRP	Higher	40, 0.008, SSE
C13	ANACO, A DIV. OF MCW	1001 EL CAMINO AVE	AST	Lower	59, 0.011, NW
C14	ANACO	1001 EL CAMINO AVE	RCRA-SQG	Lower	59, 0.011, NW
15	CORONA DISPOSAL SITE	1330 MAGNOLIA AVE	SWF/LF, CERS	Higher	84, 0.016, SSW
B16	SPENUZZA BROS INC DB	1128 SHERBORN ST	RCRA NonGen / NLR	Higher	285, 0.054, SSE
D17	INDIANA AUTO WRECKIN	1480 E 6TH ST	RCRA NonGen / NLR	Lower	291, 0.055, NE
D18	INDIANA AUTO WRECKIN	1480 E SIXTH ST	CERS HAZ WASTE, CERS	Lower	291, 0.055, NE
E19	JACK #5349	1315 MAGNOLIA AVE ST	CERS HAZ WASTE, CERS TANKS, CHMIRS, CERS	Higher	306, 0.058, SW
E20	CHEVRON STATION #303	1315 MAGNOLIA AVE	UST	Higher	306, 0.058, SW
E21	CHEVRON 303835	1315 MAGNOLIA AVE	RCRA-LQG, FINDS, HAZNET, HWTS	Higher	306, 0.058, SW
E22	CHEVRON STATION # 30	1315 MAGNOLIA AVE	UST	Higher	306, 0.058, SW
E23	QUICK STUFF	1315 MAGNOLIA AVE	EDR Hist Auto	Higher	306, 0.058, SW
24	OPTIMUM WELLNESS & L	1315 CORONA POINTE C	RCRA NonGen / NLR	Lower	356, 0.067, WNW
E25	DOWNS ENERGY 1280 MA	1280 MAGNOLIA AVE	AST	Higher	415, 0.079, SSW
F26	PARTY CITY CORP DBA	1160 EL CAMINO AVE	RCRA NonGen / NLR	Lower	449, 0.085, WSW
F27	OFFICE DEPOT 2324	1160 EL CAMINO AVE	RCRA NonGen / NLR	Lower	449, 0.085, WSW
G28	CORONA AUTO PARTS RE	1450 MAGNOLIA AVE	RCRA NonGen / NLR	Higher	450, 0.085, East
G29	MELS FOREIGN	1450 MAGNOLIA AVE	CERS HAZ WASTE, NPDES, CIWQS	Higher	450, 0.085, East
D30	ADVANCED FUEL FILTRA	1451 MAGNOLIA	SEMS, PRP, ICIS	Higher	462, 0.087, NE
D31	CT CORONA	1451 MAGNOLIA AVE X	CPS-SLIC, CERS	Higher	462, 0.087, NE
H32	VERIZON WIRELESS: AM	866 EL CAMINO AVENUE	HAULERS, CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	493, 0.093, NNW
H33	PETE'S ROAD SERVICE	866 EL CAMINO AVE	RCRA NonGen / NLR	Lower	493, 0.093, NNW
34	CITY OF HOPE CORONA	1280 CORONA POINTE C	RCRA NonGen / NLR	Lower	506, 0.096, West
I35	FEROZ RUCK SERVICE L	1264 MAGNOLIA AVE	RCRA NonGen / NLR	Higher	595, 0.113, SSW
J36	DOWNS ENERGY MAGNOLI	1296 MAGNOLIA AVE	UST	Higher	607, 0.115, SSW
J37	DOWNS OIL CO INC	1296 MAGNOLIA AVE	LUST, Cortese, EMI, CERS	Higher	607, 0.115, SSW
J38	DOWNS ENERGY	1296 MAGNOLIA AVE	LUST, CHMIRS, Cortese, EMI, HAZNET, CERS, HWTS	Higher	607, 0.115, SSW
J39	DOWNS ENERGY	1296 MAGNOLIA AVE	EDR Hist Auto	Higher	607, 0.115, SSW

MAPPED SITES SUMMARY

Target Property Address:
1375 MAGNOLIA
CORONA, CA 92879

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J40	DOWNS OIL CO INC	1296 MAGNOLIA AVE	FUELS PROGRAM	Higher	607, 0.115, SSW
J41	DOWN'S OIL	1296	LUST, HIST CORTESE	Higher	607, 0.115, SSW
I42	JOHNS MANVILLE	1251 MAGNOLIA	RCRA-SQG, FINDS, ECHO	Higher	652, 0.123, SW
I43	MANVILLE BUILDING MA	1251 MAGNOLIA AVENUE	HIST UST, EMI, CERS	Higher	652, 0.123, SW
K44	BTL MACHINE	1168 SHERBORN ST	RCRA NonGen / NLR	Higher	671, 0.127, SSE
K45	ACROMIL LLC	1168 SHERBORN ST	RCRA NonGen / NLR	Higher	671, 0.127, SSE
K46	ACROMIL LLC	1168 SHERBORN ST	CERS HAZ WASTE, CERS TANKS, NPDES, CIWQS, CERS,...	Higher	671, 0.127, SSE
I47	GAIL TRUCKING	1256 MAGNOLIA	RCRA-SQG, FINDS, ECHO	Higher	682, 0.129, SW
G48	HAITBRINK ASPHALT PA	1480 MAGNOLIA AVE	RCRA NonGen / NLR	Higher	708, 0.134, East
G49	ASSOCIATED READY MIX	1480 MAGNOLIA	LUST, CERS HAZ WASTE, CERS TANKS, Cortese, EMI,...	Higher	708, 0.134, East
G50	HAITBRINK ASPHALT PA	1480 MAGNOLIA AVE	AST	Higher	708, 0.134, East
I51	CORONA FLEET & AUTOM	1248 MAGNOLIA AVE	RCRA NonGen / NLR	Higher	743, 0.141, SW
I52	ROMAR FLEET SVC	1248 MAGNOLIA AVE	RCRA-SQG, FINDS, ECHO	Higher	743, 0.141, SW
I53	DOWNS ENERGY 1232 MA	1232 MAGNOLIA AVE	AST	Higher	795, 0.151, SW
K54	CORONA TRUCK SALVAGE	1200 SHERBORN	SWF/LF	Higher	862, 0.163, SSE
L55	SIX-PAC INDUSTRIES	1428 E SIXTH ST	LUST, CERS HAZ WASTE, SWEEPS UST, CA FID UST,...	Lower	874, 0.166, North
M56	LOWE'S #1743	1285 MAGNOLIA AVE	AST	Lower	878, 0.166, WSW
M57	LOWE'S OF CORONA #17	1285 MAGNOLIA AVENUE	RCRA-SQG	Lower	878, 0.166, WSW
M58	LOWE'S OF CORONA #17	1285 MAGNOLIA AVE	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS	Lower	878, 0.166, WSW
L59	SIX PAC RECYCLING CO	1430 E 6TH ST	SWRCY, PROC, CIWQS	Lower	890, 0.169, North
L60	FRS ENVIRONMENTAL, I	1414 E. 6TH ST.	RCRA NonGen / NLR	Lower	890, 0.169, North
L61	SIX-PAC RECYCLING CO	1430 E SIXTH ST	RCRA-SQG, FINDS, NPDES, CIWQS, CERS	Lower	890, 0.169, North
L62	SIX-PAC RECYCLING CO	1430 E 6TH ST	RCRA NonGen / NLR	Lower	890, 0.169, North
L63	SIX PAC RECYCLING CO	1430 E 6TH ST	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	890, 0.169, North
L64	FRS ENVIRONMENTAL IN	1414 EAST SIXTH STRE	HWT	Lower	890, 0.169, North
65	PRODUCTION PARTNERS	1223 SHERBORN ST STE	RCRA NonGen / NLR	Higher	919, 0.174, SE
L66	1451 MAGNOLIA LLC	1436 E 6TH ST	RCRA-LQG	Lower	931, 0.176, North
L67	6TH AND CORONA	1436 EAST 6TH ST.	SEMS	Lower	931, 0.176, North
N68	DOWNS ENERGY	1226 MAGNOLIA AVE	UST	Higher	1013, 0.192, SSW
N69	DOWNS ENERGY	1226 MAGNOLIA AVE	RCRA NonGen / NLR	Higher	1013, 0.192, SSW
N70	DOWNS ENERGY	1226 MAGNOLIA AVE	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS	Higher	1013, 0.192, SSW
N71	DOWNS ENERGY MAGNOLI	1226 MAGNOLIA AVE	AST	Higher	1013, 0.192, SSW
72	AMOREPACIFIC US INC	1550 MAGNOLIA AVE, S	RCRA NonGen / NLR	Higher	1028, 0.195, East
L73	TRM MANUFACTURING	1433 E 6TH ST	RCRA NonGen / NLR	Lower	1074, 0.203, North
O74	SIX PAC IND INC	14296 E 6TH ST	HIST UST	Lower	1101, 0.209, North
P75	CORONA CLIPPER CO	14200 E SIXTH ST	SWEEPS UST, CA FID UST	Higher	1115, 0.211, NNE
P76	CORONA CLIPPER CO	14200 EAST 6TH STREE	HIST UST	Higher	1184, 0.224, NNE
O77	EXTRUMED DBA VESTA I	547 TRM CIRCLE	RCRA NonGen / NLR	Lower	1246, 0.236, North
78	TRADENET ENTERPRISE	1580 MAGNOLIA AVE	RCRA NonGen / NLR	Higher	1267, 0.240, ENE

MAPPED SITES SUMMARY

Target Property Address:
1375 MAGNOLIA
CORONA, CA 92879

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Q79	IMCO WASTE DISPOSAL	1385 EAST 6TH STREET	ENVIROSTOR, VCP, DEED, CERS	Lower	1274, 0.241, NNW
Q80	SEVENTEEN TWENTY OIL	1385 E 6TH ST	RCRA NonGen / NLR	Lower	1274, 0.241, NNW
R81	NATIONAL CERTIFIED F	1525 E 6TH ST	RCRA NonGen / NLR	Higher	1319, 0.250, NNE
R82	LEENCO, INC.	1525 E 6TH ST	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	1319, 0.250, NNE
83	CORONA INDUSTRIAL JV	1331 E 6TH ST	SWF/LF, HAZNET, HWTS	Lower	1592, 0.302, NW
S84	CORONA CROSS ROADS	N/A SHERBORN STREET	CPS-SLIC	Higher	1970, 0.373, SE
S85	CORONA CROSS ROADS	N/A SHERBORN STREET	CPS-SLIC, CERS	Higher	1970, 0.373, SE
T86	H&E ENGINEERING	958 EL SOBRANTE RD	SEMS-ARCHIVE	Lower	1984, 0.376, West
T87	WEST COAST EQUIPMENT	958 EL SOBRANTE RD	ENVIROSTOR, CERS HAZ WASTE, CERS TANKS, HAZNET,...	Lower	1984, 0.376, West
88	CALTRANS CORONA MAIN	842 EL SOBRANTE RD.	SWF/LF, CERS	Lower	2147, 0.407, WNW
U89	SHELL MAGNOLIA CORON	1205 MAGNOLIA AVE	LUST, Cortese, CERS	Higher	2155, 0.408, SW
U90	SHELL #1205	1205 MAGNOLIA AVE	LUST, CDL	Higher	2155, 0.408, SW
V91	THAKAR ALUMINUM	1462 QUARRY ST	SWF/LF, LUST, Cortese, CERS	Lower	2470, 0.468, NNW
V92	THAKAR ALUMINUM	1462 QUARRY ST	LUST, EMI, HIST CORTESE	Lower	2470, 0.468, NNW
93	B.P. JOHN RECYCLING,	1501 SHERBORN ROAD	SWF/LF, LDS, CERS	Higher	2564, 0.486, SE
94	CITY OF CORONA SITE	1601 SHERBORN RD	US BROWNFIELDS	Higher	2605, 0.493, ESE
95	NORCO ELEMENTARY SCH	1700 TEMESCAL AVENUE	ENVIROSTOR, SCH, CERS	Higher	2719, 0.515, NE
96	ALUMINUM & MAGNESIUM	1300 W. SAMPSON	ENVIROSTOR	Lower	2783, 0.527, NNW
97	PALOS VERDES BUILDIN	1675 SAMPSON AVE	RCRA-LQG, ENVIROSTOR, CERS HAZ WASTE, CHMIRS, US...	Higher	3058, 0.579, NNE
98	ALL AMERICAN ASPHALT	14224 MAGNOLIA	SEMS-ARCHIVE, ENVIROSTOR	Higher	3145, 0.596, ENE
99	GLENN A. SINGER, INC	1865 SAMPSON AVE	ENVIROSTOR	Higher	4435, 0.840, NE
100	CITY OF CORONA REDEV	EAST 6TH STREET: VAC	ENVIROSTOR	Higher	4615, 0.874, WNW
101	CENTENNIAL HIGH SCHO	1820 RIMPAU AVENUE	ENVIROSTOR, SCH, CIWQS	Higher	5000, 0.947, SSW
102	HOME GARDENS ELEMENT	13550 TOLTON AVENUE	ENVIROSTOR, SCH	Higher	5153, 0.976, ENE
103	SMOG CHECK OF CORONA	13537 MAGNOLIA AVE	LUST, Cortese, HIST CORTESE, Notify 65, CERS	Higher	5174, 0.980, ENE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
MERCURY RUBBER PRODU 1375-A MAGNOLIA AVEN CORONA, CA	RGA LF	N/A
CLOW VALVE CO 1375 MAGNOLIA AVE CORONA, CA 92879	CERS HAZ WASTE CERS TANKS EMI Facility Id: 18475 WDS Facility Status: A Facility Id: 8 33I007278 CIWQS CERS	N/A
CLOW VALVE COMPANY 1375 MAGNOLIA AVENUE CORONA, CA 92879	FINDS Registry ID:: 110002464887 ECHO Registry ID: 110002464887	N/A
SOUTHERN CALIFORNIA 1375 MAGNOLIA AVE CORONA, CA 92879	HAZNET GEPAID: CAC002584421 HWTS	N/A
CLOW VALVE, INC. 1375 MAGNOLIA AVENUE CORONA, CA 92879	RCRA-LQG EPA ID:: CAD063115133 ENVIROSTOR Facility Id: 71003713 Facility Id: 33330008 Status: Active Status: Refer: Other Agency CHMIRS OES Incident Number: 10-2313 ICIS FRS ID:: 110002464887 EMI Facility Id: 145781 NPDES Facility Status: Active	CAD063115133
CLOW VALVE CO 1375 MAGNOLIA AVE CORONA, CA 92879	HAZNET	N/A

	GEPAID: CAD063115133 HWTS	
CLOW VALVE COMPANY, 1375 MAGNOLIA AVE CORONA, CA 92879	AST Database: AST, Date of Government Version: 07/06/2016	N/A
RICH MFG CO OF CA #3 1375 MAGNOLIA CORONA, CA 91720	SEMS-ARCHIVE Site ID: 0903128 EPA Id: CAD982359820	CAD982359820
MAGNOLIA AVENUE WAST 1375-A MAGNOLIA AVE CORONA, CA	RGA LF	N/A
CLOW VALVE & ANACO 1375 MAGNOLIA AVE CORONA, CA 92879	FINDS Registry ID:: 110067123856	N/A
DF EQUIPMENT, INC 1375 MAGNOLIA AVE CORONA, CA 91719	HAZNET GEPAID: CAL000128363 HWTS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database

HAULERS Registered Waste Tire Haulers Listing
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
ODI Open Dump Inventory
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
HIST Cal-Sites Historical Calsites Database
SCH School Property Evaluation Program
CDL Clandestine Drug Labs
Toxic Pits Toxic Pits Cleanup Act Sites
US CDL National Clandestine Laboratory Register
PFAS PFAS Contamination Site Location Listing

Local Land Records

LIENS Environmental Liens Listing
LIENS 2 CERCLA Lien Information

Records of Emergency Release Reports

HMIRS Hazardous Materials Information Reporting System
LDS Land Disposal Sites Listing
MCS Military Cleanup Sites Listing
SPILLS 90 SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS Formerly Used Defense Sites
DOD Department of Defense Sites
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR Financial Assurance Information
EPA WATCH LIST EPA WATCH LIST
2020 COR ACTION 2020 Corrective Action Program List
TSCA Toxic Substances Control Act
TRIS Toxic Chemical Release Inventory System
SSTS Section 7 Tracking Systems
ROD Records Of Decision
RMP Risk Management Plans
RAATS RCRA Administrative Action Tracking System
PRP Potentially Responsible Parties
PADS PCB Activity Database System
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS Material Licensing Tracking System
COAL ASH DOE Steam-Electric Plant Operation Data
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER PCB Transformer Registration Database
RADINFO Radiation Information Database
HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS Incident and Accident Data
CONSENT Superfund (CERCLA) Consent Decrees
INDIAN RESERV Indian Reservations

FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
UXO ---- Unexploded Ordnance Sites
CA BOND EXP. PLAN ---- Bond Expenditure Plan
CUPA Listings ---- CUPA Resources List
DRYCLEANERS ---- Cleaner Facilities
ENF ---- Enforcement Action Listing
Financial Assurance ---- Financial Assurance Information Listing
ICE ---- ICE
HWP ---- EnviroStor Permitted Facilities Listing
MINES ---- Mines Site Location Listing
MWMP ---- Medical Waste Management Program Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
UIC ---- UIC Listing
UIC GEO ---- UIC GEO (GEOTRACKER)
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WIP ---- Well Investigation Program Case List
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---- PROJECT (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)
MINES MRDS ---- Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner ---- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST ---- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 12/30/2020 has revealed that there are 3 SEMS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHERBORN MAGNOLIA DR Site ID: 0905946 EPA Id: CAN000905946	***SHERBORN & MAGNOLIA***	***SSE 0 - 1/8 (0.008 mi.)***	***B12***	***165***
ADVANCED FUEL FILTRA Site ID: 0906122 EPA Id: CAN000906122	***1451 MAGNOLIA***	***NE 0 - 1/8 (0.087 mi.)***	***D30***	***254***

Lower Elevation	Address	Direction / Distance	Map ID	Page
6TH AND CORONA Site ID: 0909049 EPA Id: CAN000909049	1436 EAST 6TH ST.	N 1/8 - 1/4 (0.176 mi.)	L67	503

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 12/30/2020 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
H&E ENGINEERING Site ID: 0902214	958 EL SOBRANTE RD	W 1/4 - 1/2 (0.376 mi.)	T86	606

EPA Id: CAD980892541

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON 303835 EPA ID:: CAR000201764	***1315 MAGNOLIA AVE***	***SW 0 - 1/8 (0.058 mi.)***	***E21***	***203***

Lower Elevation	Address	Direction / Distance	Map ID	Page
1451 MAGNOLIA LLC EPA ID:: CAD982500340	1436 E 6TH ST	N 1/8 - 1/4 (0.176 mi.)	L66	499

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOHNS MANVILLE EPA ID:: CAD000630004	***1251 MAGNOLIA***	***SW 0 - 1/8 (0.123 mi.)***	***I42***	***336***
GAIL TRUCKING EPA ID:: CAD983643818	***1256 MAGNOLIA***	***SW 1/8 - 1/4 (0.129 mi.)***	***I47***	***362***
ROMAR FLEET SVC EPA ID:: CAD983651910	***1248 MAGNOLIA AVE***	***SW 1/8 - 1/4 (0.141 mi.)***	***I52***	***383***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANACO EPA ID:: CAR000068775	1001 EL CAMINO AVE	NW 0 - 1/8 (0.011 mi.)	C14	167
LOWE'S OF CORONA #17 EPA ID:: CAR000279968	1285 MAGNOLIA AVENUE	WSW 1/8 - 1/4 (0.166 mi.)	M57	397
SIX-PAC RECYCLING CO EPA ID:: CAR000073924	***1430 E SIXTH ST***	***N 1/8 - 1/4 (0.169 mi.)***	***L61***	***475***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/26/2020 has revealed that there are 10 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORCO ELEMENTARY SCH Facility Id: 60002351 Status: No Further Action	***1700 TEMESCAL AVENUE***	***NE 1/2 - 1 (0.515 mi.)***	***95***	***640***
PALOS VERDES BUILDIN Facility Id: 71003132 Facility Id: 60002730 Status: Inactive - Needs Evaluation Status: Active	***1675 SAMPSON AVE***	***NNE 1/2 - 1 (0.579 mi.)***	***97***	***645***
ALL AMERICAN ASPHALT Facility Id: 33290069 Status: Refer: Other Agency	***14224 MAGNOLIA***	***ENE 1/2 - 1 (0.596 mi.)***	***98***	***717***
GLENN A. SINGER, INC Facility Id: 71003811 Status: Refer: Other Agency	1865 SAMPSON AVE	NE 1/2 - 1 (0.840 mi.)	99	720
CITY OF CORONA REDEV Facility Id: 60000996 Status: No Further Action	EAST 6TH STREET: VAC	WNW 1/2 - 1 (0.874 mi.)	100	721
CENTENNIAL HIGH SCHO Facility Id: 33820003 Facility Id: 60000843 Status: No Further Action	***1820 RIMPAU AVENUE***	***SSW 1/2 - 1 (0.947 mi.)***	***101***	***722***
HOME GARDENS ELEMENT Facility Id: 60000836 Status: Certified	***13550 TOLTON AVENUE***	***ENE 1/2 - 1 (0.976 mi.)***	***102***	***728***

Lower Elevation	Address	Direction / Distance	Map ID	Page
IMCO WASTE DISPOSAL Facility Id: 33500001 Status: Certified O&M - Land Use Restrictions Only	***1385 EAST 6TH STREET***	***NNW 1/8 - 1/4 (0.241 mi.)***	***Q79***	***577***
WEST COAST EQUIPMENT Facility Id: 33340011 Status: Refer: Other Agency	***958 EL SOBRANTE RD***	***W 1/4 - 1/2 (0.376 mi.)***	***T87***	***607***
ALUMINUM & MAGNESIUM	1300 W. SAMPSON	NNW 1/2 - 1 (0.527 mi.)	96	644

Facility Id: 60000220
Status: Inactive - Needs Evaluation

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 6 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CORONA DISPOSAL SITE	***1330 MAGNOLIA AVE***	***SSW 0 - 1/8 (0.016 mi.)***	***15***	***170***
Database: SWF/LF (SWIS), Date of Government Version: 11/09/2020 Facility ID: 33-AA-0004 Facility ID: 33-AA-0323 Operational Status: Closed Regulation Status: Permitted Regulation Status: Notification				
CORONA TRUCK SALVAGE	1200 SHERBORN	SSE 1/8 - 1/4 (0.163 mi.)	K54	387
Database: SWF/LF (SWIS), Date of Government Version: 11/09/2020 Facility ID: 33-AA-0293 Operational Status: Closed Regulation Status: TBD (Pending Investigation)				
B.P. JOHN RECYCLING,	***1501 SHERBORN ROAD***	***SE 1/4 - 1/2 (0.486 mi.)***	***93***	***632***
Database: SWF/LF (SWIS), Date of Government Version: 11/09/2020 Facility ID: 33-AA-0304 Operational Status: Closed Regulation Status: Notification				

Lower Elevation	Address	Direction / Distance	Map ID	Page
CORONA INDUSTRIAL JV	***1331 E 6TH ST***	***NW 1/4 - 1/2 (0.302 mi.)***	***83***	***601***
Database: SWF/LF (SWIS), Date of Government Version: 11/09/2020 Facility ID: 33-CR-0069 Operational Status: Closed Regulation Status: Pre-regulation				
CALTRANS CORONA MAIN	***842 EL SOBRANTE RD.***	***WNW 1/4 - 1/2 (0.407 mi.)***	***88***	***616***
Database: SWF/LF (SWIS), Date of Government Version: 11/09/2020 Facility ID: 33-AA-0330 Operational Status: Active Regulation Status: Notification				
THAKAR ALUMINUM	***1462 QUARRY ST***	***NNW 1/4 - 1/2 (0.468 mi.)***	***V91***	***626***
Database: SWF/LF (SWIS), Date of Government Version: 11/09/2020 Facility ID: 33-AA-0222 Operational Status: Closed Regulation Status: Exempt				

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOWNS OIL CO INC	***1296 MAGNOLIA AVE***	***SSW 0 - 1/8 (0.115 mi.)***	***J37***	***294***
Database: RIVERSIDE CO. LUST, Date of Government Version: 10/06/2020 Database: LUST, Date of Government Version: 12/04/2020 Status: Completed - Case Closed Facility Id: 970639 Global Id: T0606500496 Facility Status: 9				
DOWNS ENERGY	***1296 MAGNOLIA AVE***	***SSW 0 - 1/8 (0.115 mi.)***	***J38***	***300***
Database: RIVERSIDE CO. LUST, Date of Government Version: 10/06/2020 Database: LUST, Date of Government Version: 12/04/2020 Status: Completed - Case Closed Facility Id: 2016RO6600628 Global Id: T10000008937 Facility Status: 9				
DOWN'S OIL	***1296***	***SSW 0 - 1/8 (0.115 mi.)***	***J41***	***335***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Leak being confirmed Global ID: T0606500496				
ASSOCIATED READY MIX	***1480 MAGNOLIA***	***E 1/8 - 1/4 (0.134 mi.)***	***G49***	***367***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: RIVERSIDE CO. LUST, Date of Government Version: 10/06/2020 Database: LUST, Date of Government Version: 12/04/2020 Status: Completed - Case Closed Facility Status: Case Closed Facility Id: 91108 Global Id: T0606500229 Facility Status: 9 Global ID: T0606500229				
SHELL MAGNOLIA CORON	***1205 MAGNOLIA AVE***	***SW 1/4 - 1/2 (0.408 mi.)***	***U89***	***620***
Database: RIVERSIDE CO. LUST, Date of Government Version: 10/06/2020 Database: LUST, Date of Government Version: 12/04/2020 Status: Completed - Case Closed Facility Id: 91850 Global Id: T0606500247 Facility Status: 9				
SHELL #1205	***1205 MAGNOLIA AVE***	***SW 1/4 - 1/2 (0.408 mi.)***	***U90***	***625***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Post remedial action monitoring Global ID: T0606500247				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIX-PAC INDUSTRIES	***1428 E SIXTH ST***	***N 1/8 - 1/4 (0.166 mi.)***	***L55***	***388***
Database: RIVERSIDE CO. LUST, Date of Government Version: 10/06/2020 Database: LUST, Date of Government Version: 12/04/2020				

Status: Completed - Case Closed
Facility Id: 92142
Global Id: T0606500261
Facility Status: 9

THAKAR ALUMINUM ***1462 QUARRY ST*** ***NNW 1/4 - 1/2 (0.468 mi.)*** ***V91*** ***626***
Database: RIVERSIDE CO. LUST, Date of Government Version: 10/06/2020
Database: LUST, Date of Government Version: 12/04/2020
Status: Completed - Case Closed
Facility Id: 90489
Global Id: T0606500188
Facility Status: 9

THAKAR ALUMINUM ***1462 QUARRY ST*** ***NNW 1/4 - 1/2 (0.468 mi.)*** ***V92*** ***630***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Pollution Characterization
Global ID: T0606500188

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 3 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CT CORONA	***1451 MAGNOLIA AVE X***	***NE 0 - 1/8 (0.087 mi.)***	***D31***	***257***
Database: CPS-SLIC, Date of Government Version: 12/04/2020 Facility Status: Completed - Case Closed Global Id: T10000005860				
CORONA CROSS ROADS	N/A SHERBORN STREET	SE 1/4 - 1/2 (0.373 mi.)	S84	605
Database: CPS-SLIC, Date of Government Version: 12/04/2020 Facility Status: Completed - Case Closed Global Id: SLT8R1264164				
CORONA CROSS ROADS	***N/A SHERBORN STREET***	***SE 1/4 - 1/2 (0.373 mi.)***	***S85***	***605***
Database: SLIC REG 8, Date of Government Version: 04/03/2008 Facility Status: Closed				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION #303	1315 MAGNOLIA AVE	SW 0 - 1/8 (0.058 mi.)	E20	203
Database: RIVERSIDE CO. UST, Date of Government Version: 10/06/2020				
CHEVRON STATION # 30	1315 MAGNOLIA AVE	SW 0 - 1/8 (0.058 mi.)	E22	239
Database: UST, Date of Government Version: 12/04/2020				

Facility Id: FA0032392

DOWNS ENERGY MAGNOLI 1296 MAGNOLIA AVE SSW 0 - 1/8 (0.115 mi.) J36 294
Database: UST, Date of Government Version: 12/04/2020
Facility Id: 285
Facility Id: FA0021765

DOWNS ENERGY 1226 MAGNOLIA AVE SSW 1/8 - 1/4 (0.192 mi.) N68 503
Database: RIVERSIDE CO. UST, Date of Government Version: 10/06/2020
Database: UST, Date of Government Version: 12/04/2020
Facility Id: FA0025310

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 6 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOWNS ENERGY 1280 MA Database: AST, Date of Government Version: 07/06/2016	1280 MAGNOLIA AVE	SSW 0 - 1/8 (0.079 mi.)	E25	242
HAITBRINK ASPHALT PA Database: AST, Date of Government Version: 07/06/2016	1480 MAGNOLIA AVE	E 1/8 - 1/4 (0.134 mi.)	G50	380
DOWNS ENERGY 1232 MA Database: AST, Date of Government Version: 07/06/2016	1232 MAGNOLIA AVE	SW 1/8 - 1/4 (0.151 mi.)	I53	386
DOWNS ENERGY MAGNOLI Database: AST, Date of Government Version: 07/06/2016	1226 MAGNOLIA AVE	SSW 1/8 - 1/4 (0.192 mi.)	N71	564

Lower Elevation	Address	Direction / Distance	Map ID	Page
ANACO, A DIV. OF MCW Database: AST, Date of Government Version: 07/06/2016	1001 EL CAMINO AVE	NW 0 - 1/8 (0.011 mi.)	C13	166
LOWE'S #1743 Database: AST, Date of Government Version: 07/06/2016	1285 MAGNOLIA AVE	WSW 1/8 - 1/4 (0.166 mi.)	M56	396

State and tribal voluntary cleanup sites

VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the VCP list, as provided by EDR, and dated 10/26/2020 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
IMCO WASTE DISPOSAL Status: Certified O&M - Land Use Restrictions Only Facility Id: 33500001	***1385 EAST 6TH STREET***	***NNW 1/8 - 1/4 (0.241 mi.)***	***Q79***	***577***

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/11/2020 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF CORONA SITE Cleanup Completion Date: - ACRES property ID: 48321	1601 SHERBORN RD	ESE 1/4 - 1/2 (0.493 mi.)	94	635

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 12/07/2020 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIX PAC RECYCLING CO Cert Id: RC2750	***1430 E 6TH ST***	***N 1/8 - 1/4 (0.169 mi.)***	***L59***	***467***

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/19/2020 has revealed that there are 11 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACK #5349	***1315 MAGNOLIA AVE ST***	***SW 0 - 1/8 (0.058 mi.)***	***E19***	***188***
MELS FOREIGN	***1450 MAGNOLIA AVE***	***E 0 - 1/8 (0.085 mi.)***	***G29***	***250***
ACROMIL LLC	***1168 SHERBORN ST***	***SSE 1/8 - 1/4 (0.127 mi.)***	***K46***	***352***
ASSOCIATED READY MIX	***1480 MAGNOLIA***	***E 1/8 - 1/4 (0.134 mi.)***	***G49***	***367***
DOWNS ENERGY	***1226 MAGNOLIA AVE***	***SSW 1/8 - 1/4 (0.192 mi.)***	***N70***	***506***
LEENCO, INC.	***1525 E 6TH ST***	***NNE 1/8 - 1/4 (0.250 mi.)***	***R82***	***597***

Lower Elevation	Address	Direction / Distance	Map ID	Page
INDIANA AUTO WRECKIN	***1480 E SIXTH ST***	***NE 0 - 1/8 (0.055 mi.)***	***D18***	***182***
VERIZON WIRELESS: AM	***866 EL CAMINO AVENUE***	***NNW 0 - 1/8 (0.093 mi.)***	***H32***	***258***
SIX-PAC INDUSTRIES	***1428 E SIXTH ST***	***N 1/8 - 1/4 (0.166 mi.)***	***L55***	***388***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOWE'S OF CORONA #17	***1285 MAGNOLIA AVE***	***WSW 1/8 - 1/4 (0.166 mi.)***	***M58***	***402***
SIX PAC RECYCLING CO	***1430 E 6TH ST***	***N 1/8 - 1/4 (0.169 mi.)***	***L63***	***489***

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CORONA CLIPPER CO	***14200 E SIXTH ST***	***NNE 1/8 - 1/4 (0.211 mi.)***	***P75***	***570***
Status: A				
Tank Status: A				
Comp Number: 67573				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIX-PAC INDUSTRIES	***1428 E SIXTH ST***	***N 1/8 - 1/4 (0.166 mi.)***	***L55***	***388***
Status: A				
Tank Status: A				
Comp Number: 5836				

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANVILLE BUILDING MA	***1251 MAGNOLIA AVENUE***	***SW 0 - 1/8 (0.123 mi.)***	***I43***	***342***
Facility Id: 00000004637				
CORONA CLIPPER CO	14200 EAST 6TH STREE	NNE 1/8 - 1/4 (0.224 mi.)	P76	571
Facility Id: 00000067573				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIX PAC IND INC	14296 E 6TH ST	N 1/8 - 1/4 (0.209 mi.)	O74	569
Facility Id: 00000005836				

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 2 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CORONA CLIPPER CO Facility Id: 33002995 Status: A	***14200 E SIXTH ST***	***NNE 1/8 - 1/4 (0.211 mi.)***	***P75***	***570***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIX-PAC INDUSTRIES Facility Id: 33004398 Status: A	***1428 E SIXTH ST***	***N 1/8 - 1/4 (0.166 mi.)***	***L55***	***388***

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 10/19/2020 has revealed that there are 5 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACK #5349	***1315 MAGNOLIA AVE ST***	***SW 0 - 1/8 (0.058 mi.)***	***E19***	***188***
ACROMIL LLC	***1168 SHERBORN ST***	***SSE 1/8 - 1/4 (0.127 mi.)***	***K46***	***352***
ASSOCIATED READY MIX	***1480 MAGNOLIA***	***E 1/8 - 1/4 (0.134 mi.)***	***G49***	***367***
DOWNS ENERGY	***1226 MAGNOLIA AVE***	***SSW 1/8 - 1/4 (0.192 mi.)***	***N70***	***506***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOWE'S OF CORONA #17	***1285 MAGNOLIA AVE***	***WSW 1/8 - 1/4 (0.166 mi.)***	***M58***	***402***

Local Land Records

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 11/30/2020 has revealed that there is 1 DEED site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
IMCO WASTE DISPOSAL Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY Envirostor ID: 33500001	***1385 EAST 6TH STREET***	***NNW 1/8 - 1/4 (0.241 mi.)***	***Q79***	***577***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that there are 23 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPENUZZA BROS INC DB EPA ID:: CAL000298007	1128 SHERBORN ST	SSE 0 - 1/8 (0.054 mi.)	B16	177
CORONA AUTO PARTS RE EPA ID:: CAL000196134	1450 MAGNOLIA AVE	E 0 - 1/8 (0.085 mi.)	G28	248
FEROZ RUCK SERVICE L EPA ID:: CAL000403450	1264 MAGNOLIA AVE	SSW 0 - 1/8 (0.113 mi.)	I35	291
BTL MACHINE EPA ID:: CAL000311732	1168 SHERBORN ST	SSE 1/8 - 1/4 (0.127 mi.)	K44	347
ACROMIL LLC EPA ID:: CAL000439965	1168 SHERBORN ST	SSE 1/8 - 1/4 (0.127 mi.)	K45	350
HAITBRINK ASPHALT PA EPA ID:: CAL000413384	1480 MAGNOLIA AVE	E 1/8 - 1/4 (0.134 mi.)	G48	365
CORONA FLEET & AUTOM EPA ID:: CAL000439162	1248 MAGNOLIA AVE	SW 1/8 - 1/4 (0.141 mi.)	I51	381
PRODUCTION PARTNERS EPA ID:: CAL000346225	1223 SHERBORN ST STE	SE 1/8 - 1/4 (0.174 mi.)	65	496
DOWNS ENERGY EPA ID:: CAL000200488	1226 MAGNOLIA AVE	SSW 1/8 - 1/4 (0.192 mi.)	N69	504
AMOREPACIFIC US INC EPA ID:: CAC002969025	1550 MAGNOLIA AVE, S	E 1/8 - 1/4 (0.195 mi.)	72	564
TRADENET ENTERPRISE EPA ID:: CAC002999988	1580 MAGNOLIA AVE	ENE 1/8 - 1/4 (0.240 mi.)	78	574
NATIONAL CERTIFIED F EPA ID:: CAL000268169	1525 E 6TH ST	NNE 1/8 - 1/4 (0.250 mi.)	R81	594

Lower Elevation	Address	Direction / Distance	Map ID	Page
INDIANA AUTO WRECKIN EPA ID:: CAL000097604	1480 E 6TH ST	NE 0 - 1/8 (0.055 mi.)	D17	179
OPTIMUM WELLNESS & L EPA ID:: CAL000366753	1315 CORONA POINTE C	WNW 0 - 1/8 (0.067 mi.)	24	240
PARTY CITY CORP DBA EPA ID:: CAC003031557	1160 EL CAMINO AVE	WSW 0 - 1/8 (0.085 mi.)	F26	243
OFFICE DEPOT 2324 EPA ID:: CAL000420847	1160 EL CAMINO AVE	WSW 0 - 1/8 (0.085 mi.)	F27	245
PETE'S ROAD SERVICE	866 EL CAMINO AVE	NNW 0 - 1/8 (0.093 mi.)	H33	286

EPA ID:: CAL000274552				
CITY OF HOPE CORONA EPA ID:: CAL000410963	1280 CORONA POINTE C	W 0 - 1/8 (0.096 mi.)	34	289
FRS ENVIRONMENTAL, I EPA ID:: CAL000224539	1414 E. 6TH ST.	N 1/8 - 1/4 (0.169 mi.)	L60	469
SIX-PAC RECYCLING CO EPA ID:: CAL000026569	1430 E 6TH ST	N 1/8 - 1/4 (0.169 mi.)	L62	487
TRM MANUFACTURING EPA ID:: CAL000288777	1433 E 6TH ST	N 1/8 - 1/4 (0.203 mi.)	L73	567
EXTRUMED DBA VESTA I EPA ID:: CAL000422905	547 TRM CIRCLE	N 1/8 - 1/4 (0.236 mi.)	O77	572
SEVENTEEN TWENTY OIL EPA ID:: CAL000448819	1385 E 6TH ST	NNW 1/8 - 1/4 (0.241 mi.)	Q80	592

FUELS PROGRAM: This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

A review of the FUELS PROGRAM list, as provided by EDR, and dated 11/13/2020 has revealed that there is 1 FUELS PROGRAM site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOWNS OIL CO INC Company Seq ID: 5657 Facility ID: 83062	1296 MAGNOLIA AVE	SSW 0 - 1/8 (0.115 mi.)	J40	335

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 06/22/2020 has revealed that there are 6 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOWNS OIL CO INC Cleanup Status: COMPLETED - CASE CLOSED	***1296 MAGNOLIA AVE***	***SSW 0 - 1/8 (0.115 mi.)***	***J37***	***294***
DOWNS ENERGY Cleanup Status: COMPLETED - CASE CLOSED	***1296 MAGNOLIA AVE***	***SSW 0 - 1/8 (0.115 mi.)***	***J38***	***300***
ASSOCIATED READY MIX Cleanup Status: COMPLETED - CASE CLOSED	***1480 MAGNOLIA***	***E 1/8 - 1/4 (0.134 mi.)***	***G49***	***367***
SHELL MAGNOLIA CORON Cleanup Status: COMPLETED - CASE CLOSED	***1205 MAGNOLIA AVE***	***SW 1/4 - 1/2 (0.408 mi.)***	***U89***	***620***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIX-PAC INDUSTRIES Cleanup Status: COMPLETED - CASE CLOSED	***1428 E SIXTH ST***	***N 1/8 - 1/4 (0.166 mi.)***	***L55***	***388***
THAKAR ALUMINUM Cleanup Status: COMPLETED - CASE CLOSED	***1462 QUARRY ST***	***NNW 1/4 - 1/2 (0.468 mi.)***	***V91***	***626***

EXECUTIVE SUMMARY

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DOWN'S OIL Reg Id: 083303020T	***1296***	***SSW 0 - 1/8 (0.115 mi.)***	***J41***	***335***
ASSOCIATED READY MIX Reg Id: 083301782T	***1480 MAGNOLIA***	***E 1/8 - 1/4 (0.134 mi.)***	***G49***	***367***

Lower Elevation	Address	Direction / Distance	Map ID	Page
THAKAR ALUMINUM Reg Id: 083301552T	***1462 QUARRY ST***	***NNW 1/4 - 1/2 (0.468 mi.)***	***V92***	***630***

HWT: A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

A review of the HWT list, as provided by EDR, and dated 10/05/2020 has revealed that there is 1 HWT site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FRS ENVIRONMENTAL IN Reg Num: 3711	1414 EAST SIXTH STRE	N 1/8 - 1/4 (0.169 mi.)	L64	496

PROC: A listing of certified processors.

A review of the PROC list, as provided by EDR, and dated 12/07/2020 has revealed that there is 1 PROC site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIX PAC RECYCLING CO Cert Id: PR0295 Reg Id: 18821	***1430 E 6TH ST***	***N 1/8 - 1/4 (0.169 mi.)***	***L59***	***467***

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 12/07/2020 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SMOG CHECK OF CORONA	***13537 MAGNOLIA AVE***	***ENE 1/2 - 1 (0.980 mi.)***	***103***	***733***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

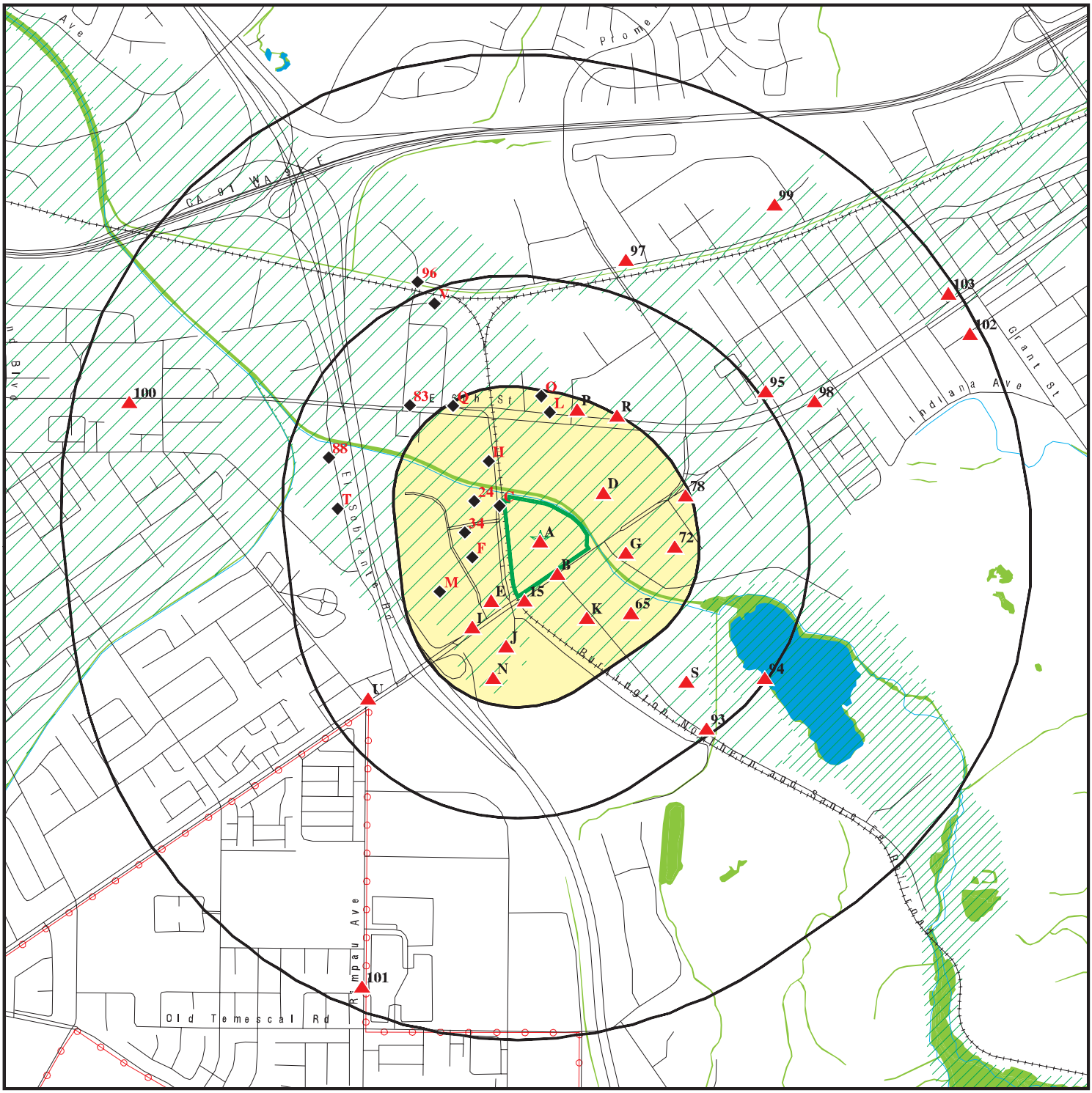
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
QUICK STUFF	1315 MAGNOLIA AVE	SW 0 - 1/8 (0.058 mi.)	E23	239
DOWNS ENERGY	1296 MAGNOLIA AVE	SSW 0 - 1/8 (0.115 mi.)	J39	334

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

Site Name	Database(s)
FULLERTON AVE MAGNOLIA AVE	CIWQS
MAGNOLIA AVE SO 3 6TH ST	CIWQS
	CDL

OVERVIEW MAP - 6388926.2S

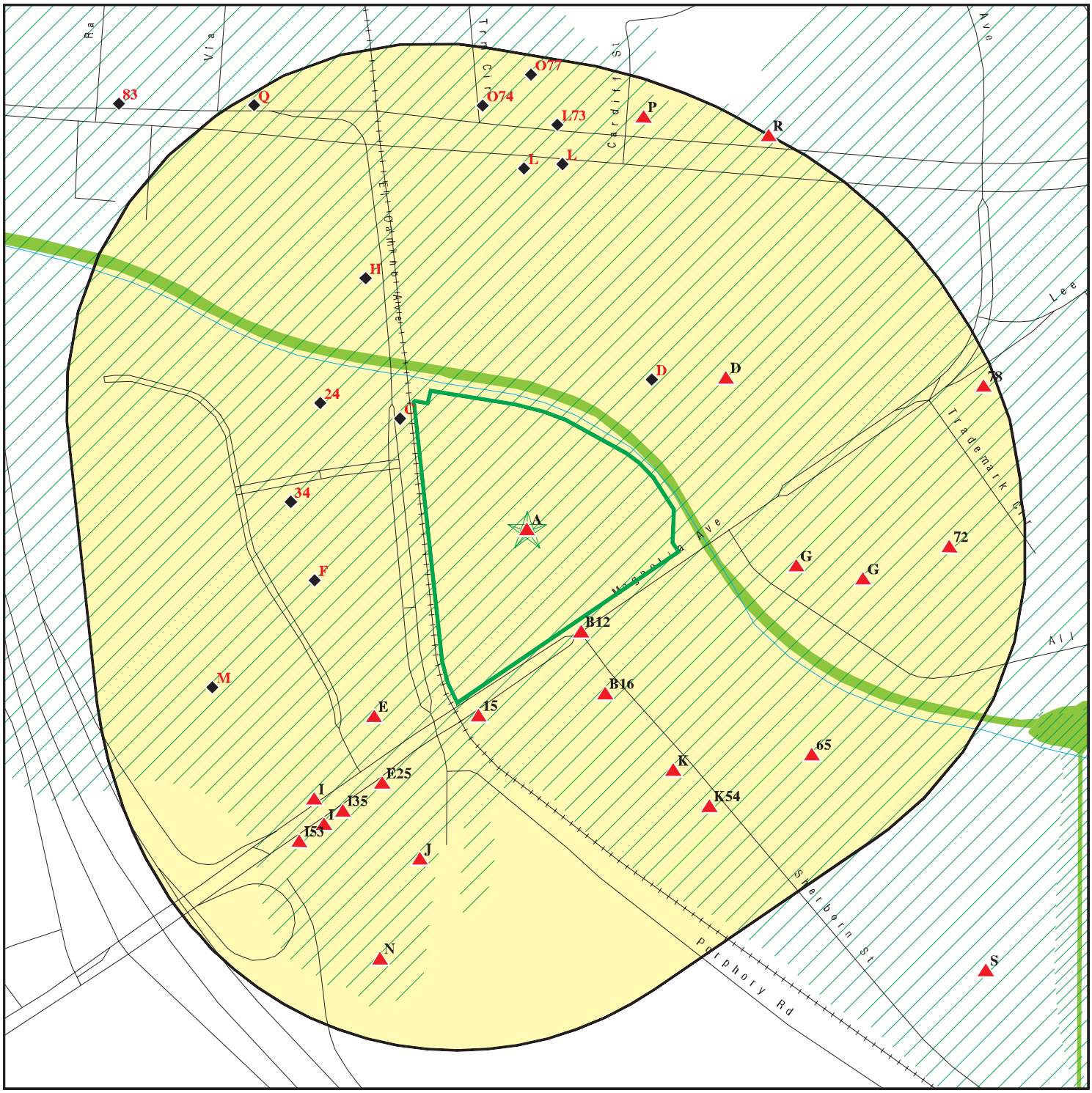


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1375 Magnolia ADDRESS: 1375 Magnolia Corona CA 92879 LAT/LONG: 33.869891 / 117.537775	CLIENT: Hazard Management Consulting CONTACT: Mark Cousineau INQUIRY #: 6388926.2s DATE: March 03, 2021 11:18 am

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DETAIL MAP - 6388926.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	1375 Magnolia	CLIENT:	Hazard Management Consulting
ADDRESS:	1375 Magnolia Corona CA 92879	CONTACT:	Mark Cousineau
		INQUIRY #:	6388926.2s
LAT/LONG:	33.869891 / 117.537775	DATE:	March 03, 2021 11:23 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		2	1	0	NR	NR	3
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500	1	0	0	1	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250	1	1	1	NR	NR	NR	3
RCRA-SQG	0.250		2	4	NR	NR	NR	6
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000	1	0	1	1	8	NR	11
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		1	1	4	NR	NR	6
State and tribal leaking storage tank lists								
LUST	0.500		3	2	4	NR	NR	9

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		1	0	2	NR	NR	3
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		3	1	NR	NR	NR	4
AST	0.250	1	2	4	NR	NR	NR	7
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	1	0	NR	NR	1
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	1	0	NR	NR	1
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250	1	4	7	NR	NR	NR	12
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	2	NR	NR	NR	2
HIST UST	0.250		1	2	NR	NR	NR	3
CA FID UST	0.250		0	2	NR	NR	NR	2
CERS TANKS	0.250	1	1	4	NR	NR	NR	6
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	1	0	NR	NR	1
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001	1	0	NR	NR	NR	NR	1
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		9	14	NR	NR	NR	23
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001	1	0	NR	NR	NR	NR	1
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	2	0	NR	NR	NR	NR	2
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001	1	0	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		1	0	NR	NR	NR	1
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		2	2	2	NR	NR	6
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001	2	0	NR	NR	NR	NR	2
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	3	0	NR	NR	NR	NR	3
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	1	1	NR	NR	3
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	1	NR	NR	NR	1
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001	1	0	NR	NR	NR	NR	1
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	1	0	NR	NR	1
Notify 65	1.000		0	0	0	1	NR	1
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001	1	0	NR	NR	NR	NR	1
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001	1	0	NR	NR	NR	NR	1
CERS	0.001	1	0	NR	NR	NR	NR	1
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
HWTS	TP	3	NR	NR	NR	NR	NR	3
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001	2	0	NR	NR	NR	NR	2
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		25	36	54	16	9	0	140

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 MERCURY RUBBER PRODUCTS **RGA LF** **S114730316**
Target 1375-A MAGNOLIA AVENUE **N/A**
Property CORONA, CA

Site 1 of 11 in cluster A

Actual: 648 ft.

RGA LF:
Name: MERCURY RUBBER PRODUCTS
Address: 1375-A MAGNOLIA AVENUE
City: CORONA
State: CORONA
1997 MERCURY RUBBER PRODUCTS 1375-A MAGNOLIA AVENUE
Name: MERCURY RUBBER PRODUCTS
Address: 1375-A MAGNOLIA AVENUE
City: CORONA
State: CORONA
1996 MERCURY RUBBER PRODUCTS 1375-A MAGNOLIA AVENUE

A2 CLOW VALVE CO **CERS HAZ WASTE** **S105937252**
Target 1375 MAGNOLIA AVE **CERS TANKS** **N/A**
Property CORONA, CA 92879 **EMI**
WDS
Site 2 of 11 in cluster A **CIWQS**
CERS

Actual: 648 ft.

CERS HAZ WASTE:
Name: CLOW VALVE COMPANY, A DIV OF MCWANE INC
Address: 1375 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Site ID: 106923
CERS ID: 10116598
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: CLOW VALVE COMPANY, A DIV OF MCWANE INC
Address: 1375 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Site ID: 106923
CERS ID: 10116598
CERS Description: Aboveground Petroleum Storage

EMI:
Name: CLOW CORP
Address: 1375 MAGNOLIA AVE.
City,State,Zip: CORONA, CA 91719
Year: 1987
County Code: 33
Air Basin: SC
Facility ID: 18475
Air District Name: SC
SIC Code: 3321
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 19
Reactive Organic Gases Tons/Yr: 16
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0

CLOW VALVE CO (Continued) **S105937252**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name:	CLOW CORP
Address:	1375 MAGNOLIA AVE.
City,State,Zip:	CORONA, CA 91719
Year:	1990
County Code:	33
Air Basin:	SC
Facility ID:	18475
Air District Name:	SC
SIC Code:	3321
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE.
City,State,Zip:	CORONA, CA 91719
Year:	1993
County Code:	33
Air Basin:	SC
Facility ID:	18475
Air District Name:	SC
SIC Code:	3321
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE.
City,State,Zip:	CORONA, CA 91719
Year:	1995
County Code:	33
Air Basin:	SC
Facility ID:	18475
Air District Name:	SC
SIC Code:	3321
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0

CLOW VALVE CO (Continued) **S105937252**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVE
City,State,Zip: CORONA, CA 91719
Year: 1996
County Code: 33
Air Basin: SC
Facility ID: 18475
Air District Name: SC
SIC Code: 3321
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 6
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVE.
City,State,Zip: CORONA, CA 91719
Year: 1997
County Code: 33
Air Basin: SC
Facility ID: 18475
Air District Name: SC
SIC Code: 3494
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 6
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVE.
City,State,Zip: CORONA, CA 91719
Year: 1998
County Code: 33
Air Basin: SC
Facility ID: 18475
Air District Name: SC
SIC Code: 3494
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

CLOW VALVE CO (Continued) **S105937252**

Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE.
City,State,Zip:	CORONA, CA 91719
Year:	1999
County Code:	33
Air Basin:	SC
Facility ID:	18475
Air District Name:	SC
SIC Code:	3494
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE.
City,State,Zip:	CORONA, CA 91719
Year:	2000
County Code:	33
Air Basin:	SC
Facility ID:	18475
Air District Name:	SC
SIC Code:	3494
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	6
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE.
City,State,Zip:	CORONA, CA 91719
Year:	2001
County Code:	33
Air Basin:	SC
Facility ID:	18475
Air District Name:	SC
SIC Code:	3494

CLOW VALVE CO (Continued) **S105937252**

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 91719
Year:	2002
County Code:	33
Air Basin:	SC
Facility ID:	18475
Air District Name:	SC
SIC Code:	3494
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 91719
Year:	2003
County Code:	33
Air Basin:	SC
Facility ID:	18475
Air District Name:	SC
SIC Code:	3494
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 91719
Year:	2004
County Code:	33
Air Basin:	SC

CLOW VALVE CO (Continued) **S105937252**

Facility ID:	18475
Air District Name:	SC
SIC Code:	3494
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.44985
Reactive Organic Gases Tons/Yr:	4.76
Carbon Monoxide Emissions Tons/Yr:	0.0262
NOX - Oxides of Nitrogen Tons/Yr:	0.0975
SOX - Oxides of Sulphur Tons/Yr:	0.000623
Particulate Matter Tons/Yr:	0.12718
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.09

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 91719
Year:	2005
County Code:	33
Air Basin:	SC
Facility ID:	18475
Air District Name:	SC
SIC Code:	3494
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2.652415
Reactive Organic Gases Tons/Yr:	2.6026184415
Carbon Monoxide Emissions Tons/Yr:	.0145
NOX - Oxides of Nitrogen Tons/Yr:	.054
SOX - Oxides of Sulphur Tons/Yr:	.000245
Particulate Matter Tons/Yr:	.10977
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.1055036

WDS:

Name:	CLOW VALVE CO.
Address:	1375 MAGNOLIA AVE.
City:	CORONA
Facility ID:	Santa Ana River 33I007278
Facility Type:	Not reported
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	8
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	MC WANE INC.
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Not reported
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported

CLOW VALVE CO (Continued) **S105937252**

Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Agency:	McWane Inc
Agency Address:	1375 Magnolia Ave, Corona, CA 92879
Place/Project Type:	Industrial - Valves and Pipe Fittings, NEC
SIC/NAICS:	3494(+)
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 33I007278
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	06/26/1992
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.86988
Longitude:	-117.53777

CERS:

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Site ID:	529440
CERS ID:	214900

CLOW VALVE CO (Continued) **S105937252**

CERS Description: Industrial Facility Storm Water

Violations:

Site ID: 529440
Site Name: Clow Valve Co
Violation Date: 07-02-1999
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient Report
Violation Notes: Non-submittal of Annual Report. Due 7//1/1999
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 529440
Site Name: Clow Valve Co
Violation Date: 10-17-2000
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: SWPPP needs updating, need training, elevated analytical results, oil on ground, no BMPS implemented.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2019
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: An inpection was conducted by regional board staff, Keith Elliott, Maria Marquez and Reyna Mendoza. Tiffanny Smith, the facility Environmental Manager led the inspection. The SWPP was available and recently updated in August 2019. The last BMP monthly inspection was dated 11/25/2019. The 3 discharge points had multiple types of BMPs (waddles) to filter TSS and some metals. One of the waddles contained zeollite catalyst. The north A discharge point line had canaster filters. Housekeeping appeared to be in good condition.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-22-2009
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: B Type compliance (no sampling) inspection:Site appears well maintained. Zinc is .06 vs 0.1. Iron is 1.2 vs 1.0. Aluminum is .7 vs. .75. TSS is only 23 and conductivity is only 36. They have made some effort to filter runoff with homemade filter inserts.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Enforcement Action:

Site ID: 529440
Site Name: Clow Valve Co
Site Address: 1375 MAGNOLIA AVE

CLOW VALVE CO (Continued) **S105937252**

Site City: CORONA
Site Zip: 92879
Enf Action Date: 10-19-2000
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: NOV issued. Took a while to get SWPPP revised.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: McWane Inc
Entity Title: Operator
Affiliation Address: 1375 Magnolia Ave
Affiliation City: Corona
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92879
Affiliation Phone: Not reported

Name: CLOW VALVE COMPANY, A DIV OF MCWANE INC
Address: 1375 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Site ID: 106923
CERS ID: 10116598
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 106923
Site Name: Clow Valve Company, a div of McWane Inc
Violation Date: 10-26-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 11/15/2016. 104B - Post emergency numbers (found in CERS Emergency Response Plan) in conspicuous location. Make sure the font size is large.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 106923
Site Name: Clow Valve Company, a div of McWane Inc
Violation Date: 10-26-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 11/15/2016. 104C - Replace Acetylene storage sign.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 106923
Site Name: Clow Valve Company, a div of McWane Inc

CLOW VALVE CO (Continued) **S105937252**

Violation Date: 10-26-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 11/15/2016. 104A G Add NFPA placard for outside propane cage.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 106923
Site Name: Clow Valve Company, a div of McWane Inc
Violation Date: 08-07-2013
Citation: HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
Violation Description: Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes: Returned to compliance on 11/20/2013.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-06-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-07-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-18-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP

CLOW VALVE CO (Continued) **S105937252**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-20-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-27-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

CLOW VALVE CO (Continued) **S105937252**

Enforcement Action:

Site ID:	106923
Site Name:	Clow Valve Company, a div of McWane Inc
Site Address:	1375 MAGNOLIA AVE
Site City:	CORONA
Site Zip:	92879
Enf Action Date:	08-07-2013
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Corona Fire Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Coordinates:

Site ID:	106923
Facility Name:	Clow Valve Company, a div of McWane Inc
Env Int Type Code:	HWG
Program ID:	10116598
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	33.869881
Longitude:	-117.537766

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Mark Willett
Entity Title:	General Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Clow Valve Company
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(951) 735-5555

Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055

Affiliation Type Desc:	Document Preparer

CLOW VALVE CO (Continued) **S105937252**

Entity Name:	Tiffany Smith
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Tiffany Smith
Entity Title:	Not reported
Affiliation Address:	1375 Magnolia Ave
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Clow Valve Company, a div of McWane Inc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1375 Magnolia Ave
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Clow Valve Company
Entity Title:	Not reported
Affiliation Address:	1375Magnolia Ave
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92879
Affiliation Phone:	(951) 735-5555
Affiliation Type Desc:	Property Owner
Entity Name:	Clow Valve a div. of McWane Inc
Entity Title:	Not reported
Affiliation Address:	1375 Magnolia Ave
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92879

CLOW VALVE CO (Continued) **S105937252**

Affiliation Phone: (951) 735-5555

Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVENUE
City,State,Zip: CORONA, CA 92879-5002
Site ID: 461296
CERS ID: 110002464887
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Tiffany Smith
Entity Title: Environmental Manager
Affiliation Address: 1375 MAGNOLIA AVE
Affiliation City: CORONA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: CLOW VALVE A DV OF MCWANE
Entity Title: Not reported
Affiliation Address: 1375 MAGNOLIA AVE
Affiliation City: CORONA
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact
Entity Name: JAMES C MAINZER
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

A3 **CLOW VALVE COMPANY** **FINDS** **1016076821**
Target **1375 MAGNOLIA AVENUE** **ECHO** **N/A**
Property **CORONA, CA 92879**

Site 3 of 11 in cluster A

Actual:
648 ft.

FINDS:
Registry ID: 110002464887

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

CLOW VALVE COMPANY (Continued) **1016076821**

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS AIR POLLUTANT MAJOR
STATE MASTER
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016076821
Registry ID:	110002464887
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002464887
Name:	CLOW VALVE COMPANY
Address:	1375 MAGNOLIA AVENUE
City,State,Zip:	CORONA, CA 92879

A4 **SOUTHERN CALIFORNIA EDISON** **HAZNET** **S123581822**
Target **1375 MAGNOLIA AVE** **HWTS** **N/A**
Property **CORONA, CA 92879**

Site 4 of 11 in cluster A

Actual: **648 ft.**

HAZNET:

Name:	SOUTHERN CALIFORNIA EDISON
Address:	1375 MAGNOLIA AVE
Address 2:	Not reported
City,State,Zip:	CORONA, CA 92879
Contact:	STAN MARSH
Telephone:	6263029711
Mailing Name:	Not reported
Mailing Address:	2244 WALNUT GROVE
Year:	2004
Gepaid:	CAC002584421
TSD EPA ID:	HFHQ36 0200
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	-
Tons:	18

SOUTHERN CALIFORNIA EDISON (Continued) **S123581822**

Additional Info:

Year:	2004
Gen EPA ID:	CAC002584421
Shipment Date:	20041124
Creation Date:	3/13/2007 18:30:13
Receipt Date:	20041129
Manifest ID:	24162629
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENV SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	CLEAN HARBORS LOS ANGELES LLC
TSDF Alt EPA ID:	HFHQ36 0200
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	NONE
Meth Code:	- Not reported
Quantity Tons:	18
Waste Quantity:	36000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	SOUTHERN CALIFORNIA EDISON
Address:	1375 MAGNOLIA AVE
Address 2:	Not reported
City,State,Zip:	CORONA, CA 92879
EPA ID:	CAC002584421
Inactive Date:	06/21/2005
Create Date:	11/24/2004
Last Act Date:	06/21/2005
Mailing Name:	Not reported
Mailing Address:	2244 WALNUT GROVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ROSEMEAD, CA 91770
Owner Name:	SOUTHERN CALIFORNIA EDISON
Owner Address:	2244 WALNUT GROVE
Owner Address 2:	Not reported
Owner City,State,Zip:	ROSEMEAD, CA 91770
Contact Name:	STAN MARSH
Contact Address:	2244 WALNUT GROVE
Contact Address 2:	Not reported
City,State,Zip:	ROSEMEAD, CA 91770

A5 **CLOW VALVE, INC.** **RCRA-LQG** **1000434760**
Target **1375 MAGNOLIA AVENUE** **ENVIROSTOR** **CAD063115133**
Property **CORONA, CA 92879** **CHMIRS**
ICIS
Site 5 of 11 in cluster A **EMI**
NPDES

Actual:
648 ft.

RCRA-LQG:

Date Form Received by Agency:		2020-02-20 00:00:00.0
Handler Name:	CLOW VALVE, INC.	
Handler Address:		1375 MAGNOLIA AVENUE
Handler City,State,Zip:		CORONA, CA 92879
EPA ID:		CAD063115133
Contact Name:		TIFFANY SMITH
Contact Address:		MAGNOLIA AVE
Contact City,State,Zip:		CORONA, CA 92879
Contact Telephone:		951-893-4144
Contact Fax:		951-735-0837
Contact Email:		TIFFANY.SMITH@CLOWVALVE.COM
Contact Title:		ENVIRONMENTAL MANAGER
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2019
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		MAGNOLIA AVENUE
Mailing City,State,Zip:		CORONA, CA 92879
Owner Name:		MCWANE, INC.
Owner Type:		Private
Operator Name:		CLOW VALVE
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline

CLOW VALVE, INC. (Continued) **1000434760**

Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-09-17 19:03:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD

CLOW VALVE, INC. (Continued) **1000434760**

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: D032
Waste Description: HEXACHLOROBENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: MCWANE, INC.
Legal Status: Private
Date Became Current: 1985-06-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1143 VANDERBILT RD
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35234
Owner/Operator Telephone: 205-323-8282
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MCWANE, INC.
Legal Status: Private
Date Became Current: 1985-06-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1143 VANDERBILT RD
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35234
Owner/Operator Telephone: 205-323-8282
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

CLOW VALVE, INC. (Continued) **1000434760**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCWANE, INC.
Legal Status:	Private
Date Became Current:	1985-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 43327
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35223
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CLOW VALVE COMPANY
Legal Status:	Private
Date Became Current:	1972-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CLOW VALVE
Legal Status:	Private
Date Became Current:	1972-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CLOW VALVE
Legal Status:	Private
Date Became Current:	1972-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCWANE, INC.
Legal Status:	Private
Date Became Current:	1985-06-28 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1201 VANDERBILT RD
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35243
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

CLOW VALVE, INC. (Continued) **1000434760**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CLOW VALVE
Legal Status:	Private
Date Became Current:	1972-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1375 MAGNOLIA AVENUE
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CLOW VALVE COMPANY
Legal Status:	Private
Date Became Current:	1972-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCWANE, INC.
Legal Status:	Private
Date Became Current:	1985-06-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1143 VANDERBILT RD
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35234
Owner/Operator Telephone:	205-323-8282
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CLOW VALVE
Legal Status:	Private
Date Became Current:	1972-11-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1375 MAGNOLIA AVENUE

CLOW VALVE, INC. (Continued) **1000434760**

Owner/Operator City,State,Zip: CORONA, CA 92879
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CLOW CORPORATION
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MCWANE, INC.
Legal Status: Private
Date Became Current: 1985-06-28 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1201 VANDERBILT RD
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35243
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CLOW VALVE
Legal Status: Private
Date Became Current: 1972-11-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1375 MAGNOLIA AVENUE
Owner/Operator City,State,Zip: CORONA, CA 92879
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MCWANE, INC.
Legal Status: Private
Date Became Current: 1985-06-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1143 VANDERBILT RD
Owner/Operator City,State,Zip: BIRMINGHAM, AL 35234
Owner/Operator Telephone: 205-323-8282
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2020-02-20 00:00:00.0
Handler Name: CLOW VALVE, INC.

CLOW VALVE, INC. (Continued) **1000434760**

Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	1996-09-01 00:00:00.0
Handler Name: CLOW CORP	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2006-03-01 00:00:00.0
Handler Name: CLOW VALLEY COMPANY	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1980-08-14 00:00:00.0
Handler Name: CLOW CORP	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2016-01-27 00:00:00.0
Handler Name: CLOW VALVE, INC.	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

CLOW VALVE, INC. (Continued) **1000434760**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2018-09-20 00:00:00.0
Handler Name: CLOW VALVE, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2019-08-20 00:00:00.0
Handler Name: CLOW VALVE, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2006-03-01 00:00:00.0
Handler Name: CLOW VALLEY COMPANY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2008-03-01 00:00:00.0
Handler Name: CLOW VALVE, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CLOW VALVE, INC. (Continued) **1000434760**

List of NAICS Codes and Descriptions:
NAICS Code: 331511
NAICS Description: IRON FOUNDRIES

NAICS Code: 332911
NAICS Description: INDUSTRIAL VALVE MANUFACTURING

NAICS Code: 332919
NAICS Description: OTHER METAL VALVE AND PIPE FITTING MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1992-07-28 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported

CLOW VALVE, INC. (Continued) **1000434760**

Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	CLOW VALVE COMPANY
Address:	1375 MAGNOLIA AVENUE
City,State,Zip:	CORONA, CA 92879
Facility ID:	71003713
Status:	Active
Status Date:	03/16/2016
Site Code:	600876
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	16
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Irena Edwards
Supervisor:	Maryam Tasnif-Abbasi
Division Branch:	Cleanup Cypress
Assembly:	60
Senate:	31
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.86988
Longitude:	-117.5377
APN:	107030022, 107030023, 107070072
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	107030022
Alias Type:	APN
Alias Name:	107030023
Alias Type:	APN
Alias Name:	107070072
Alias Type:	APN
Alias Name:	CAD063115133
Alias Type:	EPA Identification Number
Alias Name:	110002464887
Alias Type:	EPA (FRS #)
Alias Name:	600876
Alias Type:	Project Code (Site Code)
Alias Name:	71003713
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report

CLOW VALVE, INC. (Continued) **1000434760**

Completed Date: 11/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Report
Completed Date: 05/16/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Proposal
Completed Date: 05/16/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measure Implementation Workplan
Completed Date: 08/13/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/16/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measure Implementation Workplan
Completed Date: 03/30/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 02/12/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Compliance Verification
Completed Date: 12/12/2000
Comments: Inspection report sent on 12/12/2000

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 07/15/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 10/09/2002
Comments: Inspection report sent on 10/9/2002

CLOW VALVE, INC. (Continued) **1000434760**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Compliance Verification
Completed Date: 12/12/2000
Comments: Inspection report sent on 12/12/2000

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 10/31/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 08/22/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 03/06/2002
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 05/01/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Action Oversight Cost Recovery Estimate
Completed Date: 10/18/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: OPEA Consultation
Completed Date: 06/28/2017
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/20/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/19/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate

CLOW VALVE, INC. (Continued) **1000434760**

Completed Date: 11/29/2018
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/01/2017
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/22/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/28/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 06/21/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/09/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 07/22/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/29/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/16/1999
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/29/2005
Comments: Completed

CLOW VALVE, INC. (Continued) **1000434760**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/25/2001
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 06/21/2005
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/23/2007
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/07/2007
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 04/25/2001
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/25/2007
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 03/04/2004
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/22/2016
Comments: OK to proceed with risk assessment.

Completed Area Name: Former Iron Foundry Sand Cleanup Area
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 04/21/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report

CLOW VALVE, INC. (Continued) **1000434760**

Completed Date: 09/08/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/08/2007
Comments: Completed

Completed Area Name: AOC-7 - Transformer Area
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/23/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 08/06/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/14/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/24/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/28/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 07/21/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 01/25/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/21/2017
Comments: Not reported

CLOW VALVE, INC. (Continued) **1000434760**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/06/2017
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 12/29/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Workplan
Completed Date: 01/25/2017
Comments: An updated CMP will be required in the future.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/05/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 02/17/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Proposal
Completed Date: 01/12/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/28/2017
Comments: Completed

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2021
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Land Use Restriction
Future Due Date: 2021
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: RICH MANUFACTURING COMPANY OF CALIF #3

CLOW VALVE, INC. (Continued) **1000434760**

Address:	1375 MAGNOLIA AVENUE
City,State,Zip:	CORONA, CA 91720
Facility ID:	33330008
Status:	Refer: Other Agency
Status Date:	10/28/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Cypress
Assembly:	60
Senate:	31
Special Program:	* CERC2
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.86987
Longitude:	-117.5377
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HOUSEHOLD WASTES * Metals - Other Inorganic Solid Waste * AQUEOUS SOLUTION WITH METALS * UNSPECIFIED AQUEOUS SOLUTION * OTHER PESTICIDE CONTAINERS, 30 GALLONS OR MORE
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CLOW COMPANY - CORONA PLANT
Alias Type:	Alternate Name
Alias Name:	CAD982359820
Alias Type:	EPA Identification Number
Alias Name:	CAD063115133
Alias Type:	HWTS Identification Code
Alias Name:	33330008
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	03/24/1987
Comments:	SITE SCREENING DONE PA RECOM BASED ON LACK OF INFO ON EXACT OPERATION AND WASTES PRESENT
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	10/28/1994
Comments:	SITE SCREENING/FILE REVIEW DETERMINE NFA FOR DTSC.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	04/26/1988
Comments:	PRELIM ASSESS DONE SI LOW BASED ON HISTORICAL OPERATIONS & DISPOSAL

CLOW VALVE, INC. (Continued) **1000434760**

METHODS

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	01/13/1983
Comments:	FACILITY IDENTIFIED ID FROM OLD PHONE BOOK SEARCH -1972 IRON FOUNDRY
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

CHMIRS:

Name:	Not reported
Address:	1375 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
OES Incident Number:	10-2313
OES notification:	04/12/2010
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Industrial Plant
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported

CLOW VALVE, INC. (Continued) **1000434760**

Type:	Not reported
Measure:	Unknown
Other:	Not reported
Date/Time:	100
Year:	2010
Agency:	Clow Valve
Incident Date:	4/9/2010
Admin Agency:	Corona Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Fire fighting suppression water w/oily waste
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	RP states a fire in small storage area cause the release of various petroleum components to the ground. The release was contained to the area and no waterways were affected. Initial clean-up is completed and are waiting for permission to enter the building.

ICIS:

Enforcement Action ID:	09-2010-5055
FRS ID:	110002464887
Action Name:	McWane Inc (National Case) (R9 facilities Anaco and Clow)
Facility Name:	CLOW VALVE CO
Facility Address:	1375 MAGNOLIA AVENUE CORONA, CA 92879-5002
Enforcement Action Type:	Civil Judicial Action
Facility County:	RIVERSIDE
Program System Acronym:	RCRAINFO
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	33.86881
Longitude in Decimal Degrees:	-117.53712
Permit Type Desc:	Not reported
Program System Acronym:	CAD063115133
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

CLOW VALVE, INC. (Continued) **1000434760**

Enforcement Action ID: 09-2010-5055
FRS ID: 110002464887
Action Name: McWane Inc (National Case) (R9 facilities Anaco and Clow)
Facility Name: CLOW VALVE CO
Facility Address: 1375 MAGNOLIA AVENUE
CORONA, CA 92879-5002
Enforcement Action Type: Civil Judicial Action
Facility County: RIVERSIDE
Program System Acronym: TRIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.86881
Longitude in Decimal Degrees: -117.53712
Permit Type Desc: Not reported
Program System Acronym: 91719CLWVL1375M
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CLOW VALVE CO

CLOW VALVE, INC. (Continued) **1000434760**

Address: 1375 MAGNOLIA AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVENUE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

EMI:
Name: CLOW VALVE COMPANY
Address: 1375 MAGNOLIA AVE
City,State,Zip: CORONA, CA 917200000
Year: 2006
County Code: 33
Air Basin: SC
Facility ID: 145781
Air District Name: SC
SIC Code: 3491
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1.711732693725581080
Reactive Organic Gases Tons/Yr: 1.628
Carbon Monoxide Emissions Tons/Yr: .109
NOX - Oxides of Nitrogen Tons/Yr: .405
SOX - Oxides of Sulphur Tons/Yr: .002
Particulate Matter Tons/Yr: .098
Part. Matter 10 Micrometers and Smllr Tons/Yr: .093518

Name: CLOW VALVE COMPANY
Address: 1375 MAGNOLIA AVE

CLOW VALVE, INC. (Continued) **1000434760**

City,State,Zip:	CORONA, CA 917200000
Year:	2007
County Code:	33
Air Basin:	SC
Facility ID:	145781
Air District Name:	SC
SIC Code:	3491
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.711732693725581080
Reactive Organic Gases Tons/Yr:	1.628
Carbon Monoxide Emissions Tons/Yr:	.109
NOX - Oxides of Nitrogen Tons/Yr:	.405
SOX - Oxides of Sulphur Tons/Yr:	.002
Particulate Matter Tons/Yr:	.098
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.093518

Name:	CLOW VALVE COMPANY
Address:	1375 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Year:	2008
County Code:	33
Air Basin:	SC
Facility ID:	145781
Air District Name:	SC
SIC Code:	3491
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.196654899811163683
Reactive Organic Gases Tons/Yr:	1.16974793
Carbon Monoxide Emissions Tons/Yr:	.04
NOX - Oxides of Nitrogen Tons/Yr:	.17
SOX - Oxides of Sulphur Tons/Yr:	.000795
Particulate Matter Tons/Yr:	.6224335
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.596737704

Name:	CLOW VALVE COMPANY
Address:	1375 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Year:	2018
County Code:	33
Air Basin:	SC
Facility ID:	145781
Air District Name:	SC
SIC Code:	3494
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.804540787
Reactive Organic Gases Tons/Yr:	1.719964675
Carbon Monoxide Emissions Tons/Yr:	0.04134845
NOX - Oxides of Nitrogen Tons/Yr:	0.15358
SOX - Oxides of Sulphur Tons/Yr:	0.000708831
Particulate Matter Tons/Yr:	0.41495738
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.39673413137

CLOW VALVE, INC. (Continued) **1000434760**

NPDES:

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 33I007278
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	06/26/1992
Operator Name:	McWane Inc
Operator Address:	1375 Magnolia Ave
Operator City:	Corona
Operator State:	California
Operator Zip:	92879

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	210754
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33I007278
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/26/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	McWane Inc
Discharge Address:	1375 Magnolia Ave
Discharge City:	Corona
Discharge State:	California
Discharge Zip:	92879
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported

CLOW VALVE, INC. (Continued) **1000434760**

Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	210754
Order Number:	Not reported

CLOW VALVE, INC. (Continued) **1000434760**

Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 33I007278
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	06/26/1992
Status:	Active
Status Date:	06/26/1992
Place Size:	18
Place Size Unit:	Acres
Contact:	Tiffany Smith
Contact Title:	Environmental Manager
Contact Phone:	951-893-4144
Contact Phone Ext:	Not reported
Contact Email:	tiffany.smith@clowvalve.com
Operator Name:	McWane Inc
Operator Address:	1375 Magnolia Ave
Operator City:	Corona
Operator State:	California
Operator Zip:	92879
Operator Contact:	Tiffany Smith
Operator Contact Title:	Environmental Manager
Operator Contact Phone:	951-893-4144
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	tiffany.smith@clowvalve.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	317-364-0998
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported

CLOW VALVE, INC. (Continued) **1000434760**

Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	Temescal Wash
Certifier:	John Jackson
Certifier Title:	Plant Manager
Certification Date:	26-JUN-15
Primary Sic:	3494-Valves and Pipe Fittings, NEC
Secondary Sic:	3498-Fabricated Pipe and Pipe Fittings
Tertiary Sic:	Not reported

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Facility Status:	Active
NPDES Number:	CAS000001
Region:	8
Agency Number:	0
Regulatory Measure ID:	210754
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 33I007278
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/26/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1375 Magnolia Ave
Discharge Name:	McWane Inc
Discharge City:	Corona
Discharge State:	California
Discharge Zip:	92879
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	210754
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33I007278
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/26/1992
Expiration Date Of Regulatory Measure:	Not reported

CLOW VALVE, INC. (Continued) **1000434760**

Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	McWane Inc
Discharge Address:	1375 Magnolia Ave
Discharge City:	Corona
Discharge State:	California
Discharge Zip:	92879
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported

CLOW VALVE, INC. (Continued) **1000434760**

Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	210754
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 33I007278
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	06/26/1992
Status:	Active
Status Date:	06/26/1992
Place Size:	18
Place Size Unit:	Acres
Contact:	Tiffany Smith
Contact Title:	Environmental Manager
Contact Phone:	951-893-4144
Contact Phone Ext:	Not reported
Contact Email:	tiffany.smith@clowvalve.com
Operator Name:	McWane Inc
Operator Address:	1375 Magnolia Ave
Operator City:	Corona
Operator State:	California
Operator Zip:	92879
Operator Contact:	Tiffany Smith
Operator Contact Title:	Environmental Manager
Operator Contact Phone:	951-893-4144
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	tiffany.smith@clowvalve.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	317-364-0998
Emergency Phone Ext:	Not reported

CLOW VALVE, INC. (Continued) **1000434760**

Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Y
Receiving Water Name:	Temescal Wash
Certifier:	John Jackson
Certifier Title:	Plant Manager
Certification Date:	26-JUN-15
Primary Sic:	3494-Valves and Pipe Fittings, NEC
Secondary Sic:	3498-Fabricated Pipe and Pipe Fittings
Tertiary Sic:	Not reported

A6 **CLOW VALVE CO** **HAZNET** **S113001297**
Target **1375 MAGNOLIA AVE** **HWTS** **N/A**
Property **CORONA, CA 92879**

Site 6 of 11 in cluster A

Actual: **648 ft.**

HAZNET:

Name:	CLOW VALVE CO
Address:	1375 MAGNOLIA AVE
Address 2:	Not reported
City,State,Zip:	CORONA, CA 928792029
Contact:	TIFFANY SMITH
Telephone:	9518934144
Mailing Name:	Not reported
Mailing Address:	1375 MAGNOLIA AVE
Year:	2019
Gepaid:	CAD063115133
TSD EPA ID:	AZD983469594
CA Waste Code:	261 - Polychlorinated biphenyls and material containing PCBs
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.01433
Year:	2019
Gepaid:	CAD063115133
TSD EPA ID:	NVT330010000
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	19.76650
Year:	2019

CLOW VALVE CO (Continued) **S113001297**

Gepaid: CAD063115133
TSD EPA ID: CAT080013352
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with metals))
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 2.91900

Year: 2019
Gepaid: CAD063115133
TSD EPA ID: NVT330010000
CA Waste Code: 352 - Other organic solids
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 4.00000

Year: 2019
Gepaid: CAD063115133
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 1.50000

Year: 2019
Gepaid: CAD063115133
TSD EPA ID: CAD008252405
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.47400

Year: 2019
Gepaid: CAD063115133
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.00000

Year: 2019
Gepaid: CAD063115133
TSD EPA ID: NVT330010000
CA Waste Code: 724 - Liquids with lead >= 500 Mg./L
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.02085

Year: 2019
Gepaid: CAD063115133
TSD EPA ID: CAT000613976
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.81060

Year: 2019

CLOW VALVE CO (Continued) **S113001297**

Gepaid:	CAD063115133
TSD EPA ID:	NMD002208627
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.06600

Click this hyperlink while viewing on your computer to access
232 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2005
Gen EPA ID:	CAD063115133
Shipment Date:	20051229
Creation Date:	3/22/2006 18:30:36
Receipt Date:	20051229
Manifest ID:	23684483
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051212
Creation Date:	3/22/2006 18:31:37
Receipt Date:	20051216
Manifest ID:	24809070
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G

CLOW VALVE CO (Continued) **S113001297**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051212
Creation Date:	3/16/2006 18:30:37
Receipt Date:	20051215
Manifest ID:	24809071
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000154435
Trans 2 Name:	CAMPBELL & SON
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051021
Creation Date:	5/24/2006 18:31:13
Receipt Date:	20051021
Manifest ID:	24720883
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1932
Waste Quantity:	46
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051018
Creation Date:	12/22/2006 18:30:28
Receipt Date:	20051021

CLOW VALVE CO (Continued) **S113001297**

Manifest ID:	24801937
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050831
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050902
Manifest ID:	24660934
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD088504881
Trans Name:	KINSBURSKY BROTHERS
TSDF Alt EPA ID:	CAD088504881
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.105
Waste Quantity:	210
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050831
Creation Date:	1/18/2006 10:22:44
Receipt Date:	20050906
Manifest ID:	24660935
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050817
Creation Date:	10/27/2005 10:10:50
Receipt Date:	20050817
Manifest ID:	23677851
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1974
Waste Quantity:	47
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050715
Creation Date:	10/7/2005 18:42:04
Receipt Date:	20050720
Manifest ID:	24659539
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050621
Creation Date:	9/13/2005 18:30:54
Receipt Date:	20050621
Manifest ID:	24168900
Trans EPA ID:	CAD982030173
Trans Name:	ECOLOGY CONTROL INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000646117
Trans Name:	CHEMICAL WASTE MANAGEMENT
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D008
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	31
Waste Quantity:	62000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD063115133
Shipment Date:	20001228
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010102
Manifest ID:	20895926
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.25
Waste Quantity:	2500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001228
Creation Date:	4/9/2001 0:00:00

CLOW VALVE CO (Continued) **S113001297**

Receipt Date:	20010109
Manifest ID:	20895927
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001115
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001115
Manifest ID:	20290698
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1848
Waste Quantity:	44
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001025
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001027
Manifest ID:	20504192
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported

CLOW VALVE CO (Continued) **S113001297**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001025
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001106
Manifest ID:	20504193
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000920
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20000925
Manifest ID:	20501975
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000920
Creation Date:	12/13/2000 0:00:00
Receipt Date:	20000928
Manifest ID:	20501976
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000920
Creation Date:	12/13/2000 0:00:00
Receipt Date:	20000928
Manifest ID:	20501976
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000915
Creation Date:	10/30/2000 0:00:00
Receipt Date:	20000915
Manifest ID:	20032671
Trans EPA ID:	SCR000075150

CLOW VALVE CO (Continued) **S113001297**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.189
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000714
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000720
Manifest ID:	20156817
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAD063115133

Shipment Date:	20131218
Creation Date:	5/12/2016 9:59:35
Receipt Date:	20131227
Manifest ID:	011969658JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY

CLOW VALVE CO (Continued) **S113001297**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.405
Waste Quantity:	810
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131218
Creation Date:	5/14/2014 22:15:08
Receipt Date:	20131227
Manifest ID:	011969657JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1195
Waste Quantity:	239
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131218
Creation Date:	5/12/2016 9:59:35
Receipt Date:	20131227
Manifest ID:	011969650JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P

CLOW VALVE CO (Continued) **S113001297**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131218
Creation Date:	5/14/2014 22:15:08
Receipt Date:	20131227
Manifest ID:	011969649JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.019
Waste Quantity:	38
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131218
Creation Date:	5/14/2014 22:15:08
Receipt Date:	20131227
Manifest ID:	011969649JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.294
Waste Quantity:	588
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131218

CLOW VALVE CO (Continued) **S113001297**

Creation Date:	5/14/2014 22:15:08
Receipt Date:	20131227
Manifest ID:	011969649JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.6925
Waste Quantity:	1385
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131218
Creation Date:	2/24/2014 22:15:23
Receipt Date:	20131224
Manifest ID:	011969659JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.016
Waste Quantity:	32
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131218
Creation Date:	5/12/2016 9:59:35
Receipt Date:	20131227
Manifest ID:	011969658JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405

CLOW VALVE CO (Continued) **S113001297**

Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0785
Waste Quantity:	157
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131118
Creation Date:	5/1/2014 22:14:57
Receipt Date:	20131121
Manifest ID:	011969438JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131118
Creation Date:	4/5/2014 22:15:10
Receipt Date:	20131125
Manifest ID:	011969437JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

CLOW VALVE CO (Continued) **S113001297**

Quantity Tons:	0.638
Waste Quantity:	1276
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD063115133
Shipment Date:	20031223
Creation Date:	8/19/2004 11:23:00
Receipt Date:	20040105
Manifest ID:	23482479
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031209
Creation Date:	8/24/2004 10:00:04
Receipt Date:	20031210
Manifest ID:	22571784
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1932
Waste Quantity:	46
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031124
Creation Date:	7/30/2004 18:31:14
Receipt Date:	20031202
Manifest ID:	22779565
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031006
Creation Date:	8/3/2004 7:33:04
Receipt Date:	20031006
Manifest ID:	21464899
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2268
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030923
Creation Date:	8/3/2004 15:01:39
Receipt Date:	20030929
Manifest ID:	22917770
Trans EPA ID:	CA0000970392

CLOW VALVE CO (Continued) **S113001297**

Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030923
Creation Date:	8/3/2004 15:00:31
Receipt Date:	20030925
Manifest ID:	22917771
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	DK ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.31
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030805
Creation Date:	7/26/2004 18:30:41
Receipt Date:	20030805
Manifest ID:	22389505
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030729
Creation Date:	7/29/2004 7:44:50
Receipt Date:	20030806
Manifest ID:	22862423
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030624
Creation Date:	7/22/2004 9:56:39
Receipt Date:	20030627
Manifest ID:	22861285
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Shipment Date:	20030624
Creation Date:	7/23/2004 9:17:57
Receipt Date:	20030701
Manifest ID:	22861284
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAD063115133

Shipment Date:	20101222
Creation Date:	3/30/2011 18:30:20
Receipt Date:	20101228
Manifest ID:	000081255MWI
Trans EPA ID:	CAD983649880
Trans Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.411
Waste Quantity:	822
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101222
Creation Date:	3/30/2011 18:30:20
Receipt Date:	20101228
Manifest ID:	000081255MWI

CLOW VALVE CO (Continued) **S113001297**

Trans EPA ID:	CAD983649880
Trans Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101222
Creation Date:	3/30/2011 18:30:20
Receipt Date:	20101228
Manifest ID:	000081255MWI
Trans EPA ID:	CAD983649880
Trans Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101110
Creation Date:	1/12/2011 18:30:17
Receipt Date:	20101111
Manifest ID:	000027748MWI
Trans EPA ID:	CAD983649880
Trans Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported

CLOW VALVE CO (Continued) **S113001297**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101110
Creation Date:	1/12/2011 18:30:17
Receipt Date:	20101111
Manifest ID:	000027748MWI
Trans EPA ID:	CAD983649880
Trans Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101110
Creation Date:	1/12/2011 18:30:17
Receipt Date:	20101111
Manifest ID:	000027748MWI
Trans EPA ID:	CAD983649880
Trans Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600

CLOW VALVE CO (Continued) **S113001297**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101110
Creation Date:	1/12/2011 18:30:17
Receipt Date:	20101111
Manifest ID:	000027748MWI
Trans EPA ID:	CAD983649880
Trans Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101006
Creation Date:	12/30/2010 18:30:30
Receipt Date:	20101013
Manifest ID:	000020534MWI
Trans EPA ID:	CAD983649880
Trans Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.156
Waste Quantity:	312
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Shipment Date:	20101006
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000020534MWI
Trans EPA ID:	CAD983649880
Trans Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1785
Waste Quantity:	357
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101006
Creation Date:	12/30/2010 18:30:30
Receipt Date:	20101013
Manifest ID:	000020534MWI
Trans EPA ID:	CAD983649880
Trans Name:	PSC ENVIRONMENTAL SERVICE OF POMONA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.117
Waste Quantity:	234
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAD063115133

Shipment Date:	20071226
Creation Date:	5/21/2008 18:30:21
Receipt Date:	20080107
Manifest ID:	000714250SKS

CLOW VALVE CO (Continued) **S113001297**

Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.096
Waste Quantity:	192
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071226
Creation Date:	5/21/2008 18:30:21
Receipt Date:	20080107
Manifest ID:	000714250SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.306
Waste Quantity:	612
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D018
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071226
Creation Date:	5/21/2008 18:30:21
Receipt Date:	20080107
Manifest ID:	000714250SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids

CLOW VALVE CO (Continued) **S113001297**

RCRA Code:	D005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.115
Waste Quantity:	230
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071226
Creation Date:	5/21/2008 18:30:21
Receipt Date:	20080107
Manifest ID:	000511939SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071130
Creation Date:	4/22/2008 18:30:17
Receipt Date:	20071130
Manifest ID:	000714220SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1764
Waste Quantity:	42
Quantity Unit:	G
Additional Code 1:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071130
Creation Date:	3/11/2008 18:30:29
Receipt Date:	20071213
Manifest ID:	000640976SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.21
Waste Quantity:	420
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D018
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071130
Creation Date:	3/11/2008 18:30:29
Receipt Date:	20071213
Manifest ID:	000640976SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.18
Waste Quantity:	360
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071130
Creation Date:	3/11/2008 18:30:29
Receipt Date:	20071213

CLOW VALVE CO (Continued) **S113001297**

Manifest ID:	000640976SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071130
Creation Date:	3/11/2008 18:30:29
Receipt Date:	20071213
Manifest ID:	000640976SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.055
Waste Quantity:	110
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071008
Creation Date:	3/12/2008 18:30:30
Receipt Date:	20071016
Manifest ID:	000602792SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD063115133
Shipment Date:	19941027
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941027
Manifest ID:	93112283
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	10.1136
Waste Quantity:	12
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941027
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941027
Manifest ID:	93108696
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	5.0568
Waste Quantity:	6

CLOW VALVE CO (Continued) **S113001297**

Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941027
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941027
Manifest ID:	93108697
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	25.284
Waste Quantity:	30
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941027
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941027
Manifest ID:	93108696
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	3.3712
Waste Quantity:	4
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940610
Creation Date:	3/26/1996 0:00:00

CLOW VALVE CO (Continued) **S113001297**

Receipt Date:	19940614
Manifest ID:	93619197
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940221
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940224
Manifest ID:	93384176
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD063115133

Shipment Date:	19991209
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991209
Manifest ID:	99525082
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.126
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991015
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991020
Manifest ID:	99491948
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991015
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991020
Manifest ID:	99491948
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.9

CLOW VALVE CO (Continued) **S113001297**

Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991015
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991029
Manifest ID:	99491947
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991015
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991029
Manifest ID:	99491947
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.1467
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990927

CLOW VALVE CO (Continued) **S113001297**

Creation Date:	11/19/1999 0:00:00
Receipt Date:	19990927
Manifest ID:	99508024
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.168
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990719
Creation Date:	9/21/1999 0:00:00
Receipt Date:	19990709
Manifest ID:	99031501
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1806
Waste Quantity:	43
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990708
Creation Date:	8/24/1999 0:00:00
Receipt Date:	19990712
Manifest ID:	99333606
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported

CLOW VALVE CO (Continued) **S113001297**

TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.8
Waste Quantity:	3600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990708
Creation Date:	8/24/1999 0:00:00
Receipt Date:	19990712
Manifest ID:	99333606
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990511
Creation Date:	7/7/1999 0:00:00
Receipt Date:	19990511
Manifest ID:	98809315
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1638
Waste Quantity:	39
Quantity Unit:	G
Additional Code 1:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1998
Gen EPA ID: CAD063115133

Shipment Date: 19981221
Creation Date: 2/8/1999 0:00:00
Receipt Date: 19981223
Manifest ID: 98816638
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.75
Waste Quantity: 1500
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19981221
Creation Date: 2/8/1999 0:00:00
Receipt Date: 19981223
Manifest ID: 98816638
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1
Waste Quantity: 2000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CLOW VALVE CO (Continued) **S113001297**

Shipment Date:	19980924
Creation Date:	11/5/1998 0:00:00
Receipt Date:	19980928
Manifest ID:	98277105
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1638
Waste Quantity:	39
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980908
Creation Date:	11/19/1998 0:00:00
Receipt Date:	19980918
Manifest ID:	98084644
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.1267
Waste Quantity:	510
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980908
Creation Date:	11/24/1998 0:00:00
Receipt Date:	19980911
Manifest ID:	98084643
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681

CLOW VALVE CO (Continued) **S113001297**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980908
Creation Date:	11/24/1998 0:00:00
Receipt Date:	19980911
Manifest ID:	98084643
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980908
Creation Date:	11/24/1998 0:00:00
Receipt Date:	19980911
Manifest ID:	98084643
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P

CLOW VALVE CO (Continued) **S113001297**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980623
Creation Date:	9/3/1998 0:00:00
Receipt Date:	19980625
Manifest ID:	98177160
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D006
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.168
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980330
Creation Date:	5/26/1998 0:00:00
Receipt Date:	19980408
Manifest ID:	97387843
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	AZ0000001560
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	342 - Organic liquids with metals (see 121
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1084
Waste Quantity:	26
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980323
Creation Date:	5/26/1998 0:00:00
Receipt Date:	19980330

CLOW VALVE CO (Continued) **S113001297**

Manifest ID:	96880566
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.1
Waste Quantity:	4200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD063115133
Shipment Date:	19961024
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961024
Manifest ID:	96422037
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960701
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960705
Manifest ID:	96024185
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

CLOW VALVE CO (Continued) **S113001297**

TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.68
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960229
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960304
Manifest ID:	95751892
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAD063115133

Shipment Date:	20121218
Creation Date:	5/4/2013 22:15:12
Receipt Date:	20121226
Manifest ID:	011024116JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids

CLOW VALVE CO (Continued) **S113001297**

RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.172
Waste Quantity:	344
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	2/18/2013 22:15:20
Receipt Date:	20121226
Manifest ID:	011024117JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2185
Waste Quantity:	437
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	5/14/2013 22:15:27
Receipt Date:	20121220
Manifest ID:	011024120JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121218
Creation Date:	5/14/2013 22:15:27
Receipt Date:	20121220
Manifest ID:	011024120JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.245
Waste Quantity:	490
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121101
Creation Date:	3/22/2013 22:15:24
Receipt Date:	20121109
Manifest ID:	010037785JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	CAR000045963
Trans 2 Name:	ARO
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.2925
Waste Quantity:	585
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121101
Creation Date:	4/15/2013 22:15:20
Receipt Date:	20121108

CLOW VALVE CO (Continued) **S113001297**

Manifest ID:	010037786JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.241
Waste Quantity:	482
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121101
Creation Date:	4/15/2013 22:15:20
Receipt Date:	20121108
Manifest ID:	010037786JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0575
Waste Quantity:	115
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121101
Creation Date:	1/5/2013 22:15:31
Receipt Date:	20121102
Manifest ID:	010037787JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	Not reported

CLOW VALVE CO (Continued) **S113001297**

TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3315
Waste Quantity:	663
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121010
Creation Date:	4/4/2013 22:15:21
Receipt Date:	20121018
Manifest ID:	010037620JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.173
Waste Quantity:	346
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121010
Creation Date:	8/18/2013 22:15:07
Receipt Date:	20121016
Manifest ID:	010037619JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1305
Waste Quantity:	261

CLOW VALVE CO (Continued) **S113001297**

Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAD063115133

Shipment Date: 20171129
Creation Date: 10/18/2018 18:30:10
Receipt Date: 20171205
Manifest ID: 017304741JJK
Trans EPA ID: CAR000172189
Trans Name: AMBERWICK CORPORATION
Trans 2 EPA ID: CAR000045963
Trans 2 Name: ARO TRUCKING
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.366
Waste Quantity: 732
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171129
Creation Date: 10/18/2018 18:30:10
Receipt Date: 20171205
Manifest ID: 017304735JJK
Trans EPA ID: CAR000172189
Trans Name: AMBERWICK CORPORATION
Trans 2 EPA ID: CAR000045963
Trans 2 Name: ARO TRUCKING
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.68805
Waste Quantity: 165
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171129
Creation Date:	10/18/2018 18:30:10
Receipt Date:	20171205
Manifest ID:	017304735JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	CAR000045963
Trans 2 Name:	ARO TRUCKING
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.132
Waste Quantity:	264
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171129
Creation Date:	10/18/2018 18:30:10
Receipt Date:	20171205
Manifest ID:	017304735JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	CAR000045963
Trans 2 Name:	ARO TRUCKING
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	1.3005
Waste Quantity:	2601
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171129
Creation Date:	12/5/2018 18:30:10
Receipt Date:	20171206

CLOW VALVE CO (Continued) **S113001297**

Manifest ID:	017304736JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.4575
Waste Quantity:	915
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171129
Creation Date:	12/5/2018 18:30:10
Receipt Date:	20171206
Manifest ID:	017304736JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.218
Waste Quantity:	436
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171129
Creation Date:	10/18/2018 18:30:10
Receipt Date:	20171205
Manifest ID:	017304733JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	CAR000045963
Trans 2 Name:	ARO TRUCKING
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported

CLOW VALVE CO (Continued) **S113001297**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.6955
Waste Quantity:	1391
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171009
Creation Date:	7/10/2018 18:30:28
Receipt Date:	20171016
Manifest ID:	006406576SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2478
Waste Quantity:	59
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171006
Creation Date:	7/17/2018 18:30:28
Receipt Date:	20171012
Manifest ID:	017302827JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	CAR000045963
Trans 2 Name:	ARO TRUCKING
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	2.3265
Waste Quantity:	4653

CLOW VALVE CO (Continued) **S113001297**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171006
Creation Date:	8/1/2018 18:31:24
Receipt Date:	20171011
Manifest ID:	017302828JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2165
Waste Quantity:	433
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD063115133
Shipment Date:	19950921
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950922
Manifest ID:	95128109
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.8
Waste Quantity:	1600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 5:	Not reported
Shipment Date:	19950605
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950607
Manifest ID:	95128443
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950605
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950608
Manifest ID:	95128444
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080022148
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.05
Waste Quantity:	12
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950203
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950203
Manifest ID:	95294929
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	13.4848
Waste Quantity:	16
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950203
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950203
Manifest ID:	95294932
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	13.4848
Waste Quantity:	16
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950203
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950203
Manifest ID:	95294931
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	13.4848

CLOW VALVE CO (Continued) **S113001297**

Waste Quantity:	16
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950203
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950203
Manifest ID:	95294930
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	13.4848
Waste Quantity:	16
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950124
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950126
Manifest ID:	95295531
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080011059
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.627
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950124

CLOW VALVE CO (Continued) **S113001297**

Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950126
Manifest ID:	95294807
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	T03 - Treatment, Incineration
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950120
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950120
Manifest ID:	95295496
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.44
Waste Quantity:	1600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAD063115133

Shipment Date:	20091204
Creation Date:	2/3/2010 18:30:49
Receipt Date:	20091221
Manifest ID:	003053590FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC

CLOW VALVE CO (Continued) **S113001297**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091204
Creation Date:	2/3/2010 18:30:49
Receipt Date:	20091221
Manifest ID:	003053590FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091016
Creation Date:	12/8/2009 18:30:18
Receipt Date:	20091026
Manifest ID:	002648618FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics

CLOW VALVE CO (Continued) **S113001297**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.105
Waste Quantity:	210
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091016
Creation Date:	12/8/2009 18:30:18
Receipt Date:	20091026
Manifest ID:	002648618FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3935
Waste Quantity:	787
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091016
Creation Date:	12/8/2009 18:30:18
Receipt Date:	20091026
Manifest ID:	002648618FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.298
Waste Quantity:	596
Quantity Unit:	P
Additional Code 1:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091016
Creation Date:	12/8/2009 18:30:18
Receipt Date:	20091026
Manifest ID:	002648618FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1705
Waste Quantity:	341
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090904
Creation Date:	10/20/2009 18:30:23
Receipt Date:	20090917
Manifest ID:	002647392FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090904
Creation Date:	10/20/2009 18:30:23

CLOW VALVE CO (Continued) **S113001297**

Receipt Date:	20090917
Manifest ID:	002647392FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3025
Waste Quantity:	605
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090904
Creation Date:	10/20/2009 18:30:23
Receipt Date:	20090917
Manifest ID:	002647392FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090731
Creation Date:	11/3/2009 18:30:08
Receipt Date:	20090818
Manifest ID:	002647195FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183

CLOW VALVE CO (Continued) **S113001297**

Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD063115133
Shipment Date:	19971231
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980106
Manifest ID:	97309759
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	2
Waste Quantity:	4000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970818
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970820
Manifest ID:	96635695
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids

CLOW VALVE CO (Continued) **S113001297**

RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	2.5
Waste Quantity:	5000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970719
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970721
Manifest ID:	88408564
Trans EPA ID:	CAD981650609
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	12.0217
Waste Quantity:	10909
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970516
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19970522
Manifest ID:	96656691
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 5:	Not reported
Shipment Date:	19970315
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970326
Manifest ID:	96408799
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	7.185
Waste Quantity:	6520
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970315
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970327
Manifest ID:	96408798
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.4408
Waste Quantity:	400
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970315
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970326
Manifest ID:	96408799
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.2424
Waste Quantity:	220
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970315
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970326
Manifest ID:	96408799
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	7.185
Waste Quantity:	6520
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970315
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970326
Manifest ID:	96408799
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	7.185

CLOW VALVE CO (Continued) **S113001297**

Waste Quantity:	6520
Quantity Unit:	K
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970122
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970127
Manifest ID:	96656306
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD063115133
Shipment Date:	19931209
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931211
Manifest ID:	92271156
Trans EPA ID:	CAD983668989
Trans Name:	Not reported
Trans 2 EPA ID:	CAD040370645
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	8.34
Waste Quantity:	2000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931202
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931203
Manifest ID:	92271171
Trans EPA ID:	CAD983668989
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981458466
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980883177
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	8.34
Waste Quantity:	2000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931117
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931126
Manifest ID:	92271155
Trans EPA ID:	CAD983668989
Trans Name:	Not reported
Trans 2 EPA ID:	CAD040370645
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.421
Waste Quantity:	1300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931112
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931130
Manifest ID:	93163899
Trans EPA ID:	CAD982403198
Trans Name:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	261 - Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	7.0473
Waste Quantity:	1690
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931110
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931110
Manifest ID:	93163874
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	11.4
Waste Quantity:	3000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19931103
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931110
Manifest ID:	93163803
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler

CLOW VALVE CO (Continued) **S113001297**

Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930730
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930811
Manifest ID:	93191259
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930503
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930505
Manifest ID:	92822613
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Shipment Date:	19930119
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930121
Manifest ID:	92056013
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD089466710
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.055
Waste Quantity:	110
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19930119
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930122
Manifest ID:	92056014
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.627
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD063115133

Shipment Date:	20021220
Creation Date:	4/10/2003 10:20:47
Receipt Date:	20021224
Manifest ID:	22012917
Trans EPA ID:	CA0000970392

CLOW VALVE CO (Continued) **S113001297**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021120
Creation Date:	2/13/2003 18:31:35
Receipt Date:	20021120
Manifest ID:	22146334
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.252
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021119
Creation Date:	3/27/2003 18:31:27
Receipt Date:	20021213
Manifest ID:	22070533
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	WID988566543
Trans 2 Name:	Not reported
TSDF EPA ID:	AZ0000337360
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Meth Code:	R01 - Recycler
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021002
Creation Date:	2/10/2003 18:31:16
Receipt Date:	20021007
Manifest ID:	22129628
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.2935
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020910
Creation Date:	2/11/2003 18:31:24
Receipt Date:	20020917
Manifest ID:	22128142
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Shipment Date:	20020910
Creation Date:	1/27/2003 18:31:12
Receipt Date:	20020910
Manifest ID:	21902227
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2268
Waste Quantity:	54
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020910
Creation Date:	2/6/2003 18:31:16
Receipt Date:	20020919
Manifest ID:	22128141
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020729
Creation Date:	3/17/2003 18:31:23
Receipt Date:	20020801
Manifest ID:	21927094
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681

CLOW VALVE CO (Continued) **S113001297**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.66
Waste Quantity:	1320
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020729
Creation Date:	3/17/2003 18:31:23
Receipt Date:	20020801
Manifest ID:	21927094
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020703
Creation Date:	2/7/2003 18:31:14
Receipt Date:	20020703
Manifest ID:	21735182
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2352
Waste Quantity:	56
Quantity Unit:	G

CLOW VALVE CO (Continued) **S113001297**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAD063115133
Shipment Date:	20151229
Creation Date:	3/5/2016 22:15:15
Receipt Date:	20151229
Manifest ID:	014279066JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	2.52
Waste Quantity:	600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151204
Creation Date:	6/30/2016 18:31:00
Receipt Date:	20151210
Manifest ID:	014279229JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.698
Waste Quantity:	1396
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151204
Creation Date:	6/30/2016 18:31:00
Receipt Date:	20151210
Manifest ID:	014279229JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.307
Waste Quantity:	614
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151204
Creation Date:	6/30/2016 18:31:00
Receipt Date:	20151210
Manifest ID:	014279230JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4395
Waste Quantity:	879
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151204
Creation Date:	6/30/2016 18:31:00
Receipt Date:	20151210
Manifest ID:	014279230JJK

CLOW VALVE CO (Continued) **S113001297**

Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.2185
Waste Quantity:	437
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151204
Creation Date:	9/26/2016 18:30:40
Receipt Date:	20151208
Manifest ID:	014279231JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.487
Waste Quantity:	974
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151204
Creation Date:	9/26/2016 18:30:40
Receipt Date:	20151208
Manifest ID:	014279231JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0705
Waste Quantity:	141
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151109
Creation Date:	3/22/2016 22:15:44
Receipt Date:	20151109
Manifest ID:	005155081SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2142
Waste Quantity:	51
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151026
Creation Date:	5/4/2016 22:15:55
Receipt Date:	20151030
Manifest ID:	014294412JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.378
Waste Quantity:	756
Quantity Unit:	P

CLOW VALVE CO (Continued) **S113001297**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151023
Creation Date:	5/4/2016 22:15:28
Receipt Date:	20151027
Manifest ID:	014294389JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD063115133
Shipment Date:	20041130
Creation Date:	3/13/2007 18:30:28
Receipt Date:	20041202
Manifest ID:	24063697
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 5:	Not reported
Shipment Date:	20041112
Creation Date:	1/14/2005 10:18:48
Receipt Date:	20041112
Manifest ID:	23726692
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1764
Waste Quantity:	42
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041026
Creation Date:	1/20/2005 18:31:32
Receipt Date:	20041102
Manifest ID:	24069306
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040921
Creation Date:	12/21/2004 18:31:57
Receipt Date:	20040924
Manifest ID:	24069726
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040921
Creation Date:	12/21/2004 18:31:57
Receipt Date:	20040924
Manifest ID:	24069726
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040830
Creation Date:	1/4/2005 18:33:27
Receipt Date:	20040831
Manifest ID:	23712253
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.21

CLOW VALVE CO (Continued) **S113001297**

Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040823
Creation Date:	3/16/2007 18:31:12
Receipt Date:	20040827
Manifest ID:	23828323
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040706
Creation Date:	11/5/2004 18:30:59
Receipt Date:	20040712
Manifest ID:	23831340
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040626

CLOW VALVE CO (Continued) **S113001297**

Creation Date:	10/29/2004 7:58:42
Receipt Date:	20040626
Manifest ID:	23512695
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	CAT000613927
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1764
Waste Quantity:	42
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040604
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040614
Manifest ID:	23830603
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAD063115133

Shipment Date:	20141229
Creation Date:	6/24/2015 22:15:33
Receipt Date:	20150105
Manifest ID:	013548766JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION

CLOW VALVE CO (Continued) **S113001297**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0755
Waste Quantity:	151
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141229
Creation Date:	6/24/2015 22:15:33
Receipt Date:	20150105
Manifest ID:	013548766JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1315
Waste Quantity:	263
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141229
Creation Date:	9/22/2015 22:15:09
Receipt Date:	20150105
Manifest ID:	013548767JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids

CLOW VALVE CO (Continued) **S113001297**

RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.076
Waste Quantity:	152
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141229
Creation Date:	9/22/2015 22:15:09
Receipt Date:	20150105
Manifest ID:	013548767JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.4705
Waste Quantity:	941
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141208
Creation Date:	4/9/2015 22:15:05
Receipt Date:	20141208
Manifest ID:	004598105SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2436
Waste Quantity:	58
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141201
Creation Date:	2/13/2015 22:15:23
Receipt Date:	20141201
Manifest ID:	002303450GBF
Trans EPA ID:	CAD980814446
Trans Name:	MARK ALARCON'S WASTE OIL SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.57
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141125
Creation Date:	5/5/2015 22:15:14
Receipt Date:	20141202
Manifest ID:	013548539JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.2495
Waste Quantity:	499
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141125
Creation Date:	5/5/2015 22:15:14
Receipt Date:	20141202

CLOW VALVE CO (Continued) **S113001297**

Manifest ID:	013548539JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141125
Creation Date:	6/23/2015 22:15:22
Receipt Date:	20141204
Manifest ID:	013548540JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.5035
Waste Quantity:	1007
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141125
Creation Date:	6/23/2015 22:15:22
Receipt Date:	20141204
Manifest ID:	013548540JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported

CLOW VALVE CO (Continued) **S113001297**

TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D001
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.138
Waste Quantity: 276
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2008
Gen EPA ID: CAD063115133

Shipment Date: 20081229
Creation Date: 2/17/2009 18:30:19
Receipt Date: 20090105
Manifest ID: 001198255FLE
Trans EPA ID: CAD983649880
Trans Name: GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980884183
Trans Name: GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1835
Waste Quantity: 367
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20081126
Creation Date: 4/8/2009 18:30:30
Receipt Date: 20081126
Manifest ID: 001594099SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613927
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported

CLOW VALVE CO (Continued) **S113001297**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.252
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081121
Creation Date:	1/9/2009 18:30:26
Receipt Date:	20081202
Manifest ID:	001196077FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.191
Waste Quantity:	382
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081121
Creation Date:	1/9/2009 18:30:26
Receipt Date:	20081202
Manifest ID:	001196077FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1875
Waste Quantity:	375
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081121
Creation Date:	1/9/2009 18:30:26
Receipt Date:	20081202
Manifest ID:	001196077FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.241
Waste Quantity:	482
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081024
Creation Date:	12/10/2008 18:30:18
Receipt Date:	20081030
Manifest ID:	001196252FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081024
Creation Date:	12/10/2008 18:30:18
Receipt Date:	20081030

CLOW VALVE CO (Continued) **S113001297**

Manifest ID:	001196252FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080909
Creation Date:	11/14/2008 18:30:08
Receipt Date:	20080930
Manifest ID:	001196424FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.103
Waste Quantity:	206
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080909
Creation Date:	11/14/2008 18:30:08
Receipt Date:	20080930
Manifest ID:	001196424FLE
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC

CLOW VALVE CO (Continued) **S113001297**

TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D035
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0905
Waste Quantity: 181
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080909
Creation Date: 11/14/2008 18:30:08
Receipt Date: 20080930
Manifest ID: 001196424FLE
Trans EPA ID: CAD983649880
Trans Name: GENERAL ENVIRONMENTAL MANAGEMENT INC
Trans 2 EPA ID: NED986382133
Trans 2 Name: SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID: CAD980884183
Trans Name: GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: F005
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0465
Waste Quantity: 93
Quantity Unit: P
Additional Code 1: F003
Additional Code 2: F001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2006
Gen EPA ID: CAD063115133

Shipment Date: 20061227
Creation Date: 4/19/2007 18:31:22
Receipt Date: 20061227
Manifest ID: 000159300SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613927
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues

CLOW VALVE CO (Continued) **S113001297**

RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2268
Waste Quantity: 54
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20061207
Creation Date: 7/11/2007 18:30:05
Receipt Date: 20061218
Manifest ID: 000158735SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: - Not reported
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0375
Waste Quantity: 75
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20061207
Creation Date: 7/11/2007 18:30:05
Receipt Date: 20061218
Manifest ID: 000158735SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.03
Waste Quantity: 60
Quantity Unit: P
Additional Code 1: Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061129
Creation Date:	7/13/2007 18:30:28
Receipt Date:	20061207
Manifest ID:	000204943CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	461 - Paint sludge
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.184
Waste Quantity:	368
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061129
Creation Date:	7/13/2007 18:30:28
Receipt Date:	20061207
Manifest ID:	000204943CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.114
Waste Quantity:	228
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061129
Creation Date:	7/13/2007 18:30:28
Receipt Date:	20061207
Manifest ID:	000204943CEX

CLOW VALVE CO (Continued) **S113001297**

Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.687
Waste Quantity:	1374
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061129
Creation Date:	7/13/2007 18:30:28
Receipt Date:	20061207
Manifest ID:	000204943CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1045
Waste Quantity:	209
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061003
Creation Date:	7/13/2007 18:30:12
Receipt Date:	20061013
Manifest ID:	000785841JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported

CLOW VALVE CO (Continued) **S113001297**

RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.054
Waste Quantity:	108
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061003
Creation Date:	7/13/2007 18:30:12
Receipt Date:	20061013
Manifest ID:	000785841JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.203
Waste Quantity:	406
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D007
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061003
Creation Date:	7/13/2007 18:30:12
Receipt Date:	20061013
Manifest ID:	000785841JJK
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.219
Waste Quantity:	438
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAD063115133

Shipment Date: 20111206
Creation Date: 6/15/2012 20:30:07
Receipt Date: 20111213
Manifest ID: 008516665JJK
Trans EPA ID: CAR000172189
Trans Name: AMBERWICK CORPORATION
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.166
Waste Quantity: 332
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111206
Creation Date: 3/13/2012 20:30:22
Receipt Date: 20111215
Manifest ID: 008516667JJK
Trans EPA ID: CAR000172189
Trans Name: AMBERWICK CORPORATION
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD981696420
Trans Name: EVERGREEN
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.236
Waste Quantity: 472
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CLOW VALVE CO (Continued) **S113001297**

Shipment Date:	20111206
Creation Date:	5/24/2012 20:30:15
Receipt Date:	20111212
Manifest ID:	008516666JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1065
Waste Quantity:	213
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111109
Creation Date:	6/15/2012 20:30:07
Receipt Date:	20111115
Manifest ID:	008516451JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.39
Waste Quantity:	780
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111109
Creation Date:	6/15/2012 20:30:07
Receipt Date:	20111115
Manifest ID:	008516451JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

CLOW VALVE CO (Continued) **S113001297**

TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111109
Creation Date:	1/27/2012 20:30:11
Receipt Date:	20111121
Manifest ID:	008516452JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	EVERGREEN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.227
Waste Quantity:	454
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111109
Creation Date:	4/12/2012 20:30:13
Receipt Date:	20111111
Manifest ID:	008516450JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As

CLOW VALVE CO (Continued) **S113001297**

	Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1585
Waste Quantity:	317
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111109
Creation Date:	4/12/2012 20:30:13
Receipt Date:	20111111
Manifest ID:	008516450JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.119
Waste Quantity:	238
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111013
Creation Date:	4/13/2012 20:30:11
Receipt Date:	20111019
Manifest ID:	008514758JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.24
Waste Quantity:	480
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 5:	Not reported
Shipment Date:	20111013
Creation Date:	4/13/2012 20:30:11
Receipt Date:	20111019
Manifest ID:	008514758JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.074
Waste Quantity:	148
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAD063115133
Shipment Date:	20151229
Creation Date:	3/5/2016 22:15:15
Receipt Date:	20151229
Manifest ID:	014279066JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	2.52
Waste Quantity:	600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151204

CLOW VALVE CO (Continued) **S113001297**

Creation Date:	6/30/2016 18:31:00
Receipt Date:	20151210
Manifest ID:	014279229JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.698
Waste Quantity:	1396
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151204
Creation Date:	6/30/2016 18:31:00
Receipt Date:	20151210
Manifest ID:	014279229JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.307
Waste Quantity:	614
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151204
Creation Date:	9/26/2016 18:30:40
Receipt Date:	20151208
Manifest ID:	014279231JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

CLOW VALVE CO (Continued) **S113001297**

TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D035
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.487
Waste Quantity: 974
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151204
Creation Date: 6/30/2016 18:31:00
Receipt Date: 20151210
Manifest ID: 014279230JJK
Trans EPA ID: CAR000172189
Trans Name: AMBERWICK CORPORATION
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.2185
Waste Quantity: 437
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20151204
Creation Date: 6/30/2016 18:31:00
Receipt Date: 20151210
Manifest ID: 014279230JJK
Trans EPA ID: CAR000172189
Trans Name: AMBERWICK CORPORATION
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: Not reported
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

CLOW VALVE CO (Continued) **S113001297**

Quantity Tons:	0.4395
Waste Quantity:	879
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151204
Creation Date:	9/26/2016 18:30:40
Receipt Date:	20151208
Manifest ID:	014279231JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0705
Waste Quantity:	141
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151109
Creation Date:	3/22/2016 22:15:44
Receipt Date:	20151109
Manifest ID:	005155081SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2142
Waste Quantity:	51
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 5:	Not reported
Shipment Date:	20151026
Creation Date:	5/4/2016 22:15:55
Receipt Date:	20151030
Manifest ID:	014294412JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.378
Waste Quantity:	756
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151023
Creation Date:	5/4/2016 22:15:28
Receipt Date:	20151027
Manifest ID:	014294389JJK
Trans EPA ID:	CAR000172189
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.128
Waste Quantity:	256
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD063115133
Shipment Date:	20011203

CLOW VALVE CO (Continued) **S113001297**

Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011214
Manifest ID:	21676144
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.2935
Waste Quantity:	550
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011112
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011116
Manifest ID:	21312554
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.008
Waste Quantity:	16
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011106
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011108
Manifest ID:	21301299
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported

CLOW VALVE CO (Continued) **S113001297**

TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011106
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011108
Manifest ID:	21301299
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011016
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011023
Manifest ID:	21396079
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported

CLOW VALVE CO (Continued) **S113001297**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010927
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011001
Manifest ID:	21230877
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010927
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011004
Manifest ID:	21230875
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010919
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010925
Manifest ID:	21455661

CLOW VALVE CO (Continued) **S113001297**

Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010823
Creation Date:	11/1/2001 0:00:00
Receipt Date:	20010827
Manifest ID:	21207331
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010823
Creation Date:	11/1/2001 0:00:00
Receipt Date:	20010827
Manifest ID:	21207331
Trans EPA ID:	CA0000970392
Trans Name:	Not reported
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids

CLOW VALVE CO (Continued) **S113001297**

RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.225
Waste Quantity: 450
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: CLOW VALVE CO
Address: 1375 MAGNOLIA AVE
Address 2: Not reported
City,State,Zip: CORONA, CA 928792029
EPA ID: CAD063115133
Inactive Date: Not reported
Create Date: 07/23/1982
Last Act Date: 07/24/2020
Mailing Name: Not reported
Mailing Address: 1375 MAGNOLIA AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: CORONA, CA 928792029
Owner Name: CLOW VALVE COMPANY
Owner Address: 1375 MAGNOLIA AVE
Owner Address 2: Not reported
Owner City,State,Zip: CORONA, CA 928792029
Contact Name: TIFFANY SMITH
Contact Address: 1375 MAGNOLIA AVE
Contact Address 2: Not reported
City,State,Zip: CORONA, CA 92879

NAICS:
EPA ID: CAD063115133
Create Date: 2002-03-14 16:36:26.000
NAICS Code: 332911
NAICS Description: Industrial Valve Manufacturing
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: Not reported
Facility Name: CLOW VALVE CO
Facility Address: 1375 MAGNOLIA AVE
Facility Address 2: Not reported
Facility City: CORONA
Facility County: Not reported
Facility State: CA
Facility Zip: 928792029

A7 **CLOW VALVE COMPANY, A DIV OF MCWANE INC** **AST** **A100418910**
Target **1375 MAGNOLIA AVE** **N/A**
Property **CORONA, CA 92879**

Site 7 of 11 in cluster A

Actual: **648 ft.**

AST:

Name:	CLOW VALVE COMPANY, A DIV OF MCWANE INC
Address:	1375 MAGNOLIA AVE
City/Zip:	CORONA,92879
Certified Unified Program Agencies:	Not reported
Owner:	Clow Valve Company
Total Gallons:	Not reported
CERSID:	10116598
Facility ID:	FA0014980
Business Name:	Clow Valve Company, a div of McWane Inc
Phone:	951-735-5555
Fax:	951-735-0837
Mailing Address:	1375 Magnolia Ave
Mailing Address City:	Corona
Mailing Address State:	CA
Mailing Address Zip Code:	92879
Operator Name:	Clow Valve Company
Operator Phone:	951-735-5555
Owner Phone:	951-735-5555
Owner Mail Address:	1375Magnolia Ave
Owner State:	CA
Owner Zip Code:	92879
Owner Country:	United States
Property Owner Name:	Clow Valve a div. of McWane Inc
Property Owner Phone:	951-735-5555
Property Owner Mailing Address:	1375 Magnolia Ave
Property Owner City:	Corona
Property Owner Stat :	CA
Property Owner Zip Code:	92879
Property Owner Country:	United States
EPAID:	CAD063115133

A8 **RICH MFG CO OF CA #3** **SEMS-ARCHIVE** **1003879286**
Target **1375 MAGNOLIA** **CAD982359820**
Property **CORONA, CA 91720**

Site 8 of 11 in cluster A

Actual: **648 ft.**

SEMS Archive:

Site ID:	0903128
EPA ID:	CAD982359820
Name:	RICH MFG CO OF CA #3
Address:	1375 MAGNOLIA
Address 2:	Not reported
City,State,Zip:	CORONA, CA 91720
Cong District:	37
FIPS Code:	06065
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0903128

RICH MFG CO OF CA #3 (Continued) **1003879286**

EPA ID:	CAD982359820
Site Name:	RICH MFG CO OF CA #3
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1988-11-29 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	09
Site ID:	0903128
EPA ID:	CAD982359820
Site Name:	RICH MFG CO OF CA #3
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1988-11-29 05:00:00
Qual:	N
Current Action Lead:	St Perf
Region:	09
Site ID:	0903128
EPA ID:	CAD982359820
Site Name:	RICH MFG CO OF CA #3
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1987-12-01 05:00:00
Finish Date:	1987-12-01 05:00:00
Qual:	Not reported
Current Action Lead:	St Perf

A9 **MAGNOLIA AVENUE WASTE TIRE SITE** **RGA LF** **S114730053**
Target **1375-A MAGNOLIA AVE** **N/A**
Property **CORONA, CA**

Site 9 of 11 in cluster A

Actual: **648 ft.**

RGA LF:

Name:	MAGNOLIA AVENUE WASTE TIRE SITE
Address:	1375-A MAGNOLIA AVE
City:	CORONA
State:	CORONA
	1997 MAGNOLIA AVENUE WASTE TIRE SITE 1375-A MAGNOLIA AVE
Name:	MAGNOLIA AVENUE WASTE TIRE SITE
Address:	1375-A MAGNOLIA AVE

MAGNOLIA AVENUE WASTE TIRE SITE (Continued) **S114730053**

City: CORONA
State: CORONA
1996 MAGNOLIA AVENUE WASTE TIRE SITE 1375-A MAGNOLIA AVE

A10 **CLOW VALVE & ANACO** **FINDS** **1023392495**
Target **1375 MAGNOLIA AVE** **N/A**
Property **CORONA, CA 92879**

Site 10 of 11 in cluster A

Actual: **648 ft.**

FINDS:
Registry ID: 110067123856

Click Here:

Environmental Interest/Information System:
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A11 **DF EQUIPMENT, INC** **HAZNET** **S113072754**
Target **1375 MAGNOLIA AVE** **HWTS** **N/A**
Property **CORONA, CA 91719**

Site 11 of 11 in cluster A

Actual: **648 ft.**

HAZNET:

Name:	DF EQUIPMENT, INC
Address:	1375 MAGNOLIA AVE
Address 2:	Not reported
City,State,Zip:	CORONA, CA 917190000
Contact:	JOLENE PANDZA/OWNER
Telephone:	9094300890
Mailing Name:	Not reported
Mailing Address:	1495 N 8TH ST
Year:	1997
Gepaid:	CAL000128363
TSD EPA ID:	CAD982444481
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H01 - Transfer Station
Tons:	0.204
Year:	1995
Gepaid:	CAL000128363
TSD EPA ID:	CAD982444481
CA Waste Code:	352 - Other organic solids
Disposal Method:	-
Tons:	1
Year:	1995
Gepaid:	CAL000128363
TSD EPA ID:	CAD982444481
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H01 - Transfer Station

DF EQUIPMENT, INC (Continued) **S113072754**

Tons: 0.198

Additional Info:
Year: 1995
Gen EPA ID: CAL000128363

Shipment Date: 19951101
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951101
Manifest ID: 95573829
Trans EPA ID: CAD982444481
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 1
Waste Quantity: 2000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19951101
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951101
Manifest ID: 95573829
Trans EPA ID: CAD982444481
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD982444481
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: H01 - Transfer Station
Quantity Tons: 0.198
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:

DF EQUIPMENT, INC (Continued) **S113072754**

Year:	1997
Gen EPA ID:	CAL000128363
Shipment Date:	19970613
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970616
Manifest ID:	96865144
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.034
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970613
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970616
Manifest ID:	96865144
Trans EPA ID:	CAD982444481
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.17
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	DF EQUIPMENT, INC
Address:	1375 MAGNOLIA AVE
Address 2:	Not reported
City,State,Zip:	CORONA, CA 917190000
EPA ID:	CAL000128363

DF EQUIPMENT, INC (Continued) **S113072754**

Inactive Date:	06/30/1999
Create Date:	10/10/1995
Last Act Date:	01/31/2000
Mailing Name:	Not reported
Mailing Address:	1495 N 8TH ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	COLTON, CA 923240000
Owner Name:	JOLENE PANDZA
Owner Address:	1495 N 8TH ST
Owner Address 2:	Not reported
Owner City,State,Zip:	COLTON, CA 923241704
Contact Name:	JOLENE PANDZA/OWNER
Contact Address:	INACTIVE PER VQ99 - BMI
Contact Address 2:	Not reported
City,State,Zip:	COLTON, CA 923240000

B12 **SHERBORN MAGNOLIA DRUM SITE** **SEMS 1006371516**
SSE **SHERBORN & MAGNOLIA STREETS** **PRP CAN000905946**
< 1/8 **CORONA, CA 92879**
0.008 mi.
40 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

Actual:
653 ft.

SEMS:

Site ID:	0905946
EPA ID:	CAN000905946
Name:	SHERBORN MAGNOLIA DRUM SITE
Address:	SHERBORN & MAGNOLIA STREETS
Address 2:	Not reported
City,State,Zip:	CORONA, CA 92879
Cong District:	Not reported
FIPS Code:	06065
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:

Region:	09
Site ID:	0905946
EPA ID:	CAN000905946
Site Name:	SHERBORN MAGNOLIA DRUM SITE
NPL:	N
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	2002-12-03 05:00:00
Finish Date:	12/3/2002 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0905946
EPA ID:	CAN000905946
Site Name:	SHERBORN MAGNOLIA DRUM SITE
NPL:	N

SHERBORN MAGNOLIA DRUM SITE (Continued) **1006371516**

FF:	N
OU:	00
Action Code:	AW
Action Name:	ASGN OSC
SEQ:	1
Start Date:	Not reported
Finish Date:	12/3/2002 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0905946
EPA ID:	CAN000905946
Site Name:	SHERBORN MAGNOLIA DRUM SITE
NPL:	N
FF:	N
OU:	00
Action Code:	BB
Action Name:	PRP RV
SEQ:	1
Start Date:	2002-12-11 05:00:00
Finish Date:	1/7/2003 5:00:00 AM
Qual:	C
Current Action Lead:	EPA Ovrsght

PRP:
PRP Name: W-H TANKLINES

C13
NW
< 1/8
0.011 mi.
59 ft.

ANACO, A DIV. OF MCWANE INC **AST** **A100417121**
1001 EL CAMINO AVE **N/A**
CORONA, CA 92879

Site 1 of 2 in cluster C

Relative:
Lower

Actual:
639 ft.

AST:

Name:	ANACO, A DIV. OF MCWANE INC
Address:	1001 EL CAMINO AVE
City/Zip:	CORONA,92879
Certified Unified Program Agencies:	Not reported
Owner:	Anaco a division of McWane
Total Gallons:	Not reported
CERSID:	10033888
Facility ID:	33-000-TMP015
Business Name:	Anaco, a div. of McWane Inc
Phone:	951-372-2732
Fax:	951-738-1183
Mailing Address:	1001 El Camino Ave
Mailing Address City:	Corona
Mailing Address State:	CA
Mailing Address Zip Code:	92879
Operator Name:	Anaco a div of Mcwane
Operator Phone:	951-372-2732
Owner Phone:	951-372-2732
Owner Mail Address:	1001 El Camino AVe
Owner State:	CA
Owner Zip Code:	92789

ANACO, A DIV. OF MCWANE INC (Continued) **A100417121**

Owner Country:	United States
Property Owner Name:	Clow Valve
Property Owner Phone:	951-7355-555
Property Owner Mailing Address:	1375 Magnolia Ave
Property Owner City:	Corona
Property Owner Stat :	CA
Property Owner Zip Code:	92879
Property Owner Country:	United States
EPAID:	CAD063115133

C14 **ANACO** **RCRA-SQG** **1001967417**
NW **1001 EL CAMINO AVE** **CAR000068775**
< 1/8 **CORONA, CA 92879**
0.011 mi.
59 ft. **Site 2 of 2 in cluster C**

Relative: **Lower**

Actual: **639 ft.**

RCRA-SQG:

Date Form Received by Agency:	2012-11-29 00:00:00.0
Handler Name:	ANACO
Handler Address:	1001 EL CAMINO AVE
Handler City,State,Zip:	CORONA, CA 92879
EPA ID:	CAR000068775
Contact Name:	LARRY FUSCHER
Contact Address:	1001 EL CAMINO AVE
Contact City,State,Zip:	CORONA, CA 92879
Contact Telephone:	951-372-2732 205
Contact Fax:	951-738-0458
Contact Email:	LARRY.FUSCHER@ANACO-HUSKY.COM
Contact Title:	EHS MGR
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1001 EL CAMINO AVE
Mailing City,State,Zip:	CORONA, CA 92879
Owner Name:	MC WANE INC
Owner Type:	Private
Operator Name:	ANACO
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

ANACO (Continued) **1001967417**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2012-12-11 14:54:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANACO
Legal Status:	Private
Date Became Current:	1997-09-03 00:00:00.
Date Ended Current:	Not reported

ANACO (Continued) **1001967417**

Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANACO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 COMPTON AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	909-372-2732
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MC WANE INC
Legal Status:	Private
Date Became Current:	1987-12-31 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 43327
Owner/Operator City,State,Zip:	BIRMINGHAM, AL 35243
Owner/Operator Telephone:	205-414-3100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2000-03-24 00:00:00.0
Handler Name: ANACO INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2012-11-29 00:00:00.0
Handler Name: ANACO	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

ANACO (Continued) **1001967417**

List of NAICS Codes and Descriptions:
NAICS Code: 332999
NAICS Description: ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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15 SSW < 1/8 0.016 mi. 84 ft. **CORONA DISPOSAL SITE** **SWF/LF S123535281**
1330 MAGNOLIA AVE **CERS N/A**
CORONA, CA 92879

Relative: Higher

Actual: 656 ft.

SWF/LF (SWIS):

Name:	CORONA DISPOSAL SITE
Address:	1330 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Region:	STATE
Facility ID:	33-AA-0004
SWIS Number:	33-AA-0004
Point of Contact:	Angela Gomez
Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	C2
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Corona
Reporting Agency Legal Name:	County of Riverside
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Riverside
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Permitted

Activity:

SWIS Number:	33-AA-0004
Site Name:	Corona Disposal Site
Activity:	Solid Waste Disposal Site
Activity Is Archived:	No
Category:	Disposal
Activity Classification:	Solid Waste Disposal Site
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Quarterly
Throughput:	0
Throughput Units:	Not reported

CORONA DISPOSAL SITE (Continued) **S123535281**

Remaining Capacity:	0
Remaining Capacity Date:	Not reported
Capacity:	0
Capacity Units:	Not reported
Total Acreage:	0
Disposal Acreage:	0
Permitted Elevation:	0
Permitted Elevation Type:	Not reported
Permitted Depth:	0
Permitted Depth Type:	Not reported
Point of Contact:	Angela Gomez
Site Operational Status:	Closed
Site Regulatory Status:	Permitted
Site Is Archived:	No
Is Closed Illegal Abandoned:	Yes
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	C2
EPA Federal Registry ID:	Not reported
County:	Riverside
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Corona
Street Address:	1330 Magnolia Ave
City:	Corona
State:	CA
ZIP Code:	92879
Reporting Agency Legal Name:	County of Riverside
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Riverside
Enforcing Agency Department:	Department of Environmental Health

Operator:

SWIS Number:	33-AA-0004
Site Name:	Corona Disposal Site
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Permitted
Latitude:	33.86293
Longitude:	-117.53583
Is Archived:	No
Operator:	Riverside County Dept. of Waste Resource
Started On:	5/26/2016
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	HKERNKAM@rcwaste.org
Contact Phone:	(951) 486-3200
Street Address:	Hans W. Kernkamp 14310 Frederick St.
Operator City:	Moreno Valley
Operator State:	CA
Operator Zip:	92553

Owner:

SWIS Number:	33-AA-0004

CORONA DISPOSAL SITE (Continued) **S123535281**

Owner:	County Of Riverside Waste Mgmt Dept
Owner Address:	14310 Frederick St
Owner City:	Moreno Valley
Owner State:	CA
Owner Zip:	92553
Site Name:	Corona Disposal Site
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Permitted
Latitude:	33.86293
Longitude:	-117.53583
Is Archived:	No
Started On:	8/16/1994
Contact Name:	Joseph R. McCann
Contact Title:	General Manager - Chief Engineer
Contact Email:	Not reported
Contact Phone:	(951) 486-3200

SWIS Number:	33-AA-0004
Owner:	City of Corona
Owner Address:	400 South Vicentia Ave.
Owner City:	Corona
Owner State:	CA
Owner Zip:	92882
Site Name:	Corona Disposal Site
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Permitted
Latitude:	33.86293
Longitude:	-117.53583
Is Archived:	No
Started On:	1/5/2011
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(951) 736-2301

Name:	PUBLIC WORKS TRANSFER STATION
Address:	1330 MAGNOLIA AVE.
City,State,Zip:	CORONA, CA 92879
Region:	STATE
Facility ID:	33-AA-0323
SWIS Number:	33-AA-0323
Point of Contact:	Theodore Tasiopoulos
Is Archived:	Yes
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Corona

CORONA DISPOSAL SITE (Continued) **S123535281**

Reporting Agency Legal Name: County of Riverside
Reporting Agency Department: Department of Environmental Health
Enforcing Agency Legal Name: County of Riverside
Enforcing Agency Department: Department of Environmental Health
Regulation Status: Notification

Operator:
SWIS Number: 33-AA-0323
Site Name: Public Works Transfer Station
Site Operational Status: Closed
Site Type: Non-Disposal Only
Site Regulatory Status: Notification
Latitude: 33.86714
Longitude: -117.53848
Is Archived: Yes
Operator: City of Corona Public Works Department
Started On: 1/12/2011
Contact Name: Not reported
Contact Title: Not reported
Contact Email: Not reported
Contact Phone: (951) 736-2301
Street Address: 735 Corporation Yard Way
Operator City: Corona
Operator State: CA
Operator Zip: 92880

Waste:
SWIS Number: 33-AA-0323
Site Name: Public Works Transfer Station
Activity: Limited Volume Transfer Operation
Waste Type: Mixed municipal
Site Is Archived: Yes
Site Operational Status: Closed
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Theodore Tasiopoulos
Activity Is Archived: Yes
Activity Operational Status: Active
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

SWIS Number: 33-AA-0323
Site Name: Public Works Transfer Station
Activity: Limited Volume Transfer Operation
Waste Type: Mixed municipal
Site Is Archived: Yes
Site Operational Status: Closed
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Theodore Tasiopoulos
Activity Is Archived: Yes
Activity Operational Status: Closed
Activity Regulatory Status: Notification
Activity Category: Transfer/Processing
Activity Classification: Solid Waste Operation

CORONA DISPOSAL SITE (Continued) **S123535281**

CERS:
- Name: SCE RICH POLETOP (CORONA POINTE)
- Address: 1330 MAGNOLIA AVE (CORONA ANIMAL SHELTER)
- City,State,Zip: CORONA, CA 92879
- Site ID: 84927
- CERS ID: 10475371
- CERS Description: Chemical Storage Facilities

Violations:
- Site ID: 84927
- Site Name: SCE Rich Poletop (Corona Pointe)
- Violation Date: 03-22-2018
- Citation: Un-Specified
- Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance
- Violation Notes: Returned to compliance on 04/24/2018. 101- NFPA placard is not correct; remove 'water reactive' symbol from white section. - Picture of corrected placard sent to Denise Aguiar on 4/24/18.
- Violation Division: Corona Fire Department
- Violation Program: HMRRP
- Violation Source: CERS

Evaluation:
- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 03-22-2018
- Violations Found: Yes
- Eval Type: Routine done by local agency
- Eval Notes: Not reported
- Eval Division: Corona Fire Department
- Eval Program: HMRRP
- Eval Source: CERS

- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 04-28-2015
- Violations Found: No
- Eval Type: Routine done by local agency
- Eval Notes: initial disclosure update #319
- Eval Division: Corona Fire Department
- Eval Program: HMRRP
- Eval Source: CERS

Affiliation:
- Affiliation Type Desc: CUPA District
- Entity Name: Riverside Cnty Env Health
- Entity Title: Not reported
- Affiliation Address: 4065 County Circle Drive, Room 104
- Affiliation City: Riverside
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: 92503
- Affiliation Phone: (951) 358-5055

- Affiliation Type Desc: Legal Owner
- Entity Name: Southern California Edison
- Entity Title: Not reported
- Affiliation Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)

CORONA DISPOSAL SITE (Continued) **S123535281**

Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212
Affiliation Type Desc:	Property Owner
Entity Name:	City of Corona
Entity Title:	Not reported
Affiliation Address:	Po Box 940
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92878
Affiliation Phone:	(951) 736-2220
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91770
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Roslyn Woods
Entity Title:	Consultant
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Southern California Edison
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 302-1212
Affiliation Type Desc:	Environmental Contact
Entity Name:	Environmental Notification Center
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91770
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer

CORONA DISPOSAL SITE (Continued) **S123535281**

Entity Name: Roslyn Woods
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Southern California Edison, Transmission and Distribution Organization (TD)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: CORONA DISPOSAL SITE
Address: 1330 MAGNOLIA AVE
City,State,Zip: CORONA, CA
Site ID: 508015
CERS ID: 33-AA-0004
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: County Of Riverside Waste Mgmt Dept
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Moreno Valley
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92553
Affiliation Phone: 9514863200

Affiliation Type Desc: Legal Operator
Entity Name: Riverside County Dept. of Waste Resource
Entity Title: Not reported
Affiliation Address: Hans W. Kernkamp14310 Frederick St.
Affiliation City: Moreno Valley
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92553
Affiliation Phone: 9514863200

Affiliation Type Desc: Legal Owner
Entity Name: City of Corona
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Corona
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92882
Affiliation Phone: 9517362301

B16 **SPENUZZA BROS INC DBA IMPERIAL MANUFACTURING** **RCRA NonGen / NLR** **1024812085**
SSE **1128 SHERBORN ST** **CAL000298007**
< 1/8 **CORONA, CA 92879**
0.054 mi.
285 ft. **Site 2 of 2 in cluster B**

Relative: **Higher**

Actual: **657 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2005-08-29 00:00:00.0
Handler Name:	SPENUZZA BROS INC DBA IMPERIAL MANUFACTURING
Handler Address:	1128 SHERBORN ST
Handler City,State,Zip:	CORONA, CA 92879-2089
EPA ID:	CAL000298007
Contact Name:	MATT WISE GENERAL MANAGER
Contact Address:	1128 SHERBORN ST
Contact City,State,Zip:	CORONA, CA 92879
Contact Telephone:	951-281-1856
Contact Fax:	951-281-1874
Contact Email:	MWISE@IMPERIALRANGE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1128 SHERBORN ST
Mailing City,State,Zip:	CORONA, CA 92879-2089
Owner Name:	SPENUZZA BROS INC
Owner Type:	Other
Operator Name:	MATT WISE GENERAL MANAGER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SPENUZZA BROS INC DBA IMPERIAL MANUFACTURING (Continued) **1024812085**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:27:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SPENUZZA BROS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1128 SHERBORN ST
Owner/Operator City,State,Zip:	CORONA, CA 92879-2089
Owner/Operator Telephone:	800-343-7790
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MATT WISE GENERAL MANAGER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1128 SHERBORN ST
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-281-1856
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SPENUZZA BROS INC DBA IMPERIAL MANUFACTURING (Continued) **1024812085**

Historic Generators:
Receive Date: 2005-08-29 00:00:00.0
Handler Name: SPENUZZA BROS INC DBA IMPERIAL MANUFACTURING
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42144
NAICS Description: OTHER COMMERCIAL EQUIPMENT WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D17 **INDIANA AUTO WRECKING** **RCRA NonGen / NLR** **1024791078**
NE **1480 E 6TH ST** **CAL000097604**
< 1/8 **CORONA, CA 92879**
0.055 mi.
291 ft. **Site 1 of 4 in cluster D**

Relative: **Lower**
Actual: **646 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 1992-12-21 00:00:00.0
Handler Name: INDIANA AUTO WRECKING
Handler Address: 1480 E 6TH ST
Handler City,State,Zip: CORONA, CA 92879-1713
EPA ID: CAL000097604
Contact Name: DONALD NAPIER MANAGER
Contact Address: 1480 E 6TH ST
Contact City,State,Zip: CORONA, CA 92879
Contact Telephone: 951-737-7753
Contact Fax: 951-737-7856
Contact Email: INDTRUCKSALVAGE@AOL.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1480 E 6TH ST
Mailing City,State,Zip: CORONA, CA 92879-1713
Owner Name: ANDREW KLEIN INDIANA AUTO WRE

INDIANA AUTO WRECKING (Continued) **1024791078**

Owner Type:	Other
Operator Name:	DONALD NAPIER MANAGER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:42:22.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

INDIANA AUTO WRECKING (Continued) **1024791078**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ANDREW KLEIN INDIANA AUTO WRE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1480 E 6TH ST
Owner/Operator City,State,Zip: CORONA, CA 92879-1713
Owner/Operator Telephone: 951-737-7753
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DONALD NAPIER MANAGER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1480 E 6TH ST
Owner/Operator City,State,Zip: CORONA, CA 92879
Owner/Operator Telephone: 951-737-7753
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1992-12-21 00:00:00.0
Handler Name: INDIANA AUTO WRECKING
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44131
NAICS Description: AUTOMOTIVE PARTS AND ACCESSORIES STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D18 **INDIANA AUTO WRECKING** **CERS HAZ WASTE** **S123514703**
NE **1480 E SIXTH ST** **CERS** **N/A**
< 1/8 **CORONA, CA 92879**
0.055 mi.
291 ft. **Site 2 of 4 in cluster D**

Relative:
Lower

Actual:
646 ft.

CERS HAZ WASTE:
Name: INDIANA AUTO WRECKING
Address: 1480 E SIXTH ST
City,State,Zip: CORONA, CA 92879
Site ID: 38029
CERS ID: 10552669
CERS Description: Hazardous Waste Generator

CERS:
Name: INDIANA AUTO WRECKING
Address: 1480 E SIXTH ST
City,State,Zip: CORONA, CA 92879
Site ID: 38029
CERS ID: 10552669
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 38029
Site Name: Indiana Auto Wrecking
Violation Date: 11-09-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: No employee training records onsite. Provide annual employee training documents for review.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 38029
Site Name: Indiana Auto Wrecking
Violation Date: 11-09-2018
Citation: Un-Specified
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes: Returned to compliance on 12/28/2018. NFPA 704 sign has faded. Replace 704 sign with new sign and post per diagram.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 38029
Site Name: Indiana Auto Wrecking
Violation Date: 09-11-2015
Citation: HSC 6.95 25504(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(c)
Violation Description: Failure to include provisions in the business plan to ensure that appropriate personnel receive initial and annual training.
Violation Notes: Returned to compliance on 10/13/2015. Implement annual refresher training.

INDIANA AUTO WRECKING (Continued) **S123514703**

Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	38029
Site Name:	Indiana Auto Wrecking
Violation Date:	05-11-2020
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material. Update your emergency response / contingency plan and submit into CERS for review and approval By 6/11/20.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	38029
Site Name:	Indiana Auto Wrecking
Violation Date:	05-11-2020
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. Update and submit a complete hazardous materials business plan into CERS for review and approval By 6/11/20.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	38029
Site Name:	Indiana Auto Wrecking
Violation Date:	09-11-2015
Citation:	19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description:	Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes:	Returned to compliance on 10/13/2015. Update map with new requirements.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	38029
Site Name:	Indiana Auto Wrecking
Violation Date:	05-11-2020
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Failure to complete and electronically submit a site map with all

INDIANA AUTO WRECKING (Continued) **S123514703**

required content. Update your site map and submit into CERS, ensure all required elements are included: North Orientation, Loading areas, Internal Roads, Adjacent streets, Storm and sewer drains, Access and exit points, Emergency shutoffs, Evacuation staging areas, Hazardous Materials handling and storage locations and, Emergency Response Equipment (hydrants, riser, alarm panel, extinguishers, spill kit, ect.). All text must be oriented in the same direction and a legend is required if using symbols. If hand drawn use a straight edge. Submit by 6/11/20.

Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 38029
Site Name: Indiana Auto Wrecking
Violation Date: 11-09-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: HMBP has not been certified for 2017 & 2018. You shall submit your HMBP in CERS.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 38029
Site Name: Indiana Auto Wrecking
Violation Date: 11-09-2018
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Secondary emergency contact is no longer with company. Replace Chuck with new contact person.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 38029
Site Name: Indiana Auto Wrecking
Violation Date: 05-11-2020
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. Update Hazardous materials inventories on site and submit into CERS for review and approval by 6/11/20.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

INDIANA AUTO WRECKING (Continued) **S123514703**

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	05-11-2020
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	E Inspect
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-13-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	- Unable to obtain signature due to COVID-19 restrictions. - Inspection report will be sent to the e-mail address provided by the manager. - Facility is a vehicle dismantler shop and generates the following waste streams: used oil, spent lead acid batteries, contaminated absorbent - Soiled textiles are laundered by Alsco. - Facility's waste haulers are World Oil and Safety Kleen
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-11-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-09-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-16-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	12-28-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department

INDIANA AUTO WRECKING (Continued) **S123514703**

Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 38029
Site Name: Indiana Auto Wrecking
Site Address: 1480 E SIXTH ST
Site City: CORONA
Site Zip: 92879
Enf Action Date: 09-11-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Corona Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 38029
Site Name: Indiana Auto Wrecking
Site Address: 1480 E SIXTH ST
Site City: CORONA
Site Zip: 92879
Enf Action Date: 11-09-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Corona Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1480 E. SIXTH ST.
Affiliation City: CORONA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92879
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: ANDREW KLIEN
Entity Title: Not reported
Affiliation Address: 191 S. STARLIGHT DR
Affiliation City: ANAHEIM
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92807
Affiliation Phone: (714) 776-4691

Affiliation Type Desc: Parent Corporation
Entity Name: Indiana Auto Wrecking
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

INDIANA AUTO WRECKING (Continued) **S123514703**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: ANDREW KLEIN
Entity Title: Not reported
Affiliation Address: 191 S. STARLIGHT DR
Affiliation City: CORONA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92807
Affiliation Phone: (741) 776-4691

Affiliation Type Desc: Document Preparer
Entity Name: CARMEN LOPEZ
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: CARMEN LOPEZ
Entity Title: OFFICE MNG
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: DONALD NAPIER
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (951) 232-8893

Affiliation Type Desc: CUPA District
Entity Name: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503
Affiliation Phone: (951) 358-5055

Affiliation Type Desc: Environmental Contact
Entity Name: DONALD NAPIER

INDIANA AUTO WRECKING (Continued) **S123514703**

Entity Title:	Not reported
Affiliation Address:	1480 E.6TH ST.
Affiliation City:	CORONA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported

E19 **JACK #5349** **CERS HAZ WASTE** **S123298778**
SW **1315 MAGNOLIA AVE STE 102** **CERS TANKS** **N/A**
< 1/8 **CORONA, CA 92879** **CHMIRS**
0.058 mi. **CERS**
306 ft. **Site 1 of 6 in cluster E**

Relative: Higher
Actual: 650 ft.

CERS HAZ WASTE:

Name:	CHEVRON STATION # 303835/2006
Address:	1315 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Site ID:	104890
CERS ID:	10404358
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	CHEVRON STATION # 303835/2006
Address:	1315 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Site ID:	104890
CERS ID:	10404358
CERS Description:	Underground Storage Tank

CHMIRS:

Name:	Not reported
Address:	1315 MAGNOLIA AVE
City,State,Zip:	CORONA, CA
OES Incident Number:	19-2840
OES notification:	04/30/2019
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported

JACK #5349 (Continued) **S123298778**

Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Service Station
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	950
Year:	2019
Agency:	Chevron Station Inc.
Incident Date:	04/30/2019
Admin Agency:	Corona Fire Department
Amount:	Not reported
Contained:	Stopped,Contained
Site Type:	Not reported
E Date:	Not reported
Substance:	Gasoline
Quantity Released:	32
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Release was due to a customer having a hole in their gas tank which released while fueling resulting in the release impacting the concrete, no waterways were impacted, on scene personnel conducted cleanup.
Name:	Not reported
Address:	1315 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
OES Incident Number:	18-5617
OES notification:	08/20/2018

JACK #5349 (Continued) **S123298778**

OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Service Station
Cleanup By:	Station Personnel
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Oz.
Other:	Not reported
Date/Time:	1215
Year:	2018
Agency:	Chevron
Incident Date:	08/19/2018
Admin Agency:	Corona Fire Department
Amount:	Not reported
Contained:	Stopped,Contained
Site Type:	Not reported
E Date:	Not reported
Substance:	Gasoline
Quantity Released:	24
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No

JACK #5349 (Continued) **S123298778**

#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states: the customer had a hole in their gas tank and it was leaking onto the ground while fueling the vehicle . The release is cleaned up and contained.

CERS:

Name:	CHEVRON STATION # 303835/2006
Address:	1315 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Site ID:	104890
CERS ID:	10404358
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	104890
Site Name:	Chevron Station # 303835/2006
Violation Date:	04-19-2019
Citation:	23 CCR 16 2715(c)(4) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(4)
Violation Description:	Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA. For training that occurs on or after October 1, 2018, failure to maintain a copy of the "Facility Employee Training Certificate" on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes:	Returned to compliance on 06/27/2019. OBSERVATION: Owner/operator unable to produce a current list of employees trained by the designated operator. CORRECTIVE ACTION: Owner/operator shall provide list of employees trained by the designated operator and maintain on site readily available for review. Employees are required to be trained within 30 days of hire. Employees hired on/after 10/13/2018 are required to be trained before assuming their duties.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS

Site ID:	104890
Site Name:	Chevron Station # 303835/2006
Violation Date:	08-24-2017
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/18/2017. 1010004: CO2 is in liquid state, disclose accordingly.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP

JACK #5349 (Continued) **S123298778**

Violation Source: CERS

Site ID: 104890
Site Name: Chevron Station # 303835/2006
Violation Date: 04-19-2019
Citation: 23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Description: "Failure to submit a copy of the overfill prevention equipment inspection results on the G Overfill Prevention Equipment Inspection Report FormG to the UPA within 30 days after the inspection. "
Violation Notes: Returned to compliance on 06/27/2019. OBSERVATION: The submitted "Overfill Prevention Equipment Inspection Report Form" for the inspection conducted on 10/11/2018 was incomplete and/or inaccurate. CORRECTIVE ACTION: Owner/operator shall submit to this Department a complete and accurate copy of the Overfill Prevention Equipment Inspection Report Form along with all required documents (i.e. tank charts)
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS

Site ID: 104890
Site Name: Chevron Station # 303835/2006
Violation Date: 08-24-2017
Citation: Un-Specified
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes: Returned to compliance on 09/08/2017. 104D- Post Evac map
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 104890
Site Name: Chevron Station # 303835/2006
Violation Date: 08-24-2017
Citation: Un-Specified
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes: Returned to compliance on 09/08/2017. 104A- Back door needs placard
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 104890
Site Name: Chevron Station # 303835/2006
Violation Date: 04-19-2019
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 04/19/2019. OBSERVATION: Observed sensor located in the following locations to work be inoperable: - 91 STP 208 sensor - Diesel Fill and STP 208 sensor Sensor failed to shut turbine down CORRECTIVE ACTION: Owner/operator shall repair/replace failed leak detection equipment and certify that equipment functions properly. THIS VIOLATION WAS CORRECTED ON SITE. Technician replaced the Diesel STP and Fill 208 sensor (like for like), which passed after

JACK #5349 (Continued) **S123298778**

being retested. 91 STP sensor was self corrected by the technician. Owner/operator shall ensure that 91 STP sensor is working properly.

Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: - Annual monitoring certification conducted by Jeffrey Crisostomo (Tanknology) - Unable to obtain signature due to COVID-19 restrictions. - Inspection report will be e-mailed to the e-mail address provided by the manager. - Phone number: (951)734-2276 - Due to COVID-19 restrictions, UST documents/paperwork was not inspected. Paperwork was verified on CERS and the manager verified the following items: employee training is conducted, spill kits are on site, DO monthly inspections are conducted properly. - Financial Responsibility expires on 04/24/2020. - Last monitoring certification was on 04/19/2019 - Last SB989: 08/08/2019 (post construction) - Overfill test: 10/11/2018
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-14-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: - Unable to obtain signature due to COVID-19 restrictions. - Inspection report will be e-mailed to e-mail addressed provided by the manager. - Facility's phone number: (951)734-2276 - Facility's waste hauler is Clean Harbors (per manager). - Last hazardous waste pick up was on 03/31/2020 (per manager). - Per manager, facility will call the hazardous waster hauler once hazardous waste drums are half full. Facility does not allow hazardous waste to stay on site for more than 150 days). - Per manager, training for hazardous waste is conducted annually.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-19-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: - The purpose of this visit is to conduct a routine inspection of the facility named above. The annual monitoring certification was done by Francisco Castro (Tanknology ICC#8026747). - Annular Sensor: 301 - MLLD: a. Regular- FE PETRO MLLD b. Premium - Vaporless LD2000 c. Diesel- FE PETRO MLLD - Financial responsibility expires 04/25 - Last monitoring certification: 05/04/2018 - Last SB989: 01/10/2019
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS

JACK #5349 (Continued) **S123298778**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-12-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-12-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-25-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-25-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitoring Cert. cont from 3/19/16 (paperwork inspection only)
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2015
Violations Found: No

JACK #5349 (Continued) **S123298778**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST-no violations
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-01-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations noted during this inspection.
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-24-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-30-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS

Coordinates:
Site ID: 104890
Facility Name: Chevron Station # 303835/2006
Env Int Type Code: HWG
Program ID: 10404358
Coord Name: Not reported

JACK #5349 (Continued) **S123298778**

Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.867940
Longitude:	-117.539700

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO BOX 6004, ATTN: PERMIT DESK
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94583
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Pedro R Carranza
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Pedro R Carranza
Entity Title:	RETAIL OE/HES SPECIALIST
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	JACK IN THE BOX INC
Entity Title:	Not reported
Affiliation Address:	9330 BALBOA AVE
Affiliation City:	SAN DIEGO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92123
Affiliation Phone:	(858) 571-2689

Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055

Affiliation Type Desc:	Environmental Contact
Entity Name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)

JACK #5349 (Continued) **S123298778**

Entity Title: Not reported
Affiliation Address: PO BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94583
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: PO BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94583
Affiliation Phone: (925) 842-9002

Affiliation Type Desc: UST Tank Operator
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMONRamon
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92879
Affiliation Phone: (925) 842-9002

Affiliation Type Desc: Operator
Entity Name: CHEVRON STATION# 303835/2006
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (951) 734-2276

Affiliation Type Desc: Parent Corporation
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: JACK IN THE BOX INC
Entity Title: Not reported
Affiliation Address: 9330 BALBOA AVE
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92123
Affiliation Phone: (858) 571-2689

JACK #5349 (Continued) **S123298778**

Affiliation Type Desc: UST Permit Applicant
Entity Name: CHARLES BITTLE
Entity Title: RETAIL HES
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (925) 842-9002

Affiliation Type Desc: UST Tank Owner
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title: Not reported
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City: SAN RAMON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92879
Affiliation Phone: (925) 842-9002

Name: JACK #5349
Address: 1315 MAGNOLIA AVE STE 102
City,State,Zip: CORONA, CA 92879
Site ID: 25584
CERS ID: 10488166
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 25584
Site Name: Jack #5349
Violation Date: 09-07-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 12/01/2016. 104B - Post emergency numbers (found in CERS Emergency Response Plan) in conspicuous location. Make sure the font size is large.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 25584
Site Name: Jack #5349
Violation Date: 09-07-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/06/2016. 104A -NFPA placard on back door is faded, needs to be replaces.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 25584
Site Name: Jack #5349
Violation Date: 09-07-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95,

JACK #5349 (Continued) **S123298778**

	Section(s) Multiple
Violation Description:	Business Plan Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 12/13/2016. 100 - Permit expired, send copy of new permit to ab@ggcorp.net
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	25584
Site Name:	Jack #5349
Violation Date:	09-07-2016
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 12/13/2016. Change C02 max daily=3018 cu ft.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	25584
Site Name:	Jack #5349
Violation Date:	09-07-2016
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 06/15/2017. Update site map with new 2015 requirements.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	25584
Site Name:	Jack #5349
Violation Date:	09-07-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 12/01/2016. Send training documentation to: ab@ggcorp.net
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	25584
Site Name:	Jack #5349
Violation Date:	07-26-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training

JACK #5349 (Continued) **S123298778**

records for a minimum of three years.
Violation Notes: Returned to compliance on 11/08/2019. No employee training records onsite. Provide annual employee training documents for review.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-07-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-08-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-06-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 25584
Site Name: Jack #5349
Site Address: 1315 MAGNOLIA AVE STE 102
Site City: CORONA
Site Zip: 92879
Enf Action Date: 04-05-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Fines/Penalties Assessed: $100.00. FP#7004 Failure to make corrections to map.
Enf Action Division: Corona Fire Department

JACK #5349 (Continued) **S123298778**

Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 25584
Site Name: Jack #5349
Site Address: 1315 MAGNOLIA AVE STE 102
Site City: CORONA
Site Zip: 92879
Enf Action Date: 04-14-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Fines/Penalties Assessed: $200.00. FP 7023 Failure to make corrections to CERS.
Enf Action Division: Corona Fire Department
Enf Action Program: UNSPEC
Enf Action Source: CERS

Site ID: 25584
Site Name: Jack #5349
Site Address: 1315 MAGNOLIA AVE STE 102
Site City: CORONA
Site Zip: 92879
Enf Action Date: 07-26-2019
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Corona Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Property Owner
Entity Name: DMSD FOODS, INC.
Entity Title: Not reported
Affiliation Address: 41760 Ivy street ste #201
Affiliation City: Murrieta
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92562
Affiliation Phone: (951) 234-0325

Affiliation Type Desc: CUPA District
Entity Name: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503
Affiliation Phone: (951) 358-5055

Affiliation Type Desc: Legal Owner
Entity Name: DMSD FOODS, INC.
Entity Title: Not reported
Affiliation Address: 41760 Ivy street suite #201
Affiliation City: Murrieta
Affiliation State: CA

JACK #5349 (Continued) **S123298778**

Affiliation Country:	United States
Affiliation Zip:	92562
Affiliation Phone:	(951) 234-0325
Affiliation Type Desc:	Environmental Contact
Entity Name:	LETICIA LEON
Entity Title:	Not reported
Affiliation Address:	41760 Ivy St #201
Affiliation City:	Murrieta
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92562
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	DMSD FOODS, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(951) 234-0325
Affiliation Type Desc:	Document Preparer
Entity Name:	Grace Walsh
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	41760 Ivy St 201
Affiliation City:	Murrieta
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92562
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Grace Walsh
Entity Title:	Administrative analyst
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	DMSD Foods
Entity Title:	Not reported

JACK #5349 (Continued) **S123298778**

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

E20 **CHEVRON STATION #303835/2006** **UST** **U004293704**
SW **1315 MAGNOLIA AVE** **N/A**
< 1/8 **CORONA, CA 92879**
0.058 mi.
306 ft. **Site 2 of 6 in cluster E**

Relative: RIVERSIDE CO. UST:
Higher
Name: CHEVRON STATION #303835/2006
Actual: Address: 1315 MAGNOLIA AVE
650 ft. City,State,Zip: CORONA, CA 92879
Region: RIVERSIDE
Total Tanks: 3

E21 **CHEVRON 303835** **RCRA-LQG** **1012176272**
SW **1315 MAGNOLIA AVE** **FINDS** **CAR000201764**
< 1/8 **CORONA, CA 92879** **HAZNET**
0.058 mi. **HWTS**
306 ft. **Site 3 of 6 in cluster E**

Relative: RCRA-LQG:
Higher

Date Form Received by Agency:		2009-07-14 00:00:00.0
Actual: Handler Name:	CHEVRON 303835	
650 ft. Handler Address:		1315 MAGNOLIA AVE
Handler City,State,Zip:		CORONA, CA 92879
EPA ID:		CAR000201764
Contact Name:		JOCKO RODRIGUEZ
Contact Address:		PO BOX 6004
Contact City,State,Zip:		SAN RAMON, CA 94583
Contact Telephone:		925-842-3733
Contact Fax:		Not reported
Contact Email:		NAWTDESK@CHEVRON.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 6004
Mailing City,State,Zip:		SAN RAMON, CA 94583
Owner Name:		CHEVRON USA INC
Owner Type:		Private
Operator Name:		CHEVRON USA INC
Operator Type:		Private
Short-Term Generator Activity:		No

CHEVRON 303835 (Continued) **1012176272**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2009-07-20 11:59:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

CHEVRON 303835 (Continued) **1012176272**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CHEVRON USA INC
Legal Status: Private
Date Became Current: 2009-08-28 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 6004
Owner/Operator City,State,Zip: SAN RAMON, CA 94583
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CHEVRON USA INC
Legal Status: Private
Date Became Current: 2009-08-28 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2009-07-14 00:00:00.0
Handler Name: CHEVRON 303835
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:

CHEVRON 303835 (Continued) **1012176272**

Evaluations: No Evaluations Found

FINDS:
Registry ID: 110055842307

Click Here:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

HAZNET:

Name:	CHEVRON 303835
Address:	1315 MAGNOLIA AVE
Address 2:	Not reported
City,State,Zip:	CORONA, CA 945830000
Contact:	KWAME AWUKU
Telephone:	8773866044
Mailing Name:	Not reported
Mailing Address:	PO BOX 6004
Year:	2019
Gepaid:	CAR000201764
TSD EPA ID:	CAD044429835
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.17750
Year:	2019
Gepaid:	CAR000201764
TSD EPA ID:	CAD044429835
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.14250
Year:	2018
Gepaid:	CAR000201764
TSD EPA ID:	CAD044429835
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.33000
Year:	2018
Gepaid:	CAR000201764
TSD EPA ID:	CAD044429835
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05000

CHEVRON 303835 (Continued) **1012176272**

Year:	2017
Gepaid:	CAR000201764
TSD EPA ID:	CAD044429835
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1875

Year:	2017
Gepaid:	CAR000201764
TSD EPA ID:	CAD044429835
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.055

Year:	2016
Gepaid:	CAR000201764
TSD EPA ID:	CAD044429835
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.03

Year:	2016
Gepaid:	CAR000201764
TSD EPA ID:	CAD008302903
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0275

Year:	2016
Gepaid:	CAR000201764
TSD EPA ID:	CAD044429835
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1

Year:	2015
Gepaid:	CAR000201764
TSD EPA ID:	CAD044429835
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0375

Click this hyperlink while viewing on your computer to access
21 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2013

CHEVRON 303835 (Continued) **1012176272**

Gen EPA ID:	CAR000201764
Shipment Date:	20131014
Creation Date:	12/10/2013 22:15:06
Receipt Date:	20131015
Manifest ID:	006967838FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131014
Creation Date:	12/10/2013 22:15:06
Receipt Date:	20131015
Manifest ID:	006967838FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130509
Creation Date:	7/15/2013 22:15:07
Receipt Date:	20130510
Manifest ID:	006068573FLE
Trans EPA ID:	MAD039322250

CHEVRON 303835 (Continued) **1012176272**

Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130509
Creation Date:	7/15/2013 22:15:07
Receipt Date:	20130510
Manifest ID:	006068573FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130509
Creation Date:	7/15/2013 22:15:07
Receipt Date:	20130510
Manifest ID:	006068573FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CHEVRON 303835 (Continued) **1012176272**

Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAR000201764
Shipment Date:	20151102
Creation Date:	1/11/2016 22:16:40
Receipt Date:	20151104
Manifest ID:	008828727FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151102
Creation Date:	1/11/2016 22:16:40
Receipt Date:	20151104
Manifest ID:	008828727FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

CHEVRON 303835 (Continued) **1012176272**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151013
Creation Date:	12/22/2015 22:15:07
Receipt Date:	20151013
Manifest ID:	008302467FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151013
Creation Date:	12/22/2015 22:15:07
Receipt Date:	20151013
Manifest ID:	008302468FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CHEVRON 303835 (Continued) **1012176272**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151013
Creation Date:	12/22/2015 22:15:07
Receipt Date:	20151013
Manifest ID:	008302468FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150604
Creation Date:	8/18/2015 22:15:10
Receipt Date:	20150605
Manifest ID:	008318692FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150604
Creation Date:	8/18/2015 22:15:10
Receipt Date:	20150605
Manifest ID:	008318692FLE

CHEVRON 303835 (Continued) **1012176272**

Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150604
Creation Date:	8/18/2015 22:15:10
Receipt Date:	20150605
Manifest ID:	008318692FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150108
Creation Date:	3/26/2015 22:15:06
Receipt Date:	20150109
Manifest ID:	008039416FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported

CHEVRON 303835 (Continued) **1012176272**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150108
Creation Date:	3/26/2015 22:15:06
Receipt Date:	20150109
Manifest ID:	008039416FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAR000201764
Shipment Date:	20101116
Creation Date:	5/5/2011 18:30:32
Receipt Date:	20101124
Manifest ID:	007927373JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018

CHEVRON 303835 (Continued) **1012176272**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101116
Creation Date:	1/3/2011 18:31:25
Receipt Date:	20101118
Manifest ID:	007927372JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101116
Creation Date:	5/5/2011 18:30:32
Receipt Date:	20101124
Manifest ID:	007927373JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.051
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported

CHEVRON 303835 (Continued) **1012176272**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100712
Creation Date:	12/16/2010 18:30:26
Receipt Date:	20100716
Manifest ID:	007241964JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.136
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100603
Creation Date:	9/30/2010 18:30:56
Receipt Date:	20100612
Manifest ID:	007241734JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100122
Creation Date:	5/27/2010 18:30:08
Receipt Date:	20100204
Manifest ID:	006598637JJK

CHEVRON 303835 (Continued) **1012176272**

Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.068
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAR000201764
Shipment Date:	20151102
Creation Date:	1/11/2016 22:16:40
Receipt Date:	20151104
Manifest ID:	008828727FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151102
Creation Date:	1/11/2016 22:16:40
Receipt Date:	20151104
Manifest ID:	008828727FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported

CHEVRON 303835 (Continued) **1012176272**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151013
Creation Date:	12/22/2015 22:15:07
Receipt Date:	20151013
Manifest ID:	008302468FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151013
Creation Date:	12/22/2015 22:15:07
Receipt Date:	20151013
Manifest ID:	008302467FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018

CHEVRON 303835 (Continued) **1012176272**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151013
Creation Date:	12/22/2015 22:15:07
Receipt Date:	20151013
Manifest ID:	008302468FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150604
Creation Date:	8/18/2015 22:15:10
Receipt Date:	20150605
Manifest ID:	008318692FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CHEVRON 303835 (Continued) **1012176272**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150604
Creation Date:	8/18/2015 22:15:10
Receipt Date:	20150605
Manifest ID:	008318692FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150604
Creation Date:	8/18/2015 22:15:10
Receipt Date:	20150605
Manifest ID:	008318692FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150108
Creation Date:	3/26/2015 22:15:06
Receipt Date:	20150109

CHEVRON 303835 (Continued) **1012176272**

Manifest ID:	008039416FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150108
Creation Date:	3/26/2015 22:15:06
Receipt Date:	20150109
Manifest ID:	008039416FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAR000201764

Shipment Date:	20110915
Creation Date:	3/12/2012 20:30:14
Receipt Date:	20110927
Manifest ID:	008893971JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC

CHEVRON 303835 (Continued) **1012176272**

Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.034
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110915
Creation Date:	3/12/2012 20:30:14
Receipt Date:	20110927
Manifest ID:	008893971JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110915
Creation Date:	11/30/2011 18:30:36
Receipt Date:	20110916
Manifest ID:	008893972JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids

CHEVRON 303835 (Continued) **1012176272**

RCRA Code:	Not reported
Meth Code:	H129 - Other Treatment
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110415
Creation Date:	6/16/2011 18:30:20
Receipt Date:	20110416
Manifest ID:	008408568JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.21
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110415
Creation Date:	10/1/2011 18:30:46
Receipt Date:	20110428
Manifest ID:	008408567JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.085
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported

CHEVRON 303835 (Continued) **1012176272**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110415
Creation Date:	10/1/2011 18:30:46
Receipt Date:	20110428
Manifest ID:	008408567JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110415
Creation Date:	6/16/2011 18:30:20
Receipt Date:	20110416
Manifest ID:	008408568JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110223
Creation Date:	4/22/2011 18:30:37
Receipt Date:	20110304
Manifest ID:	007288867JJK

CHEVRON 303835 (Continued) **1012176272**

Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.848
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAR000201764
Shipment Date:	20140821
Creation Date:	10/26/2014 22:15:13
Receipt Date:	20140821
Manifest ID:	007454749FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140821
Creation Date:	10/26/2014 22:15:13
Receipt Date:	20140821
Manifest ID:	007454749FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported

CHEVRON 303835 (Continued) **1012176272**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140821
Creation Date:	10/26/2014 22:15:13
Receipt Date:	20140821
Manifest ID:	007454749FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140703
Creation Date:	9/13/2014 22:15:14
Receipt Date:	20140706
Manifest ID:	007542298FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018

CHEVRON 303835 (Continued) **1012176272**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140703
Creation Date:	9/13/2014 22:15:14
Receipt Date:	20140706
Manifest ID:	007542299FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140303
Creation Date:	4/30/2014 22:15:24
Receipt Date:	20140303
Manifest ID:	006978236FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

CHEVRON 303835 (Continued) **1012176272**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140303
Creation Date:	4/30/2014 22:15:24
Receipt Date:	20140303
Manifest ID:	006978236FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140120
Creation Date:	5/1/2014 22:14:57
Receipt Date:	20140120
Manifest ID:	006967590FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140120
Creation Date:	5/1/2014 22:14:57
Receipt Date:	20140120

CHEVRON 303835 (Continued) **1012176272**

Manifest ID:	006967590FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140116
Creation Date:	4/29/2014 22:14:58
Receipt Date:	20140117
Manifest ID:	006967538FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAR000201764
Shipment Date:	20171207
Creation Date:	8/7/2018 18:30:40
Receipt Date:	20171221
Manifest ID:	011544226FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC

CHEVRON 303835 (Continued) **1012176272**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171207
Creation Date:	8/7/2018 18:30:40
Receipt Date:	20171221
Manifest ID:	011544226FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171207
Creation Date:	8/7/2018 18:30:40
Receipt Date:	20171221
Manifest ID:	011544226FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids

CHEVRON 303835 (Continued) **1012176272**

RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171009
Creation Date:	5/30/2018 18:33:30
Receipt Date:	20171023
Manifest ID:	011241359FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170706
Creation Date:	5/21/2018 18:32:48
Receipt Date:	20170720
Manifest ID:	010225548FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported

CHEVRON 303835 (Continued) **1012176272**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170608
Creation Date:	6/13/2018 18:31:03
Receipt Date:	20170622
Manifest ID:	010226299FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170608
Creation Date:	6/13/2018 18:31:03
Receipt Date:	20170622
Manifest ID:	010226299FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170608
Creation Date:	6/13/2018 18:31:03

CHEVRON 303835 (Continued) **1012176272**

Receipt Date:	20170622
Manifest ID:	010226298FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170202
Creation Date:	5/18/2017 18:32:03
Receipt Date:	20170203
Manifest ID:	010338008FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170202
Creation Date:	5/18/2017 18:32:03
Receipt Date:	20170203
Manifest ID:	010338008FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835

CHEVRON 303835 (Continued) **1012176272**

Trans Name:	CLEAN HARBORS OF WILMINGTON, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAR000201764
Shipment Date:	20121217
Creation Date:	2/18/2013 22:15:20
Receipt Date:	20121229
Manifest ID:	010608914JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0034
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121217
Creation Date:	2/18/2013 22:15:20
Receipt Date:	20121229
Manifest ID:	010608914JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

CHEVRON 303835 (Continued) **1012176272**

Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121217
Creation Date:	2/15/2013 22:15:28
Receipt Date:	20121218
Manifest ID:	010608913JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.0325
Waste Quantity:	65
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120621
Creation Date:	9/17/2012 22:15:21
Receipt Date:	20120622
Manifest ID:	009944668JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported

CHEVRON 303835 (Continued) **1012176272**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120621
Creation Date:	6/25/2015 9:22:00
Receipt Date:	20120706
Manifest ID:	009944667JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120621
Creation Date:	6/25/2015 9:22:00
Receipt Date:	20120706
Manifest ID:	009944667JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0084
Waste Quantity:	2
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120510
Creation Date:	7/18/2012 20:30:07

CHEVRON 303835 (Continued) **1012176272**

Receipt Date:	20120514
Manifest ID:	009945758JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.42
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120406
Creation Date:	6/14/2012 20:30:09
Receipt Date:	20120409
Manifest ID:	008368491JJK
Trans EPA ID:	CAR000209023
Trans Name:	CALIFORNIA HAZARDOUS SERVICE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.189
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120210
Creation Date:	3/27/2012 20:30:43
Receipt Date:	20120213
Manifest ID:	009502540JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481

CHEVRON 303835 (Continued) **1012176272**

Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120210
Creation Date:	4/25/2012 20:30:21
Receipt Date:	20120227
Manifest ID:	009504685JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	CHEVRON 303835
Address:	1315 MAGNOLIA AVE
Address 2:	Not reported
City,State,Zip:	CORONA, CA 928790000
EPA ID:	CAR000201764
Inactive Date:	Not reported
Create Date:	08/11/2009
Last Act Date:	07/28/2020
Mailing Name:	Not reported
Mailing Address:	PO BOX 6004
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN RAMON, CA 945830000
Owner Name:	CHEVRON
Owner Address:	PO BOX 6004
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN RAMON, CA 945830000

CHEVRON 303835 (Continued) **1012176272**

Contact Name: KWAME AWUKU
Contact Address: 6001 BOLLINGER CANYON RD.
Contact Address 2: Not reported
City,State,Zip: SAN RAMON, CA 94583

NAICS:
EPA ID: CAR000201764
Create Date: 2011-08-17 14:36:26.000
NAICS Code: 447110
NAICS Description: Gasoline Stations with Convenience Stores
Issued EPA ID Date: 2009-08-11 10:31:03
Inactive Date: Not reported
Facility Name: CHEVRON 303835
Facility Address: 1315 MAGNOLIA AVE
Facility Address 2: Not reported
Facility City: CORONA
Facility County: Not reported
Facility State: CA
Facility Zip: 928790000

E22 **CHEVRON STATION # 303835/2006** **UST** **U004264379**
SW **1315 MAGNOLIA AVE** **N/A**
< 1/8 **CORONA, CA 92879**
0.058 mi.
306 ft. **Site 4 of 6 in cluster E**

Relative: Higher
Actual: 650 ft.

UST:
Name: CHEVRON STATION # 303835/2006
Address: 1315 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Facility ID: FA0032392
Permitting Agency: Riverside County Department of Environmental Health
Latitude: 33.86794
Longitude: -117.5397

E23 **QUICK STUFF** **EDR Hist Auto** **1020621445**
SW **1315 MAGNOLIA AVE** **N/A**
< 1/8 **CORONA, CA 92879**
0.058 mi.
306 ft. **Site 5 of 6 in cluster E**

Relative: Higher
Actual: 650 ft.

EDR Hist Auto

Year:	Name:	Type:
2006	JACK IN THE BOX INC	Gasoline Service Stations, NEC
2007	JACK IN THE BOX INC	Gasoline Service Stations, NEC
2009	QUICK STUFF	Gasoline Service Stations, NEC
2011	CHEVRON	Gasoline Service Stations, NEC
2011	QUICK STUFF	Gasoline Service Stations, NEC
2012	QUICK STUFF	Gasoline Service Stations, NEC
2013	QUICK STUFF	Gasoline Service Stations, NEC
2014	QUICK STUFF	Gasoline Service Stations, NEC

24
WNW
< 1/8
0.067 mi.
356 ft.

OPTIMUM WELLNESS & LONGEVITY INC
1315 CORONA POINTE CT STE 101
CORONA, CA 92879

RCRA NonGen / NLR **1024830946**
CAL000366753

Relative:
Lower

Actual:
636 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2011-08-17 00:00:00.0
Handler Name:	OPTIMUM WELLNESS & LONGEVITY INC
Handler Address:	1315 CORONA POINTE CT STE 101
Handler City,State,Zip:	CORONA, CA 92879-1764
EPA ID:	CAL000366753
Contact Name:	ROBERT ROCCO
Contact Address:	1315 CORONA POINTE CT
Contact City,State,Zip:	CORONA, CA 92879
Contact Telephone:	951-279-5300
Contact Fax:	951-279-4300
Contact Email:	RROCCO3@OPTONLINE.NET
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1315 CORONA POINTE CT STE 101
Mailing City,State,Zip:	CORONA, CA 92879-1764
Owner Name:	OPTIMUM WELLNESS & LONGEVITY INC
Owner Type:	Other
Operator Name:	ROBERT ROCCO
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

OPTIMUM WELLNESS & LONGEVITY INC (Continued) **1024830946**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 16:59:30.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROBERT ROCCO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1315 CORONA POINTE CT
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-279-5300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OPTIMUM WELLNESS & LONGEVITY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1315 CORONA POINTE CT STE 101
Owner/Operator City,State,Zip:	CORONA, CA 92879-1764
Owner/Operator Telephone:	951-279-5300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

OPTIMUM WELLNESS & LONGEVITY INC (Continued) **1024830946**

Historic Generators:
Receive Date: 2011-08-17 00:00:00.0
Handler Name: OPTIMUM WELLNESS & LONGEVITY INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 621493
NAICS Description: FREESTANDING AMBULATORY SURGICAL AND EMERGENCY CENTERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E25 **DOWNS ENERGY 1280 MAGNOLIA WAREHOUSE** **AST** **A100419522**
SSW **1280 MAGNOLIA AVE** **N/A**
< 1/8 **CORONA, CA 92879**
0.079 mi.
415 ft. **Site 6 of 6 in cluster E**

Relative:
Higher

Actual:
656 ft.

AST:
Name: DOWNS ENERGY 1280 MAGNOLIA WAREHOUSE
Address: 1280 MAGNOLIA AVE
City/Zip: CORONA,92879
Certified Unified Program Agencies: Not reported
Owner: Michael J. Downs
Total Gallons: Not reported
CERSID: 10476301
Facility ID: FA0023434
Business Name: Downs Energy
Phone: 951-271-0968
Fax: Not reported
Mailing Address: 1296 Magnolia Ave.
Mailing Address City: Corona
Mailing Address State: CA
Mailing Address Zip Code: 92879
Operator Name: Michael J. Downs
Operator Phone: 951-256-8282
Owner Phone: 951-256-8282
Owner Mail Address: 1296 Magnolia Ave.
Owner State: CA
Owner Zip Code: 92879
Owner Country: United States
Property Owner Name: M & D Development LLC
Property Owner Phone: 951-256-8291

DOWNS ENERGY 1280 MAGNOLIA WAREHOUSE (Continued) **A100419522**

Property Owner Mailing Address:	1296 Magnolia Ave.
Property Owner City:	Corona
Property Owner Stat :	CA
Property Owner Zip Code:	92879
Property Owner Country:	United States
EPAID:	CAL00200488

F26 **PARTY CITY CORP DBA HALLOWEEN CITY STORE # 8304** **RCRA NonGen / NLR** **1025851441**
WSW **1160 EL CAMINO AVE** **CAC003031557**
< 1/8 **CORONA, CA 92879**
0.085 mi.
449 ft. **Site 1 of 2 in cluster F**

Relative: **Lower**

Actual: **641 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-08-28 00:00:00.0
Handler Name:	PARTY CITY CORP DBA HALLOWEEN CITY STORE # 8304
Handler Address:	1160 EL CAMINO AVE
Handler City,State,Zip:	CORONA, CA 92879-1761
EPA ID:	CAC003031557
Contact Name:	LARRY WUDYKA
Contact Address:	41100 PLYMOUTH RD., STE 101
Contact City,State,Zip:	PLYMOUTH, MI 48170
Contact Telephone:	734-591-5468
Contact Fax:	530-587-3007
Contact Email:	LWUDYKA@PARTYCITY.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 2513
Mailing City,State,Zip:	TRUCKEE, CA 96160
Owner Name:	PARTY CITY CORP
Owner Type:	Other
Operator Name:	LARRY WUDYKA
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

PARTY CITY CORP DBA HALLOWEEN CITY STORE # 8304 (Continued) **1025851441**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-09-10 12:40:31.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LARRY WUDYKA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	41100 PLYMOUTH RD., STE 101
Owner/Operator City,State,Zip:	PLYMOUTH, MI 48170
Owner/Operator Telephone:	734-591-5468
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PARTY CITY CORP
Legal Status:	Other
Date Became Current:	Not reported

PARTY CITY CORP DBA HALLOWEEN CITY STORE # 8304 (Continued) **1025851441**

Date Ended Current: Not reported
Owner/Operator Address: 25 GREEN POND RD., STE 1
Owner/Operator City,State,Zip: ROCKAWAY, NJ 07866
Owner/Operator Telephone: 973-453-8600
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-08-28 00:00:00.0
Handler Name: PARTY CITY CORP DBA HALLOWEEN CITY STORE # 8304
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 452319
NAICS Description: ALL OTHER GENERAL MERCHANDISE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F27 **OFFICE DEPOT 2324** **RCRA NonGen / NLR** **1024856655**
WSW **1160 EL CAMINO AVE** **CAL000420847**
< 1/8 **CORONA, CA 92879**
0.085 mi.
449 ft. **Site 2 of 2 in cluster F**

Relative: RCRA NonGen / NLR:
Lower Date Form Received by Agency: 2019-07-16 00:00:00.0
Actual: Handler Name: OFFICE DEPOT 2324
641 ft. Handler Address: 1160 EL CAMINO AVE
Handler City,State,Zip: CORONA, CA 92879
EPA ID: CAL000420847
Contact Name: ANA FERNANDEZ
Contact Address: 6600 N MILITARY TRAIL C456
Contact City,State,Zip: BOCA RATON, FL 33496
Contact Telephone: 561-438-7903
Contact Fax: 561-438-8916
Contact Email: ANA.FERNANDEZ@OFFICEDEPOT.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Private
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported

OFFICE DEPOT 2324 (Continued) **1024856655**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	6600 N MILITARY TRAIL C456
Mailing City,State,Zip:	BOCA RATON, FL 33496-0000
Owner Name:	OFFICE DEPOT INC
Owner Type:	Other
Operator Name:	ANA FERNANDEZ
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

OFFICE DEPOT 2324 (Continued) **1024856655**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-07-22 18:59:32.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANA FERNANDEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6600 N MILITARY TRAIL C456
Owner/Operator City,State,Zip:	BOCA RATON, FL 33496
Owner/Operator Telephone:	561-438-7903
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OFFICE DEPOT INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6600 N MILITARY TRAIL
Owner/Operator City,State,Zip:	BOCA RATON, FL 33496
Owner/Operator Telephone:	561-438-4800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-07-16 00:00:00.0
Handler Name: OFFICE DEPOT 2324	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	45321
NAICS Description:	OFFICE SUPPLIES AND STATIONERY STORES

Facility Has Received Notices of Violations:

OFFICE DEPOT 2324 (Continued) **1024856655**

Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G28 **CORONA AUTO PARTS RECYCLING INC** **RCRA NonGen / NLR** **1024798140**
East **1450 MAGNOLIA AVE** **CAL000196134**
< 1/8 **CORONA, CA 92879**
0.085 mi.
450 ft. **Site 1 of 5 in cluster G**

Relative: RCRA NonGen / NLR:
Higher

Date Form Received by Agency:	1999-04-26 00:00:00.0
Handler Name:	CORONA AUTO PARTS RECYCLING INC
Handler Address:	1450 MAGNOLIA AVE
Handler City,State,Zip:	CORONA, CA 92879-2030
EPA ID:	CAL000196134
Contact Name:	MIKE MODARRESI/OWNER
Contact Address:	1450 MAGNOLIA AVE
Contact City,State,Zip:	CORONA, CA 92879
Contact Telephone:	951-737-2823
Contact Fax:	000-000-0000
Contact Email:	CORONA_AUTO@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1450 MAGNOLIA AVE
Mailing City,State,Zip:	CORONA, CA 92879-0000
Owner Name:	MIKE MODARRESI
Owner Type:	Other
Operator Name:	MIKE MODARRESI/OWNER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

Actual:
650 ft.

CORONA AUTO PARTS RECYCLING INC (Continued) **1024798140**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:44:24.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MIKE MODARRESI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1450 MAGNOLIA AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879-2030
Owner/Operator Telephone:	951-737-2823
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MIKE MODARRESI/OWNER
Legal Status:	Other
Date Became Current:	Not reported

CORONA AUTO PARTS RECYCLING INC (Continued) **1024798140**

Date Ended Current:	Not reported
Owner/Operator Address:	1450 MAGNOLIA AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-737-2823
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-04-26 00:00:00.0
Handler Name:	CORONA AUTO PARTS RECYCLING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44131
NAICS Description:	AUTOMOTIVE PARTS AND ACCESSORIES STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G29 **MELS FOREIGN** **CERS HAZ WASTE** **S117705041**
East **1450 MAGNOLIA AVE** **NPDES** **N/A**
< 1/8 **CORONA, CA 92879** **CIWQS**
0.085 mi.
450 ft. **Site 2 of 5 in cluster G**

Relative:
Higher

Actual:
650 ft.

CERS HAZ WASTE:

Name:	CORONA AUTO PARTS RECYCLING, INC
Address:	1450 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Site ID:	21758
CERS ID:	10320904
CERS Description:	Hazardous Waste Generator

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-22-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	- Unable to obtain signature due to COVID-19 restrictions. - Inspection report will be sent to the e-mail address provided by the owner. - Facility's waste hauler is World Oil (Asbury Environmental Services) - Facility recycles and sells automotive parts and

MELS FOREIGN (Continued) **S117705041**

potentially generates the following waste streams: waste oil, waste transmission oil, waste antifreeze, contaminated absorbent - Facility exchanges battery cores through Nino's Auto Parts. - Hazardous waste labels were provided during the time of inspection.

Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-27-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 21758
Facility Name: Corona Auto Parts Recycling, Inc
Env Int Type Code: HWG
Program ID: 10320904
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 33.869510
Longitude: -117.534410

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: Corona Auto Parts Recycling, Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503
Affiliation Phone: (951) 358-5055

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1450 Magnolia Ave
Affiliation City: Corona
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92879

MELS FOREIGN (Continued) **S117705041**

Affiliation Phone: Not reported

NPDES:

Name:	MELS FOREIGN
Address:	1450 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 33I010253
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	07/06/1993
Operator Name:	Mels Foreign
Operator Address:	1450 Magnolia
Operator City:	Corona
Operator State:	California
Operator Zip:	91719

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	288216
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 33I010253
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	07/06/1993
Status:	Terminated

MELS FOREIGN (Continued) **S117705041**

Status Date:	07/06/1993
Place Size:	4
Place Size Unit:	Acres
Contact:	John Duffey
Contact Title:	Not reported
Contact Phone:	951-737-2832
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Mels Foreign
Operator Address:	1450 Magnolia
Operator City:	Corona
Operator State:	California
Operator Zip:	91719
Operator Contact:	John Duffey
Operator Contact Title:	Not reported
Operator Contact Phone:	951-737-2832
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	951-737-2832
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Temescal Wash
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	5015-Motor Vehicle Parts, Used
Secondary Sic:	5093-Scrap and Waste Materials
Tertiary Sic:	Not reported

CIWQS:

Name:	MELS FOREIGN

MELS FOREIGN (Continued) **S117705041**

Address:	1450 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Agency:	Mels Foreign
Agency Address:	1450 Magnolia, Corona, CA 91719
Place/Project Type:	Industrial - Motor Vehicle Parts, Used
SIC/NAICS:	5015(+)
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 33I010253
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	07/06/1993
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.87007
Longitude:	-117.53488

D30 **ADVANCED FUEL FILTRATION INC.** **SEMS 1007985418**
NE **1451 MAGNOLIA** **PRP CAN000906122**
< 1/8 **CORONA, CA 92879** **ICIS**
0.087 mi.
462 ft. **Site 3 of 4 in cluster D**

Relative: **Higher**
Actual: **649 ft.**

SEMS:

Site ID:	0906122
EPA ID:	CAN000906122
Name:	ADVANCED FUELS FILTRATION SYSTEMS
Address:	1451 MAGNOLIA AVENUE
Address 2:	Not reported
City,State,Zip:	CORONA, CA
Cong District:	Not reported
FIPS Code:	06065
Latitude:	Not reported
Longitude:	Not reported
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:

Region:	09
Site ID:	0906122
EPA ID:	CAN000906122
Site Name:	ADVANCED FUELS FILTRATION SYSTEMS
NPL:	N
FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	1

ADVANCED FUEL FILTRATION INC. (Continued) **1007985418**

Start Date: 2005-01-05 05:00:00
Finish Date: 3/30/2005 5:00:00 AM
Qual: C
Current Action Lead: EPA Perf

Region: 09
Site ID: 0906122
EPA ID: CAN000906122
Site Name: ADVANCED FUELS FILTRATION SYSTEMS
NPL: N
FF: N
OU: 00
Action Code: AW
Action Name: ASGN OSC
SEQ: 1
Start Date: Not reported
Finish Date: 1/5/2005 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0906122
EPA ID: CAN000906122
Site Name: ADVANCED FUELS FILTRATION SYSTEMS
NPL: N
FF: N
OU: 00
Action Code: BB
Action Name: PRP RV
SEQ: 1
Start Date: 2005-01-11 05:00:00
Finish Date: 3/30/2005 5:00:00 AM
Qual: C
Current Action Lead: EPA Ovrsght

PRP Name: ADVANCED FUEL FILTRATION SYSTEMS, INC
BURR NORTHRUP
DOUG PARKER
ENTECH ENVIRONMENTAL SERVICES, INC
GROVER MOSS
H. B. COVEY, INC

ICIS:
Enforcement Action ID: 09-2005-0040
FRS ID: 110020499496
Action Name: Advanced Fuel Filtration
Facility Name: ADVANCED FUEL FILTRATION INC.
Facility Address: 1451 MAGNOLIA
CORONA, CA 92879
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: RIVERSIDE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 106
Facility SIC Code: Not reported
Federal Facility ID: Not reported

ADVANCED FUEL FILTRATION INC. (Continued) **1007985418**

Latitude in Decimal Degrees: 33.869863
Longitude in Decimal Degrees: -117.535278
Permit Type Desc: Not reported
Program System Acronym: 7196045
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2005-0018
FRS ID: 110020499496
Action Name: Advanced Fuel Filtration
Facility Name: ADVANCED FUEL FILTRATION INC.
Facility Address: 1451 MAGNOLIA
CORONA, CA 92879
Enforcement Action Type: CWA 311C AO For Removal
Facility County: RIVERSIDE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 311C
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.869863
Longitude in Decimal Degrees: -117.535278
Permit Type Desc: Not reported
Program System Acronym: 7196045
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: ADVANCED FUEL FILTRATION INC.
Address: 1451 MAGNOLIA
Tribal Indicator: N
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: 4212

Facility Name: ADVANCED FUEL FILTRATION INC.
Address: 1451 MAGNOLIA
Tribal Indicator: N
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: 4953

Facility Name: ADVANCED FUEL FILTRATION INC.
Address: 1451 MAGNOLIA
Tribal Indicator: N
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: 4212

Facility Name: ADVANCED FUEL FILTRATION INC.
Address: 1451 MAGNOLIA
Tribal Indicator: N
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: 4953

Facility Name: ADVANCED FUEL FILTRATION INC.

ADVANCED FUEL FILTRATION INC. (Continued) **1007985418**

Address:	1451 MAGNOLIA
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4212
Facility Name:	ADVANCED FUEL FILTRATION INC.
Address:	1451 MAGNOLIA
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4953
Facility Name:	ADVANCED FUEL FILTRATION INC.
Address:	1451 MAGNOLIA
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4212
Facility Name:	ADVANCED FUEL FILTRATION INC.
Address:	1451 MAGNOLIA
Tribal Indicator:	N
Fed Facility:	Not reported
NAIC Code:	Not reported
SIC Code:	4953

D31 **CT CORONA** **CPS-SLIC** **S116381386**
NE **1451 MAGNOLIA AVE X E 6TH ST** **CERS** **N/A**
< 1/8 **CORONA, CA 92879**
0.087 mi.
462 ft. **Site 4 of 4 in cluster D**

Relative: **Higher**

Actual: **649 ft.**

CPS-SLIC:

Name:	CT CORONA
Address:	1451 MAGNOLIA AVE X E 6TH ST
City,State,Zip:	CORONA, CA 92879
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	02/18/2014
Global Id:	T10000005860
Lead Agency:	RIVERSIDE COUNTY LOP
Lead Agency Case Number:	SR0029120
Latitude:	33.8722918516708
Longitude:	-117.535383403735
Case Type:	Cleanup Program Site
Case Worker:	SCB
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	Not reported
File Location:	Local Agency Warehouse
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Lead, Other Petroleum, Total Petroleum Hydrocarbons (TPH)
Site History:	See RCDEH site file and uploaded documents pertaining to this site.

Click here to access the California GeoTracker records for this facility:

CERS:

CT CORONA (Continued) **S116381386**

Name: CT CORONA
Address: 1451 MAGNOLIA AVE X E 6TH ST
City,State,Zip: CORONA, CA 92879
Site ID: 243252
CERS ID: T10000005860
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: SHARON BOLTINGHOUSE - RIVERSIDE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 3880 LEMON ST SUITE 200
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9519558980

H32 **VERIZON WIRELESS: AMERICAN** **HAULERS** **S113128298**
NNW **866 EL CAMINO AVENUE** **CERS HAZ WASTE** **N/A**
< 1/8 **CORONA, CA 92879** **HAZNET**
0.093 mi. **CERS**
493 ft. **Site 1 of 2 in cluster H** **HWTS**

Relative: **Lower**
Actual: **631 ft.**

HAULERS:
Name: PETE S ROAD SERVICE, INC. (RETREADER)
Address: 866 EL CAMINO AVE
City,State,Zip: CORONA, CA 92879-1755
Facility ID: 1296164
Facility Phone: (951) 372-8600
Business Email Address: rchavez@petesrs.com
Contact Person: Rick Chavez
Mailing Address: 2230 E Orangethorpe Ave
Mailing City: Fullerton
Mailing State: CA
Mailing Zip: 92831-5329
Mailing County: Not reported
Mailing Phone: (714) 446-1200
Current Status: Active Business
Current Hauler Status: Hauler - Registered
Accepting Tires From Public: Yes
Regulatory Status Last Changed: 12/13/2013
Business Types: Tire Dealer; Trucking/Bus Fleet; Tire Treading; WT Facility

Name: PETE S ROAD SERVICE, INC. (RETREADER)
Address: 866 EL CAMINO AVE
City,State,Zip: CORONA, CA 92879-1755
Facility ID: 1296164
Facility Phone: (951) 372-8600
Business Email Address: rchavez@petesrs.com
Contact Person: Rick Chavez
Mailing Address: 2230 E Orangethorpe Ave
Mailing City: Fullerton
Mailing State: CA
Mailing Zip: 92831-5329
Mailing County: Not reported
Mailing Phone: (714) 446-1200

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Current Status: Active Business
Current Hauler Status: Hauler - Registered
Accepting Tires From Public: Yes
Regulatory Status Last Changed: 12/13/2013
Business Types: Tire Dealer; Trucking/Bus Fleet; Tire Treading; WT Facility

CERS HAZ WASTE:
Name: PETE'S ROAD SERVICE
Address: 866 EL CAMINO AVE
City,State,Zip: CORONA, CA 92882
Site ID: 56515
CERS ID: 10554268
CERS Description: Hazardous Waste Generator

HAZNET:
Name: PETE'S ROAD SERVICE INC
Address: 866 EL CAMINO AVE
Address 2: Not reported
City,State,Zip: CORONA, CA 928315329
Contact: RICK CHAVEZ
Telephone: 7144461207
Mailing Name: Not reported
Mailing Address: 2230 E ORANGETHROPE AVE

Year: 2019
Gepaid: CAL000274552
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.16500

Year: 2018
Gepaid: CAL000274552
TSD EPA ID: AZR000520304
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.45870

Year: 2018
Gepaid: CAL000274552
TSD EPA ID: AZR000515924
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 4.00000

Year: 2017
Gepaid: CAL000274552
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.22935

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Year: 2017
Gepaid: CAL000274552
TSD EPA ID: AZR000515924
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.24

Year: 2015
Gepaid: CAL000274552
TSD EPA ID: CAD008252405
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1668

Year: 2015
Gepaid: CAL000274552
TSD EPA ID: AZR000515924
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 35.212

Year: 2015
Gepaid: CAL000274552
TSD EPA ID: AZR000501510
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.675

Year: 2015
Gepaid: CAL000274552
TSD EPA ID: CAD008302903
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.418

Year: 2013
Gepaid: CAL000274552
TSD EPA ID: ARD981057870
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.27

Click this hyperlink while viewing on your computer to access
24 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2003
Gen EPA ID: CAL000274552

Shipment Date: 20031030
Creation Date: 8/9/2004 8:46:56
Receipt Date: 20031107

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Manifest ID:	22815941
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D / K - ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20031030
Creation Date:	8/9/2004 8:46:56
Receipt Date:	20031105
Manifest ID:	22822116
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030925
Creation Date:	8/4/2004 18:30:55
Receipt Date:	20031001
Manifest ID:	22822112
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.3336
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030925
Creation Date:	8/4/2004 18:30:55
Receipt Date:	20031001
Manifest ID:	22822112
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1008
Waste Quantity:	28
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000274552
Shipment Date:	20090409
Creation Date:	8/12/2009 18:30:19
Receipt Date:	20090414
Manifest ID:	005774539JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.935

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090409
Creation Date:	6/27/2009 18:30:08
Receipt Date:	20090420
Manifest ID:	005774538JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SVCS
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000274552
Shipment Date:	20170309
Creation Date:	5/24/2017 18:30:56
Receipt Date:	20170314
Manifest ID:	016546960JJK
Trans EPA ID:	CAR000175422
Trans Name:	WORLDWIDE RECOVERY SYSTEMS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170309
Creation Date:	5/11/2018 18:32:17
Receipt Date:	20170315
Manifest ID:	016546958JJK
Trans EPA ID:	CAR000175422
Trans Name:	WORLDWIDE RECOVERY SYSTEMS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.24
Waste Quantity:	480
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000274552
Shipment Date:	20060512
Creation Date:	3/14/2007 18:30:41
Receipt Date:	20060512
Manifest ID:	24901742
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SOUTH
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	7.6
Waste Quantity:	2000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Shipment Date:	20060508
Creation Date:	8/4/2006 18:31:20
Receipt Date:	20060510
Manifest ID:	25194471
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS WEST
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060508
Creation Date:	8/24/2006 18:31:31
Receipt Date:	20060515
Manifest ID:	25194472
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	1.14675
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060421
Creation Date:	3/14/2007 18:30:41
Receipt Date:	20060428
Manifest ID:	24950091
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Trans Name:	US FILTER RECOVERY SERVICES CALIFORNIA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060220
Creation Date:	6/22/2006 18:33:59
Receipt Date:	20060223
Manifest ID:	25111561
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060131
Creation Date:	6/14/2006 18:34:03
Receipt Date:	20060203
Manifest ID:	24836699
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060125
Creation Date:	7/11/2006 18:33:41
Receipt Date:	20060131
Manifest ID:	25110348
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAL000263781
Trans 2 Name:	MIRAMONTES TRUCKING
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000274552
Shipment Date:	20150707
Creation Date:	2/4/2016 22:16:03
Receipt Date:	20150716
Manifest ID:	002736854GBF
Trans EPA ID:	CAL000224539
Trans Name:	FRS ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Shipment Date:	20150515
Creation Date:	11/9/2015 22:15:07
Receipt Date:	20150518
Manifest ID:	014564204JJK
Trans EPA ID:	CAT080012800
Trans Name:	HAZ MAT TRANS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	33.712
Waste Quantity:	40
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150403
Creation Date:	6/25/2015 22:15:58
Receipt Date:	20150407
Manifest ID:	014325806JJK
Trans EPA ID:	CAR000175422
Trans Name:	WORLDWIDE RECOVERY SYSTEMS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC -AZUSA
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.418
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150403
Creation Date:	9/3/2015 22:15:26
Receipt Date:	20150415
Manifest ID:	014325805JJK
Trans EPA ID:	CAR000175422
Trans Name:	WORLDWIDE RECOVERY SYSTEMS
Trans 2 EPA ID:	CAD980585293

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150403
Creation Date:	9/3/2015 22:15:26
Receipt Date:	20150415
Manifest ID:	014325805JJK
Trans EPA ID:	CAR000175422
Trans Name:	WORLDWIDE RECOVERY SYSTEMS
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150226
Creation Date:	8/18/2015 22:15:10
Receipt Date:	20150303
Manifest ID:	013705583JJK
Trans EPA ID:	CAR000175422
Trans Name:	WORLDWIDE RECOVERY SYSTEMS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.5
Waste Quantity:	3000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000274552
Shipment Date:	20110616
Creation Date:	8/26/2011 18:30:44
Receipt Date:	20110623
Manifest ID:	001836308JJK
Trans EPA ID:	CAR000168229
Trans Name:	HAZARDOUS TECHNOLOGIES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000274552
Shipment Date:	20081216
Creation Date:	5/12/2009 18:30:08
Receipt Date:	20081229
Manifest ID:	004954756JJK
Trans EPA ID:	CAR000175422
Trans Name:	WORLDWIDE RECOVERY SYSTEMS INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080515
Creation Date:	10/1/2008 18:30:17
Receipt Date:	20080519
Manifest ID:	003951073JJK
Trans EPA ID:	CAR000188201
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.935
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAL000274552
Shipment Date:	20051206
Creation Date:	1/4/2007 18:30:12
Receipt Date:	20051208
Manifest ID:	24808872
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1125

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051206
Creation Date:	3/22/2006 18:30:36
Receipt Date:	20051208
Manifest ID:	24808873
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050831
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050907
Manifest ID:	24660949
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	CAR000154435
Trans 2 Name:	CAMPBELL & SON
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	4.17
Waste Quantity:	1000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050218

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Creation Date:	4/29/2005 11:28:07
Receipt Date:	20050225
Manifest ID:	24016338
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.17
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050218
Creation Date:	4/29/2005 8:38:49
Receipt Date:	20050224
Manifest ID:	24016336
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	NONE
Meth Code:	- Not reported
Quantity Tons:	0.34
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000274552

Shipment Date:	20131016
Creation Date:	3/26/2014 22:15:09
Receipt Date:	20131028
Manifest ID:	011594161JJK
Trans EPA ID:	CAR000175422
Trans Name:	WORLDWIDE RECOVERY SYSTEMS INC

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130626
Creation Date:	11/16/2013 22:15:24
Receipt Date:	20130709
Manifest ID:	011180454JJK
Trans EPA ID:	CAR000175422
Trans Name:	WORLDWIDE RECOVERY SYSTEMS INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000274552

Shipment Date:	20071004
Creation Date:	3/11/2008 18:30:23
Receipt Date:	20071009
Manifest ID:	003031381JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.935
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070920
Creation Date:	12/28/2007 18:31:29
Receipt Date:	20070920
Manifest ID:	002471159JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	EVERGREEN ENVIRONMENTAL SVCS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	3.36
Waste Quantity:	800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070618
Creation Date:	12/28/2007 18:30:19
Receipt Date:	20070625
Manifest ID:	002336084JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.935
Waste Quantity:	275

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070601
Creation Date:	10/23/2007 18:30:22
Receipt Date:	20070601
Manifest ID:	001826493JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981696420
Trans Name:	EVERGREEN ENVIRONMENTAL SVCS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.88
Waste Quantity:	1400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070515
Creation Date:	10/18/2007 18:30:17
Receipt Date:	20070523
Manifest ID:	002950490JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.085
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Shipment Date:	20070419
Creation Date:	12/10/2007 18:30:36
Receipt Date:	20070424
Manifest ID:	001967996JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.935
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070319
Creation Date:	1/8/2008 18:30:08
Receipt Date:	20070323
Manifest ID:	001967001JJK
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS (ID #778)
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.748
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070118
Creation Date:	8/9/2007 18:30:06
Receipt Date:	20070119
Manifest ID:	001136302JJK
Trans EPA ID:	CAL000195683
Trans Name:	ALPHA ENVIRONMENTAL
Trans 2 EPA ID:	Not reported

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMEN WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070118
Creation Date:	8/9/2007 18:30:06
Receipt Date:	20070119
Manifest ID:	001136302JJK
Trans EPA ID:	CAL000195683
Trans Name:	ALPHA ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMEN WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	VERIZON WIRELESS: AMERICAN
Address:	866 EL CAMINO AVENUE
City,State,Zip:	CORONA, CA 92879
Site ID:	424377
CERS ID:	10161011
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	424377
Site Name:	Verizon Wireless: American
Violation Date:	05-18-2018
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

	Ordinance
Violation Notes:	Returned to compliance on 07/30/2020. 101- NFPA placard is not posted. Use combined ratings for the diesel & batteries, place on outside of enclosure.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	424377
Site Name:	Verizon Wireless: American
Violation Date:	05-23-2014
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 09/18/2014.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-18-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-23-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	Verizon Wireless
Entity Title:	Not reported
Affiliation Address:	15505 Sand Canyon Avenue, MS D-104
Affiliation City:	Irvine
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92618
Affiliation Phone:	(949) 286-7000
Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055
Affiliation Type Desc:	Environmental Contact
Entity Name:	Environmental Compliance
Entity Title:	Not reported
Affiliation Address:	15505 Sand Canyon Avenue, MS D-104
Affiliation City:	Irvine
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92618
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Wilson Rodriguez
Entity Title:	Engr III Spec-RE/Regulatory
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Verizon Wireless [Southern California]
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Steve Skanderson, Stantec
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Verizon Wireless
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(949) 286-7000
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	15505 Sand Canyon Avenue, MS D-104

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Affiliation City: Irvine
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92618
Affiliation Phone: Not reported

Name: PETE'S ROAD SERVICE
Address: 866 EL CAMINO AVE
City,State,Zip: CORONA, CA 92882
Site ID: 56515
CERS ID: 10554268
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 56515
Site Name: Pete's Road Service
Violation Date: 02-08-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 03/29/2019. Annual training not available. Provide annual employee training documents for review.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 56515
Site Name: Pete's Road Service
Violation Date: 08-19-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 09/01/2015.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 56515
Site Name: Pete's Road Service
Violation Date: 02-26-2016
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 03/31/2016. Remove: Argon. Change: Tire lube max=430 gal, tire paint max=165 gal, 02 max=416 c.f., LPG max=126 gal, motor oil max=645 gal. largest con=240 gal. Add: ATF-240 gal, used oil-500 gal, waste coolant-(2) 55 gal, C02/Argon mix-largest cont.=142 c.f. max=426 c.f.
Violation Division: Corona Fire Department

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Violation Program: HMRRP
Violation Source: CERS

Site ID: 56515
Site Name: Pete's Road Service
Violation Date: 02-26-2016
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 03/17/2016. Change Luis Ortega to David Ramirez
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 56515
Site Name: Pete's Road Service
Violation Date: 02-26-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 03/21/2016. Replace faded placards on propane storage. Get a placard for outside gas storage. Replace faded placards at entrances. Get a placard for alcohol cabinet.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 56515
Site Name: Pete's Road Service
Violation Date: 02-08-2019
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Chemical inventory was not reported correctly. Please change the following; Motor oil to waste motor oil, Maximum amounts for largest container and daily amounts from 220 to 500 gallons.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-08-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-21-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-29-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-29-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility generates used oil, waste antifreeze, used oil fuel filters, and contaminated solids. Ausbury is the facility's hazardous waste hauler.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 56515
Site Name: Pete's Road Service
Site Address: 866 EL CAMINO AVE
Site City: CORONA
Site Zip: 92882
Enf Action Date: 02-08-2019
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Enf Action Division: Corona Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 56515
Site Name: Pete’s Road Service
Site Address: 866 EL CAMINO AVE
Site City: CORONA
Site Zip: 92882
Enf Action Date: 02-26-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Corona Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 56515
Site Name: Pete’s Road Service
Site Address: 866 EL CAMINO AVE
Site City: CORONA
Site Zip: 92882
Enf Action Date: 08-19-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HW
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Operator
Entity Name: JOHN LIMBURG
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (951) 372-8600

Affiliation Type Desc: Parent Corporation
Entity Name: Pete’s Road Service
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: RICK CHAVEZ
Entity Title: SAFETY MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503
Affiliation Phone: (951) 358-5055

Affiliation Type Desc: Legal Owner
Entity Name: KYLE FLETCHER
Entity Title: Not reported
Affiliation Address: 2230 E. ORANGETHORPE AVE
Affiliation City: FULLERTON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92831
Affiliation Phone: (714) 446-1207

Affiliation Type Desc: Document Preparer
Entity Name: RICK CHAVEZ
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: RICK CHAVEZ
Entity Title: Not reported
Affiliation Address: 2230 E. ORANGETHORPE AVE
Affiliation City: FULLERTON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92831
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 866 El Camino Ave
Affiliation City: Corona
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92879
Affiliation Phone: Not reported

HWTS:
Name: PETE'S ROAD SERVICE INC

VERIZON WIRELESS: AMERICAN (Continued) **S113128298**

Address:	866 EL CAMINO AVE
Address 2:	Not reported
City,State,Zip:	CORONA, CA 928791755
EPA ID:	CAL000274552
Inactive Date:	Not reported
Create Date:	09/11/2003
Last Act Date:	08/14/2020
Mailing Name:	Not reported
Mailing Address:	2230 E ORANGETHROPE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	FULLERTON, CA 928315329
Owner Name:	PETE'S ROAD SERVICE INC
Owner Address:	2230 E ORANGETHROPE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	FULLERTON, CA 928315329
Contact Name:	RICK CHAVEZ
Contact Address:	2230 E ORANGETHORPE AVE
Contact Address 2:	Not reported
City,State,Zip:	FULLERTON, CA 928310000

NAICS:

EPA ID:	CAL000274552
Create Date:	2005-09-27 15:01:35.000
NAICS Code:	811118
NAICS Description:	Other Automotive Mechanical and Electrical Repair and Maintenance
Issued EPA ID Date:	2003-09-11 08:37:50.13300
Inactive Date:	Not reported
Facility Name:	PETE'S ROAD SERVICE INC
Facility Address:	866 EL CAMINO AVE
Facility Address 2:	Not reported
Facility City:	CORONA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	928791755

H33 **PETE'S ROAD SERVICE INC** **RCRA NonGen / NLR** **1024807486**
NNW **866 EL CAMINO AVE** **CAL000274552**
< 1/8 **CORONA, CA 92879**
0.093 mi.
493 ft. **Site 2 of 2 in cluster H**

Relative: **Lower**
Actual: **631 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2003-09-11 00:00:00.0
Handler Name:	PETE'S ROAD SERVICE INC	
Handler Address:		866 EL CAMINO AVE
Handler City,State,Zip:		CORONA, CA 92879-1755
EPA ID:		CAL000274552
Contact Name:		RICK CHAVEZ
Contact Address:		2230 E ORANGETHORPE AVE
Contact City,State,Zip:		FULLERTON, CA 92831-0000
Contact Telephone:		714-446-1207
Contact Fax:		Not reported
Contact Email:		RCHAVEZ@PETESRS.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified

PETE'S ROAD SERVICE INC (Continued) **1024807486**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2230 E ORANGETHROPE AVE
Mailing City,State,Zip:	FULLERTON, CA 92831-5329
Owner Name:	PETE'S ROAD SERVICE INC
Owner Type:	Other
Operator Name:	RICK CHAVEZ
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

PETE'S ROAD SERVICE INC (Continued) **1024807486**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:25:14.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PETE'S ROAD SERVICE INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2230 E ORANGETHROPE AVE
Owner/Operator City,State,Zip:	FULLERTON, CA 92831-5329
Owner/Operator Telephone:	714-446-1207
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RICK CHAVEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2230 E ORANGETHORPE AVE
Owner/Operator City,State,Zip:	FULLERTON, CA 92831-0000
Owner/Operator Telephone:	714-446-1207
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2003-09-11 00:00:00.0
Handler Name: PETE'S ROAD SERVICE INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811118
NAICS Description:	OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

PETE'S ROAD SERVICE INC (Continued) **1024807486**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

34
West
< 1/8
0.096 mi.
506 ft.

CITY OF HOPE CORONA **RCRA NonGen / NLR** **1025869526**
1280 CORONA POINTE CT STE 112 **CAL000410963**
CORONA, CA 92879

Relative:
Lower

Actual:
635 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2015-10-07 00:00:00.0
Handler Name:	CITY OF HOPE CORONA	
Handler Address:		1280 CORONA POINTE CT STE 112
Handler City,State,Zip:		CORONA, CA 92879
EPA ID:		CAL000410963
Contact Name:		MR. JAY BENSON
Contact Address:		1500 E DUARTE RD
Contact City,State,Zip:		DUARTE, CA 91010
Contact Telephone:		626-218-3026
Contact Fax:		000-000-0000
Contact Email:		JBENSON@COH.ORG
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1500 E DUARTE ROAD
Mailing City,State,Zip:		DUARTE, CA 91010-0000
Owner Name:		CITY OF HOPE
Owner Type:		Other
Operator Name:		MR. JAY BENSON
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

CITY OF HOPE CORONA (Continued) **1025869526**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-28 17:07:02.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF HOPE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1500 E DUARTE RD
Owner/Operator City,State,Zip:	DUARTE, CA 91010-3000
Owner/Operator Telephone:	626-256-4673
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MR. JAY BENSON
Legal Status:	Other

CITY OF HOPE CORONA (Continued) **1025869526**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1500 E DUARTE RD
Owner/Operator City,State,Zip:	DUARTE, CA 91010
Owner/Operator Telephone:	626-218-3026
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-10-07 00:00:00.0
Handler Name: CITY OF HOPE CORONA	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	621498
NAICS Description:	ALL OTHER OUTPATIENT CARE CENTERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

I35 **FEROZ RUCK SERVICE LLC** **RCRA NonGen / NLR** **1024848104**
SSW **1264 MAGNOLIA AVE** **CAL000403450**
< 1/8 **CORONA, CA 92879**
0.113 mi.
595 ft. **Site 1 of 7 in cluster I**

Relative:
Higher

Actual:
658 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2015-01-06 00:00:00.0
Handler Name: FEROZ RUCK SERVICE LLC	
Handler Address:	1264 MAGNOLIA AVE
Handler City,State,Zip:	CORONA, CA 92879
EPA ID:	CAL000403450
Contact Name:	JESSICA HOFMANN
Contact Address:	1264 MAGNOLIA AVE
Contact City,State,Zip:	CORONA, CA 92879
Contact Telephone:	951-808-4771
Contact Fax:	951-808-9768
Contact Email:	JRHOFMANN28@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified

FEROZ RUCK SERVICE LLC (Continued) **1024848104**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1264 MAGNOLIA AVE
Mailing City,State,Zip:	CORONA, CA 92879
Owner Name:	FERNANDO OROZCO
Owner Type:	Other
Operator Name:	JESSICA HOFMANN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

FEROZ RUCK SERVICE LLC (Continued) **1024848104**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:05:35.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JESSICA HOFMANN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1264 MAGNOLIA AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-808-4771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FERNANDO OROZCO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6304 MANZANITA WAY
Owner/Operator City,State,Zip:	RIVERSIDE, CA 92504
Owner/Operator Telephone:	951-300-6254
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-01-06 00:00:00.0
Handler Name: FEROZ RUCK SERVICE LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

FEROZ RUCK SERVICE LLC (Continued) **1024848104**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J36 **DOWNS ENERGY MAGNOLIA GASOLINE (SITE 68)** **UST** **U003802444**
SSW **1296 MAGNOLIA AVE** **N/A**
< 1/8 **CORONA, CA 92879**
0.115 mi.
607 ft. **Site 1 of 6 in cluster J**

Relative:
Higher

Actual:
669 ft.

UST:
Name: DOWNS ENERGY MAGNOLIA GASOLINE (SITE 68)
Address: 1296 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Facility ID: FA0021765
Permitting Agency: Riverside County Department of Environmental Health
Latitude: 33.86648
Longitude: -117.53912

Name: DOWNS COMMERCIAL FUELING INC
Address: 1296 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Facility ID: 285
Permitting Agency: RIVERSIDE COUNTY
Latitude: 33.8685086
Longitude: -117.5377846

J37 **DOWNS OIL CO INC** **LUST** **S104575771**
SSW **1296 MAGNOLIA AVE** **Cortese** **N/A**
< 1/8 **CORONA, CA 92879** **EMI**
0.115 mi. **CERS**
607 ft. **Site 2 of 6 in cluster J**

Relative:
Higher

Actual:
669 ft.

RIVERSIDE CO. LUST:
Name: DOWNS OIL
Address: 1296 MAGNOLIA AVE
City,State,Zip: CORONA, CA
Region: RIVERSIDE
Facility ID: 970639
Employee: Malloy
Site Closed: Yes
Case Type: Drinking Water Aquifer affected
Facility Status: closed/action completed
Casetype Decode: An Aquifer used for Drinking Water supply has been contaminated.
Fstatus Decode: Closed/Action completed

LUST:
Name: DOWNS OIL
Address: 1296 MAGNOLIA AVE
City,State,Zip: CORONA, CA 91719
Lead Agency: RIVERSIDE COUNTY LOP
Case Type: LUST Cleanup Site

DOWNS OIL CO INC (Continued) **S104575771**

Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500496
Global Id:	T0606500496
Latitude:	33.8670428498476
Longitude:	-117.539365409262
Status:	Completed - Case Closed
Status Date:	11/29/1999
Case Worker:	RIV
RB Case Number:	083303020T
Local Agency:	RIVERSIDE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	970639
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0606500496
Contact Type:	Regional Board Caseworker
Contact Name:	CARL BERNHARDT
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	carl.bernhardt@waterboards.ca.gov
Phone Number:	9517824495

Global Id:	T0606500496
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP
Organization Name:	RIVERSIDE COUNTY LOP
Address:	3880 LEMON ST SUITE 200
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558980

LUST:

Global Id:	T0606500496
Action Type:	ENFORCEMENT
Date:	11/17/2008
Action:	File review - #RCDEH Upload Site File 3/11/2015

Global Id:	T0606500496
Action Type:	ENFORCEMENT
Date:	02/17/2016
Action:	Other Report - #RCDEH sample review April 2016

Global Id:	T0606500496
Action Type:	ENFORCEMENT
Date:	02/17/2016
Action:	Other Report - #RCDEH sample review Jan 2016

Global Id:	T0606500496
Action Type:	ENFORCEMENT
Date:	02/17/2016
Action:	Other Report - #RCDEH sample review 2008

Global Id:	T0606500496
Action Type:	ENFORCEMENT

DOWNS OIL CO INC (Continued) **S104575771**

Date: 11/18/2008
Action: Closure/No Further Action Letter - #Site Closure

Global Id: T0606500496
Action Type: Other
Date: 06/17/1997
Action: Leak Discovery

Global Id: T0606500496
Action Type: Other
Date: 06/17/1997
Action: Leak Stopped

Global Id: T0606500496
Action Type: Other
Date: 09/09/1997
Action: Leak Reported

LUST:
Global Id: T0606500496
Status: Open - Case Begin Date
Status Date: 06/17/1997

Global Id: T0606500496
Status: Completed - Case Closed
Status Date: 11/29/1999

CORTESE:
Name: DOWNS OIL
Address: 1296 MAGNOLIA AVE
City,State,Zip: CORONA, CA 91719
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0606500496
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

EMI:
Name: DOWNS OIL CO INC

DOWNS OIL CO INC (Continued) **S104575771**

Address:	1296 MAGNOLIA AVENUE
City,State,Zip:	CORONA, CA 928790000
Year:	1990
County Code:	33
Air Basin:	SC
Facility ID:	3381
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS OIL CO INC
Address:	1296 MAGNOLIA AVENUE
City,State,Zip:	CORONA, CA 928790000
Year:	1993
County Code:	33
Air Basin:	SC
Facility ID:	3381
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS OIL CO INC
Address:	1296 MAGNOLIA AVENUE
City,State,Zip:	CORONA, CA 928790000
Year:	1995
County Code:	33
Air Basin:	SC
Facility ID:	3381
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

DOWNS OIL CO INC (Continued) **S104575771**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name:	DOWNS OIL CO INC
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 928790000
Year:	1996
County Code:	33
Air Basin:	SC
Facility ID:	3381
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS OIL CO INC
Address:	1296 MAGNOLIA AVENUE
City,State,Zip:	CORONA, CA 928790000
Year:	1997
County Code:	33
Air Basin:	SC
Facility ID:	3381
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS OIL CO INC
Address:	1296 MAGNOLIA AVENUE
City,State,Zip:	CORONA, CA 928790000
Year:	1998
County Code:	33
Air Basin:	SC
Facility ID:	3381
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0

DOWNS OIL CO INC (Continued) **S104575771**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: DOWNS OIL CO INC
Address: 1296 MAGNOLIA AVENUE
City,State,Zip: CORONA, CA 928790000
Year: 1999
County Code: 33
Air Basin: SC
Facility ID: 3381
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: DOWNS OIL CO INC
Address: 1296 MAGNOLIA AVENUE
City,State,Zip: CORONA, CA 928790000
Year: 2000
County Code: 33
Air Basin: SC
Facility ID: 3381
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: DOWNS OIL CO INC
Address: 1296 MAGNOLIA AVENUE
City,State,Zip: CORONA, CA 928790000
Year: 2001
County Code: 33
Air Basin: SC
Facility ID: 3381
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

DOWNS OIL CO INC (Continued) **S104575771**

Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS:

Name:	DOWNS OIL
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 91719
Site ID:	256884
CERS ID:	T0606500496
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CARL BERNHARDT - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517824495

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	Riverside County LOP - RIVERSIDE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	3880 LEMON ST SUITE 200
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9519558980

J38 **DOWNS ENERGY** **LUST** **S108205261**
SSW **1296 MAGNOLIA AVE** **CHMIRS** **N/A**
< 1/8 **CORONA, CA 92879** **Cortese**
0.115 mi. **EMI**
607 ft. **Site 3 of 6 in cluster J** **HAZNET**
CERS
Relative: **HWTS**
Higher

Actual: **669 ft.**

RIVERSIDE CO. LUST:

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA
Region:	RIVERSIDE
Facility ID:	2016RO6600628
Employee:	Briones-LOP
Site Closed:	Referred to Water Board
Case Type:	Soil only
Facility Status:	closed/action completed
Casetype Decode:	Soil only is impacted
Fstatus Decode:	Closed/Action completed

DOWNS ENERGY (Continued) **S108205261**

LUST:

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000008937
Global Id:	T10000008937
Latitude:	33.86633
Longitude:	-117.53977
Status:	Completed - Case Closed
Status Date:	04/03/2019
Case Worker:	CAB
RB Case Number:	Not reported
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	2016RO6600628
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Downs Energy is a high-volume commercial fueling facility. Release was discovered in April 2016 during facility UST systems upgrades/removals. Site Background The site is located southeast of the intersection of Magnolia Ave and Interstate I-15 in Corona, California. It is operated as a commercial fueling card lock facility. Two gasoline and diesel fueling areas were present at the Site. The diesel fueling area consists of 12 card lock diesel dispenser areas located in the north central portions of the site fueled by three diesel underground storage tanks (USTs) and one nearby gasoline fuel UST. The gasoline fueling area consisted of four USTs and 12 dispenser islands that were removed from the site in April to May 2016. Previous Investigations/Corrective Action An unauthorized release of diesel fuel was discovered when soil samples collected on April 6, 2016 detected TPH-diesel at a concentration of up to 10,900 mg/l. On April 19, 2016, soil samples were collected at the time of removal of four underground storage tanks (USTs) and associated dispenser islands located at the northern portion of the property. TPH-gasoline and TPH-diesel were detected at a concentration of up to 4,150 ppm and 995 ppm, respectively. Downs Energys consultant, PIC Environmental (PIC), asserted that the diesel impacted soil detected during the removal of the USTs from the gasoline fueling area were likely residual diesel contamination that was previously assessed as part of the past releases from the USTs at the Site. Riverside County Department of Environmental Health had granted closure in 1999. From July to August 2016, 11 soil borings and three exploratory trenches were advanced to a maximum depth of 84 feet bgs. TPH-diesel was detected at a maximum concentration of 6,160 ppm at a depth of 11 feet bgs in the diesel area and was not detected in soil samples collected below 40 feet bgs. An estimated 2,000-cubic yards of soil was believed to be affected by diesel exceeding 1,000 mg/kg. TPH-gasoline was detected at a concentration of 8,200 PPM at a depth of 20 feet in the gasoline fuel area and not detected below 45 feet bgs. No benzene was detected. Grab groundwater samples were collected from borings D1 and S2 at a depth of 60 to 80 feet bgs. No petroleum fuel constituents were detected in the groundwater. PIC concluded that the extent of the diesel-affected soil in the diesel fueling area had been defined and appeared to meet the SWRCB Low -Risk Closure Criteria, and therefore recommended no further

DOWNS ENERGY (Continued) **S108205261**

assessment. PIC further concluded that the lateral extent of the gasoline and diesel affected soil in the gasoline fueling area was not defined with the two soil borings, and recommended that further assessment be conducted. In April 2017, four additional soil borings were advanced in the diesel dispenser area and two additional soil borings were advanced to depths up to 60 feet bgs in the gasoline fueling area. TPH-diesel was detected at a concentration of 1,524 ppm at a depth of 20 feet. No gasoline fuel constituents were detected. Groundwater was collected from three soil borings and no fuel associated constituents were detected. Trichloroethene was detected in the groundwater samples at a concentration of up to 1.5 a%g/l. On July 1, 2017, RCDEH transferred regulatory oversight to Santa Ana Regional Water Quality Control Board staff. Request for Closure Based on these findings, PIC Environmental is proposing site closure based on the following assertions: Diesel Fueling Area Lateral and vertical extent of the diesel fuel hydrocarbons have been defined. Diesel release has not impacted the underlying groundwater. The residual concentrations of diesel in the soil meets the SWRCB Low Threat Criteria for site closure. Gasoline Fueling Area Lateral and vertical extent of the gasoline and diesel fuel hydrocarbons detected beneath the southwestern dispenser island have adequately been defined. The vertical extent of the affected soil does not extend to groundwater and does not impact the underlying groundwater. There are no anticipated significant health risks associated with contact or inhalation as a result of exposure with the residual impacted soil at the Site. The residual concentrations of gasoline and diesel fuel hydrocarbons in the soil meets the SWRCB Low Threat Criteria for site closure.

LUST:
Global Id: T10000008937
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: carl.bernhardt@waterboards.ca.gov
Phone Number: 9517824495

LUST:
Global Id: T10000008937
Action Type: RESPONSE
Date: 01/24/2017
Action: Other Report / Document

Global Id: T10000008937
Action Type: RESPONSE
Date: 05/18/2016
Action: Correspondence

Global Id: T10000008937
Action Type: RESPONSE
Date: 06/15/2016
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000008937
Action Type: RESPONSE

DOWNS ENERGY (Continued) **S108205261**

Date: 01/27/2016
Action: Site Assessment Report

Global Id: T10000008937
Action Type: RESPONSE
Date: 05/04/2016
Action: Soil and Water Investigation Workplan

Global Id: T10000008937
Action Type: RESPONSE
Date: 05/17/2016
Action: Correspondence

Global Id: T10000008937
Action Type: ENFORCEMENT
Date: 05/19/2016
Action: Notice of Responsibility - #RCDEH-NOR

Global Id: T10000008937
Action Type: ENFORCEMENT
Date: 05/19/2016
Action: Unauthorized Release Form - #URR

Global Id: T10000008937
Action Type: ENFORCEMENT
Date: 04/14/2017
Action: Staff Letter - #RCDEH 04/14/2017 letter

Global Id: T10000008937
Action Type: RESPONSE
Date: 05/17/2016
Action: Preliminary Site Assessment Workplan

Global Id: T10000008937
Action Type: RESPONSE
Date: 04/25/2017
Action: Other Report / Document

Global Id: T10000008937
Action Type: RESPONSE
Date: 07/19/2016
Action: Other Report / Document

Global Id: T10000008937
Action Type: RESPONSE
Date: 06/28/2016
Action: Preliminary Site Assessment Workplan - Addendum

Global Id: T10000008937
Action Type: RESPONSE
Date: 06/21/2016
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000008937
Action Type: RESPONSE
Date: 03/29/2017
Action: Site Investigation Workplan - Regulator Responded

DOWNS ENERGY (Continued) **S108205261**

Global Id: T10000008937
Action Type: ENFORCEMENT
Date: 07/01/2017
Action: Referral to Regional Board - #RCDEH notification letters

Global Id: T10000008937
Action Type: RESPONSE
Date: 05/05/2016
Action: Soil and Water Investigation Report

Global Id: T10000008937
Action Type: RESPONSE
Date: 07/29/2016
Action: Other Report / Document

Global Id: T10000008937
Action Type: RESPONSE
Date: 06/29/2016
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T10000008937
Action Type: ENFORCEMENT
Date: 01/24/2019
Action: Notification - Public Notice of Case Closure

Global Id: T10000008937
Action Type: ENFORCEMENT
Date: 07/01/2017
Action: File review - #RCDEH site summary

Global Id: T10000008937
Action Type: ENFORCEMENT
Date: 04/03/2019
Action: Closure/No Further Action Letter

Global Id: T10000008937
Action Type: RESPONSE
Date: 01/17/2017
Action: Other Report / Document

Global Id: T10000008937
Action Type: RESPONSE
Date: 07/29/2016
Action: Other Report / Document

Global Id: T10000008937
Action Type: Other
Date: 05/19/2016
Action: Leak Discovery

Global Id: T10000008937
Action Type: Other
Date: 04/06/2016
Action: Leak Stopped

Global Id: T10000008937
Action Type: Other

DOWNS ENERGY (Continued) **S108205261**

Date: 05/19/2016
Action: Leak Reported

Global Id: T10000008937
Action Type: RESPONSE
Date: 08/26/2016
Action: Soil and Water Investigation Report

Global Id: T10000008937
Action Type: RESPONSE
Date: 01/05/2017
Action: Other Report / Document

Global Id: T10000008937
Action Type: RESPONSE
Date: 07/16/2017
Action: Soil and Water Investigation Report

LUST:
Global Id: T10000008937
Status: Open - Case Begin Date
Status Date: 04/06/2016

Global Id: T10000008937
Status: Open - Active
Status Date: 05/19/2016

Global Id: T10000008937
Status: Open - Assessment & Interim Remedial Action
Status Date: 05/19/2016

Global Id: T10000008937
Status: Completed - Case Closed
Status Date: 04/03/2019

CHMIRS:
Name: Not reported
Address: 1296 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
OES Incident Number: 15-1996
OES notification: 04/10/2015
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported

DOWNS ENERGY (Continued) **S108205261**

Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Service Station
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	2130
Year:	2015
Agency:	Downs Energy
Incident Date:	04/09/2015
Admin Agency:	Corona Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Clear Diesel
Quantity Released:	5
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states that a customer over serviced their vehicle causing the release. Cleanup has been completed, in-house by on-site personnel and external cleanup completed by the City of Corona.

DOWNS ENERGY (Continued) **S108205261**

Name:	Not reported
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
OES Incident Number:	16-5097
OES notification:	08/22/2016
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Service Station
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Bbl.(s)
Other:	Not reported
Date/Time:	830
Year:	2016
Agency:	State Line Transportation and Clean-up
Incident Date:	08/22/2016
Admin Agency:	Corona Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Diesel Fuel and Water Mixture
Quantity Released:	12
Unknown:	Not reported
Substance #2:	Not reported

DOWNS ENERGY (Continued) **S108205261**

Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP States: Due to a fuel leak in a semi-truck, approximately 25-30 gallons of diesel fuel were released on to the asphalt in a service station. The truck caught on fire, and the fire effected only the truck--the trailer was not effected. The 12 barrels

CORTESE:

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T10000008937
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

EMI:

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 928790000
Year:	2005
County Code:	33
Air Basin:	SC
Facility ID:	115110
Air District Name:	SC

DOWNS ENERGY (Continued) **S108205261**

SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.9749
Reactive Organic Gases Tons/Yr:	1.96759287
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 928790000
Year:	2006
County Code:	33
Air Basin:	SC
Facility ID:	115110
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.6506454741913000201
Reactive Organic Gases Tons/Yr:	.504
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 928790000
Year:	2007
County Code:	33
Air Basin:	SC
Facility ID:	115110
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.5154857783927112595
Reactive Organic Gases Tons/Yr:	.504
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Year:	2008
County Code:	33

DOWNS ENERGY (Continued) **S108205261**

Air Basin:	SC
Facility ID:	115110
Air District Name:	SC
SIC Code:	5172
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.1245348221215967433
Reactive Organic Gases Tons/Yr:	.1184696129
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Year:	2009
County Code:	33
Air Basin:	SC
Facility ID:	115110
Air District Name:	SC
SIC Code:	5172
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.97969392462999105
Reactive Organic Gases Tons/Yr:	0.97097599999999995
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Year:	2010
County Code:	33
Air Basin:	SC
Facility ID:	115110
Air District Name:	SC
SIC Code:	5172
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.81626849762028697
Reactive Organic Gases Tons/Yr:	0.80852385000000004
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE

DOWNS ENERGY (Continued) **S108205261**

City,State,Zip:	CORONA, CA 92879
Year:	2011
County Code:	33
Air Basin:	SC
Facility ID:	115110
Air District Name:	SC
SIC Code:	5172
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.78590196957
Reactive Organic Gases Tons/Yr:	0.77882735
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Year:	2012
County Code:	33
Air Basin:	SC
Facility ID:	115110
Air District Name:	SC
SIC Code:	5172
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.73573141573
Reactive Organic Gases Tons/Yr:	0.72899
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Year:	2013
County Code:	33
Air Basin:	SC
Facility ID:	115110
Air District Name:	SC
SIC Code:	5172
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.73581519095
Reactive Organic Gases Tons/Yr:	0.73153746
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

DOWNS ENERGY (Continued) **S108205261**

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Year:	2015
County Code:	33
Air Basin:	SC
Facility ID:	115110
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.1152798851
Reactive Organic Gases Tons/Yr:	1.10828407
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Year:	2016
County Code:	33
Air Basin:	SC
Facility ID:	115110
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.51288638439
Reactive Organic Gases Tons/Yr:	0.51077154
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Year:	2017
County Code:	33
Air Basin:	SC
Facility ID:	115110
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.54783829114
Reactive Organic Gases Tons/Yr:	0.54518742
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported

DOWNS ENERGY (Continued) **S108205261**

Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

Name: DOWNS ENERGY
Address: 1296 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Year: 2018
County Code: 33
Air Basin: SC
Facility ID: 115110
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.61976536532
Reactive Organic Gases Tons/Yr: 0.616813753
Carbon Monoxide Emissions Tons/Yr: Not reported
NOX - Oxides of Nitrogen Tons/Yr: Not reported
SOX - Oxides of Sulphur Tons/Yr: Not reported
Particulate Matter Tons/Yr: Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr: Not reported

HAZNET:
Name: DOWNS ENERGY
Address: 1296 MAGNOLIA AVE
Address 2: Not reported
City,State,Zip: CORONA, CA 928790000
Contact: ANGIE MARTINEZ, OPERATIONS MGR
Telephone: 9517379866
Mailing Name: Not reported
Mailing Address: 1296 MAGNOLIA AVE

Year: 2005
Gepaid: CAL000025616
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 1.55

Year: 2005
Gepaid: CAL000025616
TSD EPA ID: CAT080033681
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 3

Year: 2005
Gepaid: CAL000025616
TSD EPA ID: CAT080013352
CA Waste Code: 241 - Tank bottom waste
Disposal Method: R01 - Recycler
Tons: 0.2085

Year: 2004
Gepaid: CAL000025616
TSD EPA ID: CAT080013352

DOWNS ENERGY (Continued) **S108205261**

CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: R01 - Recycler
Tons: 0.748

Year: 2004
Gepaid: CAL000025616
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: R01 - Recycler
Tons: 1.11

Year: 2004
Gepaid: CAL000025616
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.18

Year: 2003
Gepaid: CAL000025616
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.4

Year: 2003
Gepaid: CAL000025616
TSD EPA ID: CAD008252405
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: R01 - Recycler
Tons: 0.935

Year: 2002
Gepaid: CAL000025616
TSD EPA ID: CAD982444481
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.75

Year: 2002
Gepaid: CAL000025616
TSD EPA ID: CAD008252405
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: R01 - Recycler
Tons: 0.374

Click this hyperlink while viewing on your computer to access
14 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2001
Gen EPA ID: CAL000025616

Shipment Date: 20011130
Creation Date: 2/13/2002 0:00:00
Receipt Date: 20011205

DOWNS ENERGY (Continued) **S108205261**

Manifest ID:	21425387
Trans EPA ID:	CAL000159893
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011130
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011205
Manifest ID:	21425388
Trans EPA ID:	CAL000159893
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011130
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011205
Manifest ID:	21425387
Trans EPA ID:	CAL000159893
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported

DOWNS ENERGY (Continued) **S108205261**

Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.561
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAL000025616
Shipment Date:	20041118
Creation Date:	3/13/2007 18:30:42
Receipt Date:	20041202
Manifest ID:	24025202
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D / K - ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040716
Creation Date:	11/5/2004 18:32:00
Receipt Date:	20040722
Manifest ID:	23582573
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D / K - ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.125
Waste Quantity:	250

DOWNS ENERGY (Continued) **S108205261**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040525
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040603
Manifest ID:	23595430
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D / K - ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.055
Waste Quantity:	110
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040331
Creation Date:	10/15/2004 8:41:08
Receipt Date:	20040412
Manifest ID:	23589492
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.748
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040302
Creation Date:	8/23/2004 8:48:57

DOWNS ENERGY (Continued) **S108205261**

Receipt Date:	20040310
Manifest ID:	23332277
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D / K - ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.11
Waste Quantity:	220
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040302
Creation Date:	8/23/2004 8:48:57
Receipt Date:	20040310
Manifest ID:	23332277
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D / K - ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000025616

Shipment Date:	19990728
Creation Date:	9/23/1999 0:00:00
Receipt Date:	19990805
Manifest ID:	99127879
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

DOWNS ENERGY (Continued) **S108205261**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990728
Creation Date:	9/23/1999 0:00:00
Receipt Date:	19990805
Manifest ID:	99127879
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAL000025616

Shipment Date:	20051206
Creation Date:	3/22/2006 18:30:36
Receipt Date:	20051209
Manifest ID:	24834411
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported

DOWNS ENERGY (Continued) **S108205261**

Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	3
Waste Quantity:	6000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051206
Creation Date:	3/22/2006 18:30:36
Receipt Date:	20051209
Manifest ID:	24834411
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051021
Creation Date:	12/22/2006 18:30:28
Receipt Date:	20051024
Manifest ID:	24775652
Trans EPA ID:	CAT080016116
Trans Name:	NIETO AND SONS TRUCKING INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

DOWNS ENERGY (Continued) **S108205261**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050815
Creation Date:	4/13/2006 18:47:49
Receipt Date:	20050818
Manifest ID:	24889193
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050608
Creation Date:	9/15/2005 18:32:02
Receipt Date:	20050609
Manifest ID:	24479354
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050516
Creation Date:	8/17/2005 18:32:04
Receipt Date:	20050519
Manifest ID:	24601081
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES

DOWNS ENERGY (Continued) **S108205261**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D / K - ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050128
Creation Date:	4/29/2005 8:38:49
Receipt Date:	20050203
Manifest ID:	24016174
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D / K - ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAL000025616

Shipment Date:	20030416
Creation Date:	8/5/2003 18:31:37
Receipt Date:	20030423
Manifest ID:	22622748
Trans EPA ID:	CAR000118992
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481

DOWNS ENERGY (Continued) **S108205261**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030416
Creation Date:	8/29/2003 18:31:02
Receipt Date:	20030423
Manifest ID:	22622750
Trans EPA ID:	CAR000118992
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030416
Creation Date:	8/29/2003 18:31:02
Receipt Date:	20030423
Manifest ID:	22622750
Trans EPA ID:	CAR000118992
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.561
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

DOWNS ENERGY (Continued) **S108205261**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1997
Gen EPA ID: CAL000025616

Shipment Date: 19970806
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970806
Manifest ID: 96738552
Trans EPA ID: CAD982403198
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080025711
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 9.5
Waste Quantity: 2500
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1994
Gen EPA ID: CAL000025616

Shipment Date: 19940601
Creation Date: 10/10/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 92662340
Trans EPA ID: CAT080012800
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD980883177
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code: Not reported
Meth Code: - Not reported
Quantity Tons: 11.676
Waste Quantity: 2800
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

DOWNS ENERGY (Continued) **S108205261**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAL000025616
Shipment Date:	20021231
Creation Date:	3/30/2003 18:31:13
Receipt Date:	20030103
Manifest ID:	21855229
Trans EPA ID:	CAR000118992
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021231
Creation Date:	5/21/2003 18:32:18
Receipt Date:	20030108
Manifest ID:	21855228
Trans EPA ID:	CAR000118992
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020717

DOWNS ENERGY (Continued) **S108205261**

Creation Date:	1/21/2003 18:30:55
Receipt Date:	20020725
Manifest ID:	21851254
Trans EPA ID:	CAR000118992
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020717
Creation Date:	3/13/2003 18:31:17
Receipt Date:	20020725
Manifest ID:	21851255
Trans EPA ID:	CAR000118992
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020717
Creation Date:	3/17/2003 18:31:23
Receipt Date:	20020725
Manifest ID:	21851251
Trans EPA ID:	CAR000118992
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported

DOWNS ENERGY (Continued) **S108205261**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAL000025616
Shipment Date:	19960419
Creation Date:	10/4/1996 0:00:00
Receipt Date:	19960419
Manifest ID:	96022241
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.26
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960126
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960126
Manifest ID:	95529085
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler

DOWNS ENERGY (Continued) **S108205261**

Quantity Tons:	3.04
Waste Quantity:	800
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960126
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960126
Manifest ID:	95529086
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	11.4
Waste Quantity:	3000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960125
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960125
Manifest ID:	95754022
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080025711
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.71
Waste Quantity:	450
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

DOWNS ENERGY (Continued) **S108205261**

Additional Info:

Year:	2000
Gen EPA ID:	CAL000025616
Shipment Date:	20001222
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001229
Manifest ID:	20785601
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001222
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010105
Manifest ID:	20785602
Trans EPA ID:	CAD982430198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.231
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001222
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001229
Manifest ID:	20785601
Trans EPA ID:	CAD982403198

DOWNS ENERGY (Continued) **S108205261**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	DOWNS ENERGY
Address:	1296 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Site ID:	370108
CERS ID:	110038052923
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	UST PO Name
Entity Name:	M & AMP D DEV LLC
Entity Title:	Not reported
Affiliation Address:	1296 MAGNOLIA AVE
Affiliation City:	CORONA
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Angie Martinez
Entity Title:	Operations Manager
Affiliation Address:	1296 MAGNOLIA AVE
Affiliation City:	CORONA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CARL BERNHARDT SANTA ANA RWQCB REGN 8
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREETNA SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

DOWNS ENERGY (Continued) **S108205261**

Affiliation Type Desc:	Operator
Entity Name:	MICHAEL J DOWNS
Entity Title:	OPERATOR
Affiliation Address:	1296 MAGNOLIA AVE
Affiliation City:	CORONA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	M & AMP D DEV LLC
Entity Title:	Not reported
Affiliation Address:	1296 MAGNOLIA AVE
Affiliation City:	CORONA
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CARL BERNHARDT - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517824495

Affiliation Type Desc:	Environmental Contact
Entity Name:	MICHAEL J DOWNS
Entity Title:	ENVIRONMENTAL CONTACT
Affiliation Address:	1296 MAGNOLIA AVE
Affiliation City:	CORONA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Owner
Entity Name:	MICHAEL J DOWNS
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ZZZ CTRL VLY RWQCB REGN 5S
Entity Title:	Not reported
Affiliation Address:	3880 LEMON ST SUITE 200
Affiliation City:	RIVERSIDE
Affiliation State:	Not reported
Affiliation Country:	Not reported

DOWNS ENERGY (Continued) **S108205261**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: DOWNS ENERGY
Address: 1296 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Site ID: 370108
CERS ID: T10000008937
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: UST PO Name
Entity Name: M & AMP D DEV LLC
Entity Title: Not reported
Affiliation Address: 1296 MAGNOLIA AVE
Affiliation City: CORONA
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Angie Martinez
Entity Title: Operations Manager
Affiliation Address: 1296 MAGNOLIA AVE
Affiliation City: CORONA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: CARL BERNHARDT SANTA ANA RWQCB REGN 8
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREETNA SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: MICHAEL J DOWNS
Entity Title: OPERATOR
Affiliation Address: 1296 MAGNOLIA AVE
Affiliation City: CORONA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: M & AMP D DEV LLC
Entity Title: Not reported
Affiliation Address: 1296 MAGNOLIA AVE
Affiliation City: CORONA
Affiliation State: Not reported

DOWNS ENERGY (Continued) **S108205261**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: CARL BERNHARDT - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824495

Affiliation Type Desc: Environmental Contact
Entity Name: MICHAEL J DOWNS
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: 1296 MAGNOLIA AVE
Affiliation City: CORONA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Owner
Entity Name: MICHAEL J DOWNS
Entity Title: OWNER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: ZZZ CTRL VLY RWQCB REGN 5S
Entity Title: Not reported
Affiliation Address: 3880 LEMON ST SUITE 200
Affiliation City: RIVERSIDE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: DOWNS ENERGY
Address: 1296 MAGNOLIA AVE
Address 2: Not reported
City,State,Zip: CORONA, CA 928790000
EPA ID: CAL000025616
Inactive Date: 06/30/2007
Create Date: 05/10/1990
Last Act Date: 10/15/2007
Mailing Name: Not reported
Mailing Address: 1296 MAGNOLIA AVE
Mailing Address 2: Not reported

DOWNS ENERGY (Continued) **S108205261**

Mailing City,State,Zip:	CORONA, CA 928792098
Owner Name:	DOWNS ENERGY
Owner Address:	1296 MAGNOLIA AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	CORONA, CA 928792098
Contact Name:	ANGIE MARTINEZ, OPERATIONS MGR
Contact Address:	1296 MAGNOLIA AVENUE
Contact Address 2:	Not reported
City,State,Zip:	CORONA, CA 928790000

NAICS:

EPA ID:	CAL000025616
Create Date:	2006-11-27 18:30:15.000
NAICS Code:	44711
NAICS Description:	Gasoline Stations with Convenience Stores
Issued EPA ID Date:	1990-05-10 00:00:00
Inactive Date:	2007-06-30 09:15:34.99700
Facility Name:	DOWNS ENERGY
Facility Address:	1296 MAGNOLIA AVE
Facility Address 2:	Not reported
Facility City:	CORONA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	928790000

J39 **DOWNS ENERGY** **EDR Hist Auto** **1020126958**
SSW **1296 MAGNOLIA AVE** **N/A**
< 1/8 **CORONA, CA 92879**
0.115 mi.
607 ft. **Site 4 of 6 in cluster J**

Relative: EDR Hist Auto
Higher

Actual:
669 ft.

Year:	Name:	Type:
1999	DOWNS COMMERICAL FUELING INC	Gasoline Service Stations, NEC
2000	DOWNS COMMERICAL FUELING INC	Gasoline Service Stations, NEC
2001	DOWNS COMMERICAL FUELING INC	Gasoline Service Stations, NEC
2002	DOWNS COMMERICAL FUELING INC	Gasoline Service Stations, NEC
2003	DOWNS COMMERICAL FUELING INC	Gasoline Service Stations, NEC
2004	DOWNS COMMERICAL FUELING INC	Gasoline Service Stations, NEC
2005	DOWNS ENERGY	Gasoline Service Stations, NEC
2006	DOWNS ENERGY	Gasoline Service Stations, NEC
2007	DOWNS ENERGY	Gasoline Service Stations, NEC
2008	DOWNS ENERGY	Gasoline Service Stations, NEC
2009	DOWNS ENERGY	Gasoline Service Stations, NEC
2010	DOWNS ENERGY	Gasoline Service Stations, NEC
2011	DOWNS ENERGY	Gasoline Service Stations, NEC
2012	DOWNS ENERGY	Gasoline Service Stations, NEC
2013	DOWNS ENERGY	Gasoline Service Stations, NEC
2014	DOWNS ENERGY	Gasoline Service Stations, NEC

J40 **DOWNS OIL CO INC** **FUELS PROGRAM** **1016158816**
SSW **1296 MAGNOLIA AVE** **N/A**
< 1/8 **CORONA, CA 92879**
0.115 mi.
607 ft. **Site 5 of 6 in cluster J**

Relative: **Higher**
Actual: **669 ft.**

FUELS PROGRAM:

Name:	DOWNS OIL CO INC
Address:	1296 MAGNOLIA AVE
Address 2:	Not reported
City,State,Zip:	CORONA, CA 92879
Program Type:	Renewable Fuel Standard, Diesel
Company Seq. ID:	5657
Business Activity:	Renewable Fuels Importer, Renewable Fuel Producer, Mobile Facility
Company Name:	DOWNS OIL CO INC
Company Address:	1296 MAGNOLIA AVE CORONA, CA 92879
Facility ID:	83062
Facility Type:	Diesel/Biodiesel
Facility Activity:	Mobile Facility, Renewable Fuel Importer
Subject to 80.1403:	Not reported
Fuel Only For Off Road:	Yes
Fuel Created:	Not reported
D Code:	Not reported
OTAQ Program ID:	OTAQREG10031931

J41 **DOWN'S OIL** **LUST** **S104745690**
SSW **1296** **HIST CORTESE** **N/A**
< 1/8 **CORONA, CA 91719**
0.115 mi.
607 ft. **Site 6 of 6 in cluster J**

Relative: **Higher**
Actual: **669 ft.**

LUST REG 8:

Name:	DOWN'S OIL
Address:	1296 MAGNOLIA AVE
City:	CORONA
Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Leak being confirmed
Case Number:	083303020T
Local Case Num:	970639
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	UNK
Global ID:	T0606500496
How Stopped Date:	6/17/1997
Enter Date:	7/23/1997
Date Confirmation of Leak Began:	1/1/1965
Date Preliminary Assessment Began:	Not reported
Discover Date:	6/17/1997

DOWN'S OIL (Continued) **S104745690**

Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	7/23/1997
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.8678649
Longitude:	-117.5389899
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

HIST CORTESE:

edr_fname:	DOWN'S OIL
edr_fadd1:	1296
City,State,Zip:	CORONA, CA 91719
Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083303020T

I42 **JOHNS MANVILLE** **RCRA-SQG** **1000319809**
SW **1251 MAGNOLIA** **FINDS** **CAD000630004**
< 1/8 **CORONA, CA 91719** **ECHO**
0.123 mi.
652 ft. **Site 2 of 7 in cluster I**

Relative:
Higher

Actual:
654 ft.

RCRA-SQG:

Date Form Received by Agency:		2002-02-22 00:00:00.0
Handler Name:	JOHNS MANVILLE	
Handler Address:		1251 MAGNOLIA
Handler City,State,Zip:		CORONA, CA 91719
EPA ID:		CAD000630004
Contact Name:		KIRSTEN L DERR
Contact Address:		Not reported

JOHNS MANVILLE (Continued) **1000319809**

Contact City,State,Zip:	Not reported
Contact Telephone:	303-978-5334 1958
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	10100 W UTE AVE
Mailing City,State,Zip:	LITTLETON, CO 80127
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

JOHNS MANVILLE (Continued) **1000319809**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2006-09-05 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2001

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHNS-MANVILLE CORP.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name:	JOHNS MANVILLE SALES CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

JOHNS MANVILLE (Continued) **1000319809**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-22 00:00:00.0
Handler Name: JOHNS MANVILLE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1980-08-15 00:00:00.0
Handler Name: JOHNS MANVILLE SALES CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1980-08-15 00:00:00.0
Handler Name: JOHNS MANVILLE SALES CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1998-01-28 00:00:00.0
Handler Name: JOHNS MANVILLE SALES CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

JOHNS MANVILLE (Continued) **1000319809**

Electronic Manifest Broker: Not reported

Receive Date: 1992-02-24 00:00:00.0
Handler Name: SCHULLER INTERNATIONAL, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-31 00:00:00.0
Handler Name: SCHULLER INTERNATIONAL INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-02-15 00:00:00.0
Handler Name: SCHULLER INTERNATIONAL, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-04 00:00:00.0
Handler Name: JOHNS MANVILLE INC.- CORONA (FORMERLY SC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2002-02-22 00:00:00.0
Handler Name: JOHNS MANVILLE
Federal Waste Generator Description: Large Quantity Generator

JOHNS MANVILLE (Continued) **1000319809**

State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 327993
NAICS Description: MINERAL WOOL MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1992-10-28 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee

JOHNS MANVILLE (Continued) **1000319809**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110000861880

Click Here:

Environmental Interest/Information System:
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
HAZARDOUS AIR POLLUTANT MAJOR
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000319809
Registry ID:	110000861880
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000861880
Name:	JOHNS MANVILLE CORP
Address:	1251 MAGNOLIA AVENUE
City,State,Zip:	CORONA, CA 92879

I43 **MANVILLE BUILDING MATERIALS CO** **HIST UST** **1000433160**
SW **1251 MAGNOLIA AVENUE** **EMI** **N/A**
< 1/8 **CORONA, CA 91719** **CERS**
0.123 mi.
652 ft. **Site 3 of 7 in cluster I**

Relative: **Higher**
Actual: **654 ft.**

HIST UST:

Name:	MANVILLE BUILDING MATERIALS CO
Address:	1251 MAGNOLIA AVENUE
City,State,Zip:	CORONA, CA 91719
File Number:	0001F7CC
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F7CC.pdf

MANVILLE BUILDING MATERIALS CO (Continued) **1000433160**

Region:	STATE
Facility ID:	00000004637
Facility Type:	Other
Other Type:	MANUFACTURING
Contact Name:	Not reported
Telephone:	7147373070
Owner Name:	MANVILLE CORPORATION
Owner Address:	12999 DEER CREEK CANYON ROAD
Owner City,St,Zip:	DENVER, CO 80123
Total Tanks:	0002
Tank Num:	001
Container Num:	UGC 01
Year Installed:	1960
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Visual
Tank Num:	002
Container Num:	UGC 02
Year Installed:	1978
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	Visual

Click here for Geo Tracker PDF:

EMI:

Name:	MANVILLE SALES CORPORATION
Address:	1251 MAGNOLIA AV
City,State,Zip:	CORONA, CA 91719
Year:	1987
County Code:	33
Air Basin:	SC
Facility ID:	23907
Air District Name:	SC
SIC Code:	3296
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	69
Reactive Organic Gases Tons/Yr:	56
Carbon Monoxide Emissions Tons/Yr:	466
NOX - Oxides of Nitrogen Tons/Yr:	44
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	91
Part. Matter 10 Micrometers and Smllr Tons/Yr:	47
Name:	MANVILLE SALES CORPORATION
Address:	1251 MAGNOLIA AV
City,State,Zip:	CORONA, CA 91719
Year:	1990
County Code:	33

MANVILLE BUILDING MATERIALS CO (Continued) **1000433160**

Air Basin:	SC
Facility ID:	23907
Air District Name:	SC
SIC Code:	3296
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	53
Reactive Organic Gases Tons/Yr:	36
Carbon Monoxide Emissions Tons/Yr:	12
NOX - Oxides of Nitrogen Tons/Yr:	44
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	87
Part. Matter 10 Micrometers and Smllr Tons/Yr:	46

Name:	SCHULLER INTERNATIONAL INC
Address:	1251 MAGNOLIA AV
City,State,Zip:	CORONA, CA 91719
Year:	1995
County Code:	33
Air Basin:	SC
Facility ID:	23907
Air District Name:	SC
SIC Code:	3296
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	181
Reactive Organic Gases Tons/Yr:	144
Carbon Monoxide Emissions Tons/Yr:	7
NOX - Oxides of Nitrogen Tons/Yr:	23
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	46
Part. Matter 10 Micrometers and Smllr Tons/Yr:	24

Name:	JOHNS MANVILLE CORP
Address:	1251 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 91719
Year:	1996
County Code:	33
Air Basin:	SC
Facility ID:	23907
Air District Name:	SC
SIC Code:	3296
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	188
Reactive Organic Gases Tons/Yr:	150
Carbon Monoxide Emissions Tons/Yr:	113
NOX - Oxides of Nitrogen Tons/Yr:	25
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	144
Part. Matter 10 Micrometers and Smllr Tons/Yr:	73

Name:	JOHNS MANVILLE CORP
Address:	1251 MAGNOLIA AV

MANVILLE BUILDING MATERIALS CO (Continued) **1000433160**

City,State,Zip:	CORONA, CA 91719
Year:	1997
County Code:	33
Air Basin:	SC
Facility ID:	23907
Air District Name:	SC
SIC Code:	3296
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	167
Reactive Organic Gases Tons/Yr:	132
Carbon Monoxide Emissions Tons/Yr:	194
NOX - Oxides of Nitrogen Tons/Yr:	34
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	138
Part. Matter 10 Micrometers and Smllr Tons/Yr:	137

Name:	JOHNS MANVILLE CORP
Address:	1251 MAGNOLIA AV
City,State,Zip:	CORONA, CA 91719
Year:	1998
County Code:	33
Air Basin:	SC
Facility ID:	23907
Air District Name:	SC
SIC Code:	3296
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	182
Reactive Organic Gases Tons/Yr:	144
Carbon Monoxide Emissions Tons/Yr:	194
NOX - Oxides of Nitrogen Tons/Yr:	34
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	138
Part. Matter 10 Micrometers and Smllr Tons/Yr:	137

Name:	JOHNS MANVILLE CORP
Address:	1251 MAGNOLIA AV
City,State,Zip:	CORONA, CA 91719
Year:	1999
County Code:	33
Air Basin:	SC
Facility ID:	23907
Air District Name:	SC
SIC Code:	3296
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	167
Reactive Organic Gases Tons/Yr:	132
Carbon Monoxide Emissions Tons/Yr:	194
NOX - Oxides of Nitrogen Tons/Yr:	34
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	138
Part. Matter 10 Micrometers and Smllr Tons/Yr:	137

MANVILLE BUILDING MATERIALS CO (Continued) **1000433160**

Name:	JOHNS MANVILLE CORP
Address:	1251 MAGNOLIA AV
City,State,Zip:	CORONA, CA 91719
Year:	2000
County Code:	33
Air Basin:	SC
Facility ID:	23907
Air District Name:	SC
SIC Code:	3296
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	167
Reactive Organic Gases Tons/Yr:	132
Carbon Monoxide Emissions Tons/Yr:	194
NOX - Oxides of Nitrogen Tons/Yr:	34
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	138
Part. Matter 10 Micrometers and Smllr Tons/Yr:	137

Name:	JOHNS MANVILLE INTERNATIONAL, INC
Address:	1251 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 91719
Year:	2001
County Code:	33
Air Basin:	SC
Facility ID:	23907
Air District Name:	SC
SIC Code:	3296
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	B
Total Organic Hydrocarbon Gases Tons/Yr:	37
Reactive Organic Gases Tons/Yr:	29
Carbon Monoxide Emissions Tons/Yr:	171
NOX - Oxides of Nitrogen Tons/Yr:	26
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	125
Part. Matter 10 Micrometers and Smllr Tons/Yr:	124

CERS:

Name:	JOHNS MANVILLE CORP
Address:	1251 MAGNOLIA AVENUE
City,State,Zip:	CORONA, CA 92879
Site ID:	474929
CERS ID:	110000861880
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	KIRSTEN L DERR
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

MANVILLE BUILDING MATERIALS CO (Continued) **1000433160**

Affiliation Phone:	Not reported
Affiliation Type Desc:	Public Contact
Entity Name:	KIRSTEN DERR
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	JARED KERNEY
Entity Title:	ENVIRONMENTAL COORDINATOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

K44 **BTL MACHINE** **RCRA NonGen / NLR** **1024815055**
SSE **1168 SHERBORN ST** **CAL000311732**
1/8-1/4 **CORONA, CA 92879**
0.127 mi.
671 ft. **Site 1 of 4 in cluster K**

Relative: **Higher**
Actual: **667 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2006-09-22 00:00:00.0
Handler Name:	BTL MACHINE	
Handler Address:		1168 SHERBORN ST
Handler City,State,Zip:		CORONA, CA 92879-2089
EPA ID:		CAL000311732
Contact Name:		PETER ZANI
Contact Address:		1168 SHERBORN ST
Contact City,State,Zip:		CORONA, CA 92879
Contact Telephone:		951-808-9929
Contact Fax:		951-808-9969
Contact Email:		PZANI@BTLMACHINE.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1168 SHERBORN ST
Mailing City,State,Zip:		CORONA, CA 92879-2089
Owner Name:		TU VO
Owner Type:		Other
Operator Name:		PETER ZANI
Operator Type:		Other
Short-Term Generator Activity:		No

BTL MACHINE (Continued) **1024815055**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:28:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

BTL MACHINE (Continued) **1024815055**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TU VO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1168 SHERBORN ST
Owner/Operator City,State,Zip:	CORONA, CA 92879-2089
Owner/Operator Telephone:	951-808-9929
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	PETER ZANI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1168 SHERBORN ST
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-808-9929
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-09-22 00:00:00.0
Handler Name: BTL MACHINE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	33271
NAICS Description:	MACHINE SHOPS

NAICS Code:	337215
NAICS Description:	SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

K45 **ACROMIL LLC** **RCRA NonGen / NLR** **1024871321**
SSE **1168 SHERBORN ST** **CAL000439965**
1/8-1/4 **CORONA, CA 92879**
0.127 mi.
671 ft. **Site 2 of 4 in cluster K**

Relative: **Higher**
Actual: **667 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2018-10-17 00:00:00.0
Handler Name:	ACROMIL LLC	
Handler Address:		1168 SHERBORN ST
Handler City,State,Zip:		CORONA, CA 92879
EPA ID:		CAL000439965
Contact Name:		JAMES HONDA
Contact Address:		1168 SHERBORN ST
Contact City,State,Zip:		CORONA, CA 92879
Contact Telephone:		626-434-5003
Contact Fax:		951-808-9969
Contact Email:		JHONDA@ACROMIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1168 SHERBORN ST
Mailing City,State,Zip:		CORONA, CA 92879
Owner Name:		ACROMIL LLC
Owner Type:		Other
Operator Name:		JAMES HONDA
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

ACROMIL LLC (Continued) **1024871321**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-11-20 16:31:59.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JAMES HONDA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1168 SHERBORN ST
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	626-434-5003
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ACROMIL LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	18421 RAILROAD ST
Owner/Operator City,State,Zip:	CITY OF INDUSTRY, CA 91748
Owner/Operator Telephone:	626-964-2522
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ACROMIL LLC (Continued) **1024871321**

Historic Generators:
Receive Date: 2018-10-17 00:00:00.0
Handler Name: ACROMIL LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 541713
NAICS Description: RESEARCH AND DEVELOPMENT IN NANOTECHNOLOGY

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K46 **ACROMIL LLC** **CERS HAZ WASTE** **S123170018**
SSE **1168 SHERBORN ST** **CERS TANKS** **N/A**
1/8-1/4 **CORONA, CA 92879** **NPDES**
0.127 mi. **CIWQS**
671 ft. **Site 3 of 4 in cluster K** **CERS**
HWTS
Relative:
Higher
Actual:
667 ft.

CERS HAZ WASTE:
Name: ACROMIL LLC
Address: 1168 SHERBORN ST
City,State,Zip: CORONA, CA 92879
Site ID: 183699
CERS ID: 10552282
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: ACROMIL LLC
Address: 1168 SHERBORN ST
City,State,Zip: CORONA, CA 92879
Site ID: 183699
CERS ID: 10552282
CERS Description: Aboveground Petroleum Storage

NPDES:
Name: ACROMIL LLC
Address: 1168 SHERBORN STREET
City,State,Zip: CORONA, CA 92879
Facility Status: Active
NPDES Number: CAS000001
Region: 8

ACROMIL LLC (Continued) **S123170018**

Agency Number:	0
Regulatory Measure ID:	503237
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 33I027959
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	11/19/2018
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1168 Sherborn Street
Discharge Name:	ACROMIL LLC
Discharge City:	CORONA
Discharge State:	California
Discharge Zip:	92879
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	ACROMIL LLC
Address:	1168 SHERBORN STREET
City,State,Zip:	CORONA, CA 92879
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 33I027959
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	11/19/2018
Operator Name:	ACROMIL LLC
Operator Address:	1168 Sherborn Street
Operator City:	CORONA
Operator State:	California
Operator Zip:	92879

CIWQS:

Name:	ACROMIL LLC
Address:	1168 SHERBORN STREET

ACROMIL LLC (Continued) **S123170018**

City,State,Zip:	CORONA, CA 92879
Agency:	ACROMIL LLC
Agency Address:	1168 Sherborn Street, Corona, CA 92879
Place/Project Type:	Industrial - Aircraft Parts and Auxiliary Equipment, NEC
SIC/NAICS:	3728
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 33I027959
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	11/19/2018
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	1
Latitude:	33.867161
Longitude:	-117.536211

CERS:

Name:	ACROMIL LLC
Address:	1168 SHERBORN STREET
City,State,Zip:	CORONA, CA 92879
Site ID:	525437
CERS ID:	868258
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	525437
Site Name:	ACROMIL LLC
Violation Date:	01-04-2019
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Deficient Report
Violation Notes:	Ramtox staff, acting as a consultant, used LRP’s account to certify an electronic report.Allowing another person access to the LRP account to sign and certify an application or report under penalty of perjury for the LRP is not only unacceptable, it is against the law. As the person certifying the accuracy of the information being submitted and allowing the signature to be used to sign reports under penalty of perjury, the LRP is held accountable for the accuracy of the information submitted and could be subject to criminal liability if the information submitted is false (California Water Code - 13387, subdivision (e), Penal Code - - 115 and 118). In addition, the party submitting information under the LRPs signature could be subject to criminal penalties under Water Code section 13387, subdivision (e), for knowingly making a false statement, representation, and certification. Title 40 of the Federal Code of Regulations (40 CFR) Part 122.22, cited in NPDES permits under Standard Provisions, requires that specific parties or their duly authorized representativesG sign permit applications and reports (refer to attachment for complete citation). Failure to comply with this

ACROMIL LLC (Continued) **S123170018**

provision is a violation of the terms of the General Permit.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Enforcement Action:
Site ID: 525437
Site Name: ACROMIL LLC
Site Address: 1168 SHERBORN STREET
Site City: CORONA
Site Zip: 92879
Enf Action Date: 01-04-2019
Enf Action Type: Industrial Storm Water Enforcement
Enf Action Description: Industrial Storm Water Enforcement
Enf Action Notes: Enforcement action taken by unknown person at SB Storm Water Section in an email dated January 4, 2019 at 10:56AM using general "stormwater" e-mail account. This e-mail was part of a larger string of communication that included sensitive account information; as the result, the message has not been uploaded.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: ACROMIL LLC
Entity Title: Operator
Affiliation Address: 1168 Sherborn Street
Affiliation City: CORONA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92879
Affiliation Phone: Not reported

Name: ACROMIL LLC
Address: 1168 SHERBORN ST
City,State,Zip: CORONA, CA 92879
Site ID: 183699
CERS ID: 10552282
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 183699
Site Name: Acromil llc
Violation Date: 11-28-2018
Citation: HSC 6.67 25270.6(b) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(b)
Violation Description: Failure to pay the APSA Program fee.
Violation Notes: Returned to compliance on 06/14/2019.
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 183699
Site Name: Acromil llc
Violation Date: 11-28-2018

ACROMIL LLC (Continued) **S123170018**

Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to maintain a valid permit.
Violation Notes:	Returned to compliance on 06/14/2019.
Violation Division:	Riverside County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	183699
Site Name:	Acromil llc
Violation Date:	02-05-2016
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 03/09/2016. Change primary emergency and env. contact. Change # of employees to 71 (plus or minus 2)
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	183699
Site Name:	Acromil llc
Violation Date:	02-08-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 03/08/2019. No training records available. Provide annual employee training documents for review.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	183699
Site Name:	Acromil llc
Violation Date:	02-08-2019
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Chemical inventory is not correct. Add 55 gallon drum of Industrial Gear EP 100 to inventory.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	183699
Site Name:	Acromil llc
Violation Date:	02-05-2016

ACROMIL LLC (Continued) **S123170018**

Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 02/12/2016. Remove: Argon, Helium, and 02. Change: Coolant 335 largest cont.=310 gal. max=7790 gal., Hydraulic oil max. daily=220 gal. Add: Xtreme cut 250-largest container=310 gal. max=2480 gal.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	183699
Site Name:	Acromil llc
Violation Date:	11-28-2018
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan.
Violation Notes:	Returned to compliance on 06/14/2019.
Violation Division:	Riverside County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	183699
Site Name:	Acromil llc
Violation Date:	02-05-2016
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 02/16/2016. Email most recent hazmat training documentation to: ab@ggcorp.net
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	183699
Site Name:	Acromil llc
Violation Date:	02-05-2016
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 02/24/2016. Change building placard. Change propane cage blue rating=1
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	183699
Site Name:	Acromil llc
Violation Date:	02-08-2019
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local

ACROMIL LLC (Continued) **S123170018**

Ordinance
Violation Notes: Returned to compliance on 03/08/2019. Chemical storage was not posted. Install waste sign above waste tote.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-08-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-24-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-29-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-03-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: found out facility has already (recently) been inspected.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-28-2018
Violations Found: No
Eval Type: Routine done by local agency

ACROMIL LLC (Continued) **S123170018**

Eval Notes: Acromil 1168 Sherborn St
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Enforcement Action:
Site ID: 183699
Site Name: Acromil llc
Site Address: 1168 SHERBORN ST
Site City: CORONA
Site Zip: 92879
Enf Action Date: 02-05-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Corona Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 183699
Site Name: Acromil llc
Site Address: 1168 SHERBORN ST
Site City: CORONA
Site Zip: 92879
Enf Action Date: 02-08-2019
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Corona Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 183699
Facility Name: Acromil llc
Env Int Type Code: HWG
Program ID: 10552282
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 33.867160
Longitude: -117.536210

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: James Honda
Entity Title: Facility Supervisor
Affiliation Address: Not reported

ACROMIL LLC (Continued) **S123170018**

Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Acromil llc
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(951) 808-9929
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1168 Sherborn St
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	BTL Machine
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Gerald Niznick
Entity Title:	Not reported
Affiliation Address:	1168 Sherborn St
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92879
Affiliation Phone:	(702) 726-8744
Affiliation Type Desc:	Property Owner
Entity Name:	Niznick 2004 grandchild Trust
Entity Title:	Not reported
Affiliation Address:	8840 W. Russel Road Suite 200
Affiliation City:	Las Vegas
Affiliation State:	NV
Affiliation Country:	United States
Affiliation Zip:	89148
Affiliation Phone:	(702) 726-8744
Affiliation Type Desc:	CUPA District

ACROMIL LLC (Continued) **S123170018**

Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055
Affiliation Type Desc:	Document Preparer
Entity Name:	James Honda
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	James Honda
Entity Title:	Not reported
Affiliation Address:	1168 Sherborn St
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported

HWTS:

Name:	ACROMIL LLC
Address:	1168 SHERBORN ST
Address 2:	Not reported
City,State,Zip:	CORONA, CA 92879
EPA ID:	CAL000439965
Inactive Date:	Not reported
Create Date:	10/17/2018
Last Act Date:	08/10/2020
Mailing Name:	Not reported
Mailing Address:	1168 SHERBORN ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	CORONA, CA 92879
Owner Name:	ACROMIL LLC
Owner Address:	18421 RAILROAD ST
Owner Address 2:	Not reported
Owner City,State,Zip:	CITY OF INDUSTRY, CA 91748
Contact Name:	JAMES HONDA
Contact Address:	1168 SHERBORN ST
Contact Address 2:	Not reported
City,State,Zip:	CORONA, CA 92879

NAICS:

EPA ID:	CAL000439965
Create Date:	2018-10-17 16:09:44.577
NAICS Code:	541713
NAICS Description:	Research & Development in Nanotechnology

ACROMIL LLC (Continued) **S123170018**

Issued EPA ID Date:	2018-10-17 16:09:44.56000
Inactive Date:	Not reported
Facility Name:	ACROMIL LLC
Facility Address:	1168 SHERBORN ST
Facility Address 2:	Not reported
Facility City:	CORONA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92879
EPA ID:	CAL000439965
Create Date:	2018-10-17 16:09:44.577
NAICS Code:	541713
NAICS Description:	Research and Development in Nanotechnology
Issued EPA ID Date:	2018-10-17 16:09:44.56000
Inactive Date:	Not reported
Facility Name:	ACROMIL LLC
Facility Address:	1168 SHERBORN ST
Facility Address 2:	Not reported
Facility City:	CORONA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92879

I47 **GAIL TRUCKING** **RCRA-SQG** **1000818506**
SW **1256 MAGNOLIA** **FINDS** **CAD983643818**
1/8-1/4 **CORONA, CA 92879** **ECHO**
0.129 mi.
682 ft. **Site 4 of 7 in cluster I**

Relative: **Higher**
Actual: **658 ft.**

RCRA-SQG:

Date Form Received by Agency:		1992-07-17 00:00:00.0
Handler Name:	GAIL TRUCKING	
Handler Address:		1256 MAGNOLIA AVE
Handler City,State,Zip:		CORONA, CA 92879
EPA ID:		CAD983643818
Contact Name:		LORNE GORDON ROSS
Contact Address:		1256 MAGNOLIA
Contact City,State,Zip:		CORONA, CA 91719
Contact Telephone:		714-735-3201
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		18725 CONSUL AVE
Mailing City,State,Zip:		CORONA, CA 91719
Owner Name:		GAIL TRUCKING
Owner Type:		Private
Operator Name:		Not reported

GAIL TRUCKING (Continued) **1000818506**

Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:36:08.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

GAIL TRUCKING (Continued) **1000818506**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GAIL TRUCKING
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	18725 CONSUL AVE
Owner/Operator City,State,Zip:	CORONA, CA 91719
Owner/Operator Telephone:	714-735-3201
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1992-07-17 00:00:00.0
Handler Name: GAIL TRUCKING	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110008283838

Click Here:

Environmental Interest/Information System:

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

GAIL TRUCKING (Continued) **1000818506**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000818506
Registry ID:	110008283838
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008283838
Name:	GAIL TRUCKING
Address:	1256 MAGNOLIA
City,State,Zip:	CORONA, CA 92879

G48 **HAITBRINK ASPHALT PAVING INC** **RCRA NonGen / NLR** **1024853503**
East **1480 MAGNOLIA AVE** **CAL000413384**
1/8-1/4 **CORONA, CA 92879**
0.134 mi.
708 ft. **Site 3 of 5 in cluster G**

Relative: **Higher**

Actual: **652 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2015-12-21 00:00:00.0
Handler Name:	HAITBRINK ASPHALT PAVING INC
Handler Address:	1480 MAGNOLIA AVE
Handler City,State,Zip:	CORONA, CA 92879
EPA ID:	CAL000413384
Contact Name:	BARBARA HAITBINK
Contact Address:	1480 MAGNOLIA AVE
Contact City,State,Zip:	CORONA, CA 92879-0000
Contact Telephone:	951-273-0111
Contact Fax:	951-273-0911
Contact Email:	HAPIPAVE@YAHOO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 2379
Mailing City,State,Zip:	CORONA, CA 92878-2379
Owner Name:	HAITBRINK ASPHALT PAVING INC
Owner Type:	Other
Operator Name:	BARBARA HAITBINK
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes

HAITBRINK ASPHALT PAVING INC (Continued) **1024853503**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:07:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HAITBRINK ASPHALT PAVING INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1480 MAGNOLIA AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879-0000
Owner/Operator Telephone:	951-273-0111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

HAITBRINK ASPHALT PAVING INC (Continued) **1024853503**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BARBARA HAITBINK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1480 MAGNOLIA AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879-0000
Owner/Operator Telephone:	951-273-0111
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-12-21 00:00:00.0
Handler Name:	HAITBRINK ASPHALT PAVING INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	23411
NAICS Description:	HIGHWAY AND STREET CONSTRUCTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G49 **ASSOCIATED READY MIXED CONCRETE** **LUST** **S102429114**
East **1480 MAGNOLIA** **CERS HAZ WASTE** **N/A**
1/8-1/4 **CORONA, CA 92879** **CERS TANKS**
0.134 mi. **Cortese**
708 ft. **Site 4 of 5 in cluster G** **EMI**
HAZNET
Relative: Higher **HIST CORTESE**
CERS
Actual: 652 ft. **HWTS**

LUST REG 8:

Name:	ED'S AUTO WRECKING
Address:	1480 MAGNOLIA AVE
City:	CORONA
Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083301782T

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

Local Case Num:	91108
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Tank
Global ID:	T0606500229
How Stopped Date:	2/13/1991
Enter Date:	3/1/1991
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	2/11/1991
Enforcement Date:	Not reported
Close Date:	11/4/1993
Date Prelim Assessment Workplan Submitted:	2/13/1991
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	3/1/1991
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.8706289
Longitude:	-117.5336368
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	NOM
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

RIVERSIDE CO. LUST:

Name:	ED'S AUTO WRECKING
Address:	1480 MAGNOLIA AVE
City,State,Zip:	CORONA, CA
Region:	RIVERSIDE

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

Facility ID: 91108
Employee: Jones
Site Closed: Yes
Case Type: Undefined
Facility Status: closed/action completed
Casetype Decode: Undefined
Fstatus Decode: Closed/Action completed

LUST:
Name: ED'S AUTO WRECKING
Address: 1480 MAGNOLIA AVE
City,State,Zip: CORONA, CA 91719
Lead Agency: RIVERSIDE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500229
Global Id: T0606500229
Latitude: 33.8702037164007
Longitude: -117.534183970639
Status: Completed - Case Closed
Status Date: 11/04/1993
Case Worker: SCB
RB Case Number: 083301782T
Local Agency: RIVERSIDE COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 91108
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel, Gasoline
Site History: Not reported

LUST:
Global Id: T0606500229
Contact Type: Local Agency Caseworker
Contact Name: SHARON BOLTINGHOUSE
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: sbolting@rivco.org
Phone Number: 9519558980

LUST:
Global Id: T0606500229
Action Type: ENFORCEMENT
Date: 11/03/1993
Action: File review - #RCDEH Upload Site File 10/15/2014

Global Id: T0606500229
Action Type: ENFORCEMENT
Date: 11/04/1993
Action: Closure/No Further Action Letter - #RCDEH1104

Global Id: T0606500229
Action Type: Other
Date: 11/13/1990
Action: Leak Discovery

Global Id: T0606500229
Action Type: Other

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

Date: 11/13/1990
Action: Leak Stopped

Global Id: T0606500229
Action Type: Other
Date: 02/11/1991
Action: Leak Reported

LUST:
Global Id: T0606500229
Status: Open - Case Begin Date
Status Date: 11/13/1990

Global Id: T0606500229
Status: Open - Site Assessment
Status Date: 11/13/1990

Global Id: T0606500229
Status: Open - Site Assessment
Status Date: 02/11/1991

Global Id: T0606500229
Status: Completed - Case Closed
Status Date: 11/04/1993

CERS HAZ WASTE:
Name: HAITBRINK ASPHALT PAVING INC
Address: 1480 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Site ID: 360974
CERS ID: 10640344
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: HAITBRINK ASPHALT PAVING INC
Address: 1480 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Site ID: 360974
CERS ID: 10640344
CERS Description: Aboveground Petroleum Storage

CORTESE:
Name: ED'S AUTO WRECKING
Address: 1480 MAGNOLIA AVE
City,State,Zip: CORONA, CA 91719
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0606500229
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

EMI:

Name:	ASSOCIATED READY MIXED CONCRETE
Address:	1480 MAGNOLIA
City,State,Zip:	CORONA, CA 92879
Year:	2008
County Code:	33
Air Basin:	SC
Facility ID:	150822
Air District Name:	SC
SIC Code:	3273
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	1.037641915
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.9536089478

HAZNET:

Name:	HAITBRINK ASPHALT PAVING INC
Address:	1480 MAGNOLIA AVE
Address 2:	Not reported
City,State,Zip:	CORONA, CA 928782379
Contact:	HUNTER HAITBRINK
Telephone:	9512730111
Mailing Name:	Not reported
Mailing Address:	PO BOX 2379
Year:	2019
Gepaid:	CAL000413384
TSD EPA ID:	AZR000520304
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.50000
Year:	2019
Gepaid:	CAL000413384
TSD EPA ID:	CAD982444481
CA Waste Code:	352 - Other organic solids

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.25000
Year:	2019
Gepaid:	CAL000413384
TSD EPA ID:	AZR000520304
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.46200
Year:	2018
Gepaid:	CAL000413384
TSD EPA ID:	CAD982444481
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.10000
Year:	2017
Gepaid:	CAL000413384
TSD EPA ID:	CAD982444481
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.4
Year:	2017
Gepaid:	CAL000413384
TSD EPA ID:	CAD982444481
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.425
Year:	2016
Gepaid:	CAL000413384
TSD EPA ID:	CAD982444481
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3

Additional Info:

Year:	2017
Gen EPA ID:	CAL000413384
Shipment Date:	20171109
Creation Date:	8/7/2018 18:30:34
Receipt Date:	20171109
Manifest ID:	015635175JJK
Trans EPA ID:	CAR000130864
Trans Name:	ALEXIS ENVIROMENTAL COMPANY INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170621
Creation Date:	5/17/2018 18:31:27
Receipt Date:	20170627
Manifest ID:	015635296JJK
Trans EPA ID:	CAR000130864
Trans Name:	ALEXIS ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170308
Creation Date:	5/24/2017 18:30:17
Receipt Date:	20170310
Manifest ID:	015635402JJK
Trans EPA ID:	CAR000130864
Trans Name:	ALEXIS ENVIRONMENTAL COMPANY, INC.
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.225
Waste Quantity: 450
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HIST CORTESE:
edr_fname: ED'S AUTO WRECKING
edr_fadd1: 1480 MAGNOLIA
City,State,Zip: CORONA, CA 91719
Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083301782T

CERS:
Name: HAITBRINK ASPHALT PAVING INC
Address: 1480 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Site ID: 360974
CERS ID: 10640344
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 360974
Site Name: Haitbrink Asphalt Paving Inc
Violation Date: 11-20-2015
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 03/04/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 360974
Site Name: Haitbrink Asphalt Paving Inc
Violation Date: 11-20-2015
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 03/04/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 360974
Site Name: Haitbrink Asphalt Paving Inc
Violation Date: 03-04-2016

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

Citation: HSC 6.67 25270.6(a)(2) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(a)(2)
Violation Description: Failure to submit a Tank Facility Statement or Business Plan.
Violation Notes: Returned to compliance on 08/31/2017.
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 360974
Site Name: Haitbrink Asphalt Paving Inc
Violation Date: 11-20-2015
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 03/04/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 360974
Site Name: Haitbrink Asphalt Paving Inc
Violation Date: 11-20-2015
Citation: HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description: Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes: Returned to compliance on 03/04/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-04-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-04-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: required to disclose update #334
Eval Division: Corona Fire Department
Eval Program: HMRRP

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-08-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-08-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: - Facility is an asphalt construction company and potentially generates the following waste streams: used oil, used antifreeze, fuel filters (metal and paper), contaminated solids, waste latex paint, and parts water solution. - Manager stated that facility conducts training every 2 months - Facility exchanges batteries for core receipts with Napa Batteries. Manager stated that no more than 1 battery is kept on site at a time. - Soiled textiles are laundered by Cintas. - Waste haulers are Enviroguide Inc, Alexis Environmental, and Toxguard. - Observed a small amount of contaminated absorbent in a 55 gallon drum (appeared to be used as a refuse container). Manager moved contaminated absorbent to appropriate hazardous waste container. - Aerosol cans which are not empty shall not be thrown in the the trash but handled as universal waste. If facility decides to puncture aerosol cans, please contact this Department.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-21-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-04-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-20-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 360974
Site Name: Haitbrink Asphalt Paving Inc
Site Address: 1480 MAGNOLIA AVE
Site City: CORONA
Site Zip: 92879
Enf Action Date: 03-04-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: APSA
Enf Action Source: CERS

Site ID: 360974
Site Name: Haitbrink Asphalt Paving Inc
Site Address: 1480 MAGNOLIA AVE
Site City: CORONA
Site Zip: 92879
Enf Action Date: 11-20-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HW
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Hunter Haitbrink
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: HUNTER HAITBRINK
Entity Title: Not reported
Affiliation Address: PO BOX 2379
Affiliation City: CORONA
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92878
Affiliation Phone: (951) 273-0111

Affiliation Type Desc: Parent Corporation
Entity Name: Haitbrink Asphalt Paving Inc
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	JASON LANG
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 2379
Affiliation City:	CORONA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92878
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Barbara Haitbrink
Entity Title:	Not reported
Affiliation Address:	PO BOX 2379
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92878
Affiliation Phone:	(951) 273-0111
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO Box 2379
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92878
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	HUNTER HAITBRINK
Entity Title:	PRESIDENT
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Haitbrink Asphalt Paving,Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(951) 273-0111
Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503
Affiliation Phone: (951) 358-5055

Name: ED'S AUTO WRECKING
Address: 1480 MAGNOLIA AVE
City,State,Zip: CORONA, CA 91719
Site ID: 213127
CERS ID: T0606500229
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: SHARON BOLTINGHOUSE - RIVERSIDE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 3880 LEMON ST SUITE 200
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9519558980

Name: ASSOCIATED READY MIXED CONCRETE
Address: 1480 MAGNOLIA
City,State,Zip: CORONA, CA 92879
Site ID: 452535
CERS ID: 110041393293
CERS Description: US EPA Air Emission Inventory System (EIS)

HWTS:
Name: HAITBRINK ASPHALT PAVING INC
Address: 1480 MAGNOLIA AVE
Address 2: Not reported
City,State,Zip: CORONA, CA 92879
EPA ID: CAL000413384
Inactive Date: Not reported
Create Date: 12/21/2015
Last Act Date: 08/25/2020
Mailing Name: Not reported
Mailing Address: PO BOX 2379
Mailing Address 2: Not reported
Mailing City,State,Zip: CORONA, CA 928782379
Owner Name: HAITBRINK ASPHALT PAVING INC
Owner Address: 1480 MAGNOLIA AVE
Owner Address 2: Not reported
Owner City,State,Zip: CORONA, CA 928790000
Contact Name: HUNTER HAITBRINK
Contact Address: 1480 MAGNOLIA AVE
Contact Address 2: Not reported
City,State,Zip: CORONA, CA 928790000

ASSOCIATED READY MIXED CONCRETE (Continued) **S102429114**

NAICS:

EPA ID:	CAL000413384
Create Date:	2015-12-21 14:19:25.117
NAICS Code:	23411
NAICS Description:	Highway and Street Construction
Issued EPA ID Date:	2015-12-21 14:19:25.11000
Inactive Date:	Not reported
Facility Name:	HAITBRINK ASPHALT PAVING INC
Facility Address:	1480 MAGNOLIA AVE
Facility Address 2:	Not reported
Facility City:	CORONA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92879

G50 **HAITBRINK ASPHALT PAVING INC** **AST** **A100420600**
East **1480 MAGNOLIA AVE** **N/A**
1/8-1/4 **CORONA, CA 92879**
0.134 mi.
708 ft. **Site 5 of 5 in cluster G**

Relative:
Higher

Actual:
652 ft.

AST:

Name:	HAITBRINK ASPHALT PAVING INC
Address:	1480 MAGNOLIA AVE
City/Zip:	CORONA,92879
Certified Unified Program Agencies:	Not reported
Owner:	Hunter Haitbrink
Total Gallons:	Not reported
CERSID:	10640344
Facility ID:	FA0045079
Business Name:	Haitbrink Asphalt Paving Inc
Phone:	951-273-0111
Fax:	951-273-0911
Mailing Address:	PO Box 2379
Mailing Address City:	Corona
Mailing Address State:	CA
Mailing Address Zip Code:	92878
Operator Name:	Haitbrink Asphalt Paving,Inc.
Operator Phone:	951-273-0111
Owner Phone:	951-273-0111
Owner Mail Address:	PO BOX 2379
Owner State:	CA
Owner Zip Code:	92878
Owner Country:	United States
Property Owner Name:	Barbara Haitbrink
Property Owner Phone:	951-273-0111
Property Owner Mailing Address:	PO BOX 2379
Property Owner City:	Corona
Property Owner Stat :	CA
Property Owner Zip Code:	92878
Property Owner Country:	United States
EPAID:	CAL000326958

I51 **CORONA FLEET & AUTOMOTIVE REPAIR** **RCRA NonGen / NLR** **1024870523**
SW **1248 MAGNOLIA AVE** **CAL000439162**
1/8-1/4 **CORONA, CA 92879**
0.141 mi.
743 ft. **Site 5 of 7 in cluster I**

Relative:
Higher

Actual:
658 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2018-09-17 00:00:00.0
Handler Name:	CORONA FLEET & AUTOMOTIVE REPAIR
Handler Address:	1248 MAGNOLIA AVE
Handler City,State,Zip:	CORONA, CA 92879
EPA ID:	CAL000439162
Contact Name:	ANTHONY NICHOLAS
Contact Address:	8383 RAINTREE AVE
Contact City,State,Zip:	RIVERSIDE, CA 92504
Contact Telephone:	951-278-3300
Contact Fax:	951-278-8268
Contact Email:	CONRONAFLEET18@GMAIL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1248 MAGNOLIA AVE
Mailing City,State,Zip:	CORONA, CA 92879
Owner Name:	ANTHONY NICHOLAS
Owner Type:	Other
Operator Name:	ANTHONY NICHOLAS
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CORONA FLEET & AUTOMOTIVE REPAIR (Continued) **1024870523**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-10-01 18:39:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANTHONY NICHOLAS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8383 RAINTREE AVE
Owner/Operator City,State,Zip:	RIVERSIDE, CA 92504
Owner/Operator Telephone:	951-264-8727
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTHONY NICHOLAS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	8383 RAINTREE AVE
Owner/Operator City,State,Zip:	RIVERSIDE, CA 92504
Owner/Operator Telephone:	951-278-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CORONA FLEET & AUTOMOTIVE REPAIR (Continued) **1024870523**

Historic Generators:
- Receive Date: 2018-09-17 00:00:00.0
- Handler Name: CORONA FLEET & AUTOMOTIVE REPAIR
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

I52 **ROMAR FLEET SVC** **RCRA-SQG** **1000819219**
SW **1248 MAGNOLIA AVE** **FINDS** **CAD983651910**
1/8-1/4 **CORONA, CA 92879** **ECHO**
0.141 mi.
743 ft. **Site 6 of 7 in cluster I**

Relative: **Higher**
Actual: **658 ft.**

RCRA-SQG:
- Date Form Received by Agency: 1992-11-05 00:00:00.0
- Handler Name: ROMAR FLEET SVC
- Handler Address: 1248 MAGNOLIA AVE
- Handler City,State,Zip: CORONA, CA 92879
- EPA ID: CAD983651910
- Contact Name: RONALD ZIRGER
- Contact Address: 1248 MAGNOLIA AVE
- Contact City,State,Zip: CORONA, CA 91719
- Contact Telephone: 714-278-3300
- Contact Fax: Not reported
- Contact Email: Not reported
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Private
- Federal Waste Generator Description: Small Quantity Generator
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 1248 MAGNOLIA AVE
- Mailing City,State,Zip: CORONA, CA 92879
- Owner Name: MARGARET A ZIRGES

ROMAR FLEET SVC (Continued) **1000819219**

Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:36:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

ROMAR FLEET SVC (Continued) **1000819219**

Sub-Part P Indicator: Not reported

Handler - Owner Operator:
- Owner/Operator Indicator: Owner
- Owner/Operator Name: MARGARET A ZIRGES
- Legal Status: Private
- Date Became Current: Not reported
- Date Ended Current: Not reported
- Owner/Operator Address: 1248 MAGNOLIA AVE
- Owner/Operator City,State,Zip: CORONA, CA 91719
- Owner/Operator Telephone: 714-278-3300
- Owner/Operator Telephone Ext: Not reported
- Owner/Operator Fax: Not reported
- Owner/Operator Email: Not reported

Historic Generators:
- Receive Date: 1992-11-05 00:00:00.0
- Handler Name: ROMAR FLEET SVC
- Federal Waste Generator Description: Small Quantity Generator
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

FINDS:
- Registry ID: 110008284347

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ROMAR FLEET SVC (Continued) **1000819219**

ECHO:

Envid:	1000819219
Registry ID:	110008284347
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008284347
Name:	ROMAR FLEET SVC
Address:	1248 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879

I53 **DOWNS ENERGY 1232 MAGNOLIA WHS** **AST** **A100419521**
SW **1232 MAGNOLIA AVE** **N/A**
1/8-1/4 **CORONA, CA 92879**
0.151 mi.
795 ft. **Site 7 of 7 in cluster I**

Relative:
Higher

Actual:
659 ft.

AST:

Name:	DOWNS ENERGY 1232 MAGNOLIA WHS
Address:	1232 MAGNOLIA AVE
City/Zip:	CORONA,92879
Certified Unified Program Agencies:	Not reported
Owner:	Michael J. Downs
Total Gallons:	Not reported
CERSID:	10476481
Facility ID:	FA0025309
Business Name:	Downs Energy
Phone:	951-271-0968
Fax:	Not reported
Mailing Address:	1296 Magnolia Ave.
Mailing Address City:	Corona
Mailing Address State:	CA
Mailing Address Zip Code:	92879
Operator Name:	Michael J. Downs
Operator Phone:	951-256-8282
Owner Phone:	951-256-8282
Owner Mail Address:	1296 Magnolia Ave.
Owner State:	CA
Owner Zip Code:	92879
Owner Country:	United States
Property Owner Name:	M & D Development LLC
Property Owner Phone:	951-256-8291
Property Owner Mailing Address:	1296 Magnolia Ave.
Property Owner City:	Corona
Property Owner Stat :	CA
Property Owner Zip Code:	92879
Property Owner Country:	United States
EPAID:	CAL0020488

K54 **CORONA TRUCK SALVAGE** **SWF/LF** **S126983928**
SSE **1200 SHERBORN** **N/A**
1/8-1/4 **CORONA, CA 99999**
0.163 mi.
862 ft. **Site 4 of 4 in cluster K**

Relative:
Higher

Actual:
662 ft.

SWF/LF (SWIS):

Name:	CORONA TRUCK SALVAGE
Address:	1200 SHERBORN
City,State,Zip:	CORONA, CA 99999
Region:	STATE
Facility ID:	33-AA-0293
SWIS Number:	33-AA-0293
Point of Contact:	Angela Gomez
Is Archived:	Yes
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Corona
Reporting Agency Legal Name:	County of Riverside
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Riverside
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	TBD (Pending Investigation)

Operator:

SWIS Number:	33-AA-0293
Site Name:	Corona Truck Salvage
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	TBD (Pending Investigation)
Latitude:	33.86667
Longitude:	-117.56667
Is Archived:	Yes
Operator:	Corona Truck Salvage
Started On:	2/14/2000
Contact Name:	Bruce Hohn
Contact Title:	Owner
Contact Email:	Not reported
Contact Phone:	Not reported
Street Address:	12139 Paramount Blvd.
Operator City:	Downey
Operator State:	CA
Operator Zip:	90242-2356

L55 **SIX-PAC INDUSTRIES** **LUST** **S101590110**
North **1428 E SIXTH ST** **CERS HAZ WASTE** **N/A**
1/8-1/4 **CORONA, CA 91719** **SWEEPS UST**
0.166 mi. **CA FID UST**
874 ft. **Site 1 of 10 in cluster L** **Cortese**
NPDES
Relative: Lower **CIWQS**
CERS

Actual: 637 ft.

RIVERSIDE CO. LUST:

Name:	SIX PAC INDUSTRIES
Address:	1428 E SIXTH ST
City,State,Zip:	CORONA, CA
Region:	RIVERSIDE
Facility ID:	92142
Employee:	Thompson
Site Closed:	Yes
Case Type:	Soil only
Facility Status:	closed/action completed
Casetype Decode:	Soil only is impacted
Fstatus Decode:	Closed/Action completed

LUST:

Name:	SIX-PAC INDUSTRIES
Address:	1428 E SIXTH ST
City,State,Zip:	CORONA, CA 91719
Lead Agency:	RIVERSIDE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500261
Global Id:	T0606500261
Latitude:	33.8734739586269
Longitude:	-117.537791168362
Status:	Completed - Case Closed
Status Date:	01/08/1993
Case Worker:	RIV
RB Case Number:	083302012T
Local Agency:	RIVERSIDE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	92142
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0606500261
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP
Organization Name:	RIVERSIDE COUNTY LOP
Address:	3880 LEMON ST SUITE 200
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558980

LUST:

Global Id:	T0606500261
Action Type:	ENFORCEMENT
Date:	01/08/1993
Action:	Closure/No Further Action Letter

SIX-PAC INDUSTRIES (Continued) **S101590110**

Global Id: T0606500261
Action Type: ENFORCEMENT
Date: 01/07/1993
Action: File review - #RCDEH Site File

Global Id: T0606500261
Action Type: ENFORCEMENT
Date: 01/08/1993
Action: Closure/No Further Action Letter - #Riv Co Closure

Global Id: T0606500261
Action Type: Other
Date: 02/12/1992
Action: Leak Discovery

Global Id: T0606500261
Action Type: Other
Date: 02/10/1992
Action: Leak Stopped

Global Id: T0606500261
Action Type: Other
Date: 02/19/1992
Action: Leak Reported

LUST:
Global Id: T0606500261
Status: Open - Case Begin Date
Status Date: 01/10/1992

Global Id: T0606500261
Status: Open - Site Assessment
Status Date: 02/12/1992

Global Id: T0606500261
Status: Open - Site Assessment
Status Date: 02/19/1992

Global Id: T0606500261
Status: Open - Site Assessment
Status Date: 03/30/1992

Global Id: T0606500261
Status: Completed - Case Closed
Status Date: 01/08/1993

CERS HAZ WASTE:
Name: FRS ENVIRONMENTAL
Address: 1428 E SIXTH ST
City,State,Zip: CORONA, CA 92879
Site ID: 118248
CERS ID: 10554517
CERS Description: Hazardous Waste Generator

SIX-PAC INDUSTRIES (Continued) **S101590110**

SWEEPS UST:

Name:	SIX PAC INDUSTRIES INC
Address:	1428 E SIXTH ST
City:	CORONA
Status:	Active
Comp Number:	5836
Number:	1
Board Of Equalization:	44-017901
Referral Date:	11-19-92
Action Date:	11-19-92
Created Date:	02-29-88
Owner Tank Id:	000977
SWRCB Tank Id:	33-000-005836-000001
Tank Status:	A
Capacity:	10000
Active Date:	06-21-90
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	2

Name:	SIX PAC INDUSTRIES INC
Address:	1428 E SIXTH ST
City:	CORONA
Status:	Active
Comp Number:	5836
Number:	1
Board Of Equalization:	44-017901
Referral Date:	11-19-92
Action Date:	11-19-92
Created Date:	02-29-88
Owner Tank Id:	000977
SWRCB Tank Id:	33-000-005836-000002
Tank Status:	A
Capacity:	2000
Active Date:	11-19-92
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	33004398
Regulated By:	UTNKA
Regulated ID:	00005836
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7147378232
Mail To:	Not reported
Mailing Address:	1428 E SIXTH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	CORONA 91720
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported

SIX-PAC INDUSTRIES (Continued) **S101590110**

EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: SIX-PAC INDUSTRIES
Address: 1428 E SIXTH ST
City,State,Zip: CORONA, CA 91719
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0606500261
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

NPDES:
Name: GALLEYS PLUS CUSTOM CABINETS INCORPORATED
Address: 1428 EAST SIXTH STREET
City,State,Zip: CORONA, CA 92879
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 8 33NEC007414
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 09/04/2020
Operator Name: Galleys Plus Custom Cabinets Incorporated

SIX-PAC INDUSTRIES (Continued) **S101590110**

Operator Address:	1428 East Sixth Street
Operator City:	Corona
Operator State:	California
Operator Zip:	92879
Name:	GALLEYS PLUS CUSTOM CABINETS INCORPORATED
Address:	1428 EAST SIXTH STREET
City,State,Zip:	CORONA, CA 92879
Facility Status:	Active
NPDES Number:	CAS000001
Region:	8
Agency Number:	0
Regulatory Measure ID:	524801
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 33NEC007414
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/04/2020
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1428 East Sixth Street
Discharge Name:	Galleys Plus Custom Cabinets Incorporated
Discharge City:	Corona
Discharge State:	California
Discharge Zip:	92879
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

CIWQS:

Name:	GALLEYS PLUS CUSTOM CABINETS INCORPORATED
Address:	1428 EAST SIXTH STREET SUITE L
City,State,Zip:	CORONA, CA 92879
Agency:	Galleys Plus Custom Cabinets Incorporated
Agency Address:	1428 East Sixth Street Suite L, Corona, CA 92879
Place/Project Type:	Industrial - Wood Kitchen Cabinets
SIC/NAICS:	2434
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 33NEC007414
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	09/04/2020
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported

SIX-PAC INDUSTRIES (Continued) **S101590110**

TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.87277
Longitude:	-117.53748

CERS:

Name:	FRS ENVIRONMENTAL
Address:	1428 E SIXTH ST
City,State,Zip:	CORONA, CA 92879
Site ID:	118248
CERS ID:	10554517
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	118248
Site Name:	FRS Environmental
Violation Date:	09-11-2015
Citation:	19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description:	Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes:	Returned to compliance on 06/24/2016. Update with new requirements, contact Diedre. No staging areas, etc.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	118248
Site Name:	FRS Environmental
Violation Date:	06-09-2020
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.
Violation Notes:	Returned to compliance on 06/17/2020. OBSERVATION: Observed fire extinguishers to be last serviced in 2016. CORRECTIVE ACTION: Owner/operator shall ensure fire extinguishers are serviced annually.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	118248
Site Name:	FRS Environmental
Violation Date:	09-11-2015
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/24/2016. Change FM-100 Max. =400 lbs. Change Keteca Max. =1200 gal.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

SIX-PAC INDUSTRIES (Continued) **S101590110**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-09-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	- Unable to obtain signature due to COVID-19 restrictions. - Inspection report will be sent to the e-mail address provided by J. Voss. - Facility is a hazardous waste hauler and potentially generates the following waste streams: vehicle maintenance (used oil and absorbent), parts washer solution/sludge, solvent - Facility just had a hazardous waste pick up so no hazardous waste was on site during the inspection. - Per J. Voss, employees receive 40 hour HAZWOPER training/refresher annually.
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-11-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-16-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-30-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	118248
Site Name:	FRS Environmental
Site Address:	1428 E SIXTH ST
Site City:	CORONA
Site Zip:	92879
Enf Action Date:	09-11-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Corona Fire Department
Enf Action Program:	HMRRP

SIX-PAC INDUSTRIES (Continued) **S101590110**

Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503
Affiliation Phone: (951) 358-5055

Affiliation Type Desc: Identification Signer
Entity Name: John Voss
Entity Title: CFO
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Michelle Voss
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (951) 310-8891

Affiliation Type Desc: Document Preparer
Entity Name: John Voss
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: FRS Environmental
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: John Voss
Entity Title: Not reported
Affiliation Address: 1428 E. Sixth St. Suite A

SIX-PAC INDUSTRIES (Continued) **S101590110**

Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1428 E. Sixth St. Suite A
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Michelle Voss
Entity Title:	Not reported
Affiliation Address:	1428 E. Sixth St. Suite A
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92879
Affiliation Phone:	(951) 898-1888
Name:	SIX-PAC INDUSTRIES
Address:	1428 E SIXTH ST
City,State,Zip:	CORONA, CA 91719
Site ID:	248597
CERS ID:	T0606500261
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	Riverside County LOP - RIVERSIDE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	3880 LEMON ST SUITE 200
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9519558980

M56 **LOWE'S #1743** **AST** **A100421991**
WSW **1285 MAGNOLIA AVE** **N/A**
1/8-1/4 **CORONA, CA 92879**
0.166 mi.
878 ft. **Site 1 of 3 in cluster M**

Relative: AST:
Lower

Actual: Name:	LOWE'S #1743
639 ft. Address:	1285 MAGNOLIA AVE
City/Zip:	CORONA,92879
Certified Unified Program Agencies:	Not reported
Owner:	Lowe's Home Centers, LLC

LOWE'S #1743 (Continued) **A100421991**

Total Gallons:	Not reported
CERSID:	10411207
Facility ID:	Not reported
Business Name:	Lowe's HIW, Inc.
Phone:	(888) 429-6281
Fax:	951-256-9007
Mailing Address:	1000 Lowe's Blvd., Mail Code A2ELP
Mailing Address City:	Mooresville
Mailing Address State:	NC
Mailing Address Zip Code:	28117
Operator Name:	Lowe's Home Centers, LLC
Operator Phone:	951-256-9004
Owner Phone:	(704) 758-6033
Owner Mail Address:	1605 Curtis Bridge Rd, Mailcode A2ELP
Owner State:	NC
Owner Zip Code:	28697
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	CAL000276784

M57 **LOWE'S OF CORONA #1743** **RCRA-SQG** **1024089940**
WSW **1285 MAGNOLIA AVENUE** **CAR000279968**
1/8-1/4 **CORONA, CA 92879**
0.166 mi.
878 ft. **Site 2 of 3 in cluster M**

Relative: **Lower**
Actual: **639 ft.**

RCRA-SQG:

Date Form Received by Agency:		2020-11-05 00:00:00.0
Handler Name:	LOWE'S OF CORONA #1743	
Handler Address:		1285 MAGNOLIA AVENUE
Handler City,State,Zip:		CORONA, CA 92879
EPA ID:		CAR000279968
Contact Name:		BOBBI TENBORG
Contact Address:		LOWES BLVD.
Contact City,State,Zip:		MOORESVILLE, NC 28117
Contact Telephone:		704-758-2955
Contact Fax:		877-658-9885
Contact Email:		BOBBI.L.TENBORG@LOWES.COM
Contact Title:		ENVIRONMENTAL COMPLIANCE SUPERVISOR
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		LOWES BLVD.
Mailing City,State,Zip:		MOORESVILLE, NC 28117
Owner Name:		LOWE'S HOME CENTERS, LLC
Owner Type:		Private

LOWE'S OF CORONA #1743 (Continued) **1024089940**

Operator Name:	LOWE'S HOME CENTERS, LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-11-13 12:43:57.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

LOWE'S OF CORONA #1743 (Continued) **1024089940**

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U072
Waste Description:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
Waste Code:	U134
Waste Description:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

LOWE'S OF CORONA #1743 (Continued) **1024089940**

Waste Code: U165
Waste Description: NAPHTHALENE

Waste Code: U210
Waste Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Waste Code: U240
Waste Description: 2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D

Waste Code: U249
Waste Description: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

Waste Code: U279
Waste Description: U279

Waste Code: U411
Waste Description: U411

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LOWE'S HOME CENTERS, LLC
Legal Status:	Private
Date Became Current:	2004-01-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1000 LOWES BLVD.
Owner/Operator City,State,Zip:	MOORESVILLE, NC 28117
Owner/Operator Telephone:	704-758-2955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	877-658-9885
Owner/Operator Email:	BOBBI.L.TENBORG@LOWES.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LOWE'S HOME CENTERS, LLC
Legal Status:	Private
Date Became Current:	2004-01-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1605 CURTIS BRIDGE RD
Owner/Operator City,State,Zip:	WILKESBORO, NC 28697
Owner/Operator Telephone:	704-758-2955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	877-658-9885
Owner/Operator Email:	BOBBI.L.TENBORG@LOWES.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LOWE'S HOME CENTERS, LLC
Legal Status:	Private
Date Became Current:	2004-01-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1605 CURTIS BRIDGE RD
Owner/Operator City,State,Zip:	WILKESBORO, NC 28697
Owner/Operator Telephone:	704-758-2955
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	877-658-9885
Owner/Operator Email:	BOBBI.L.TENBORG@LOWES.COM

Owner/Operator Indicator: Owner

LOWE'S OF CORONA #1743 (Continued) **1024089940**

Owner/Operator Name: LOWE'S HOME CENTERS, LLC
Legal Status: Private
Date Became Current: 2004-01-09 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1000 LOWES BLVD.
Owner/Operator City,State,Zip: MOORESVILLE, NC 28117
Owner/Operator Telephone: 704-758-2955
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: 877-658-9885
Owner/Operator Email: BOBBI.L.TENBORG@LOWES.COM

Historic Generators:
Receive Date: 2017-12-26 00:00:00.0
Handler Name: LOWE'S OF CORONA #1743
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2020-11-05 00:00:00.0
Handler Name: LOWE'S OF CORONA #1743
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 444110
NAICS Description: HOME CENTERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M58 **LOWE'S OF CORONA #1743** **CERS HAZ WASTE** **S113129293**
WSW **1285 MAGNOLIA AVE** **CERS TANKS** **N/A**
1/8-1/4 **CORONA, CA 28117** **HAZNET**
0.166 mi. **CERS**
878 ft. **Site 3 of 3 in cluster M** **HWTS**

Relative:
Lower

Actual:
639 ft.

CERS HAZ WASTE:
Name: LOWE'S #1743
Address: 1285 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Site ID: 131558
CERS ID: 10411207
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: LOWE'S #1743
Address: 1285 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Site ID: 131558
CERS ID: 10411207
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: LOWE'S OF CORONA #1743
Address: 1285 MAGNOLIA AVE
Address 2: Not reported
City,State,Zip: CORONA, CA 281170000
Contact: ROB GASS
Telephone: 7047586033
Mailing Name: Not reported
Mailing Address: 1000 LOWE'S BLVD

Year: 2019
Gepaid: CAR000279968
TSD EPA ID: CAD008364432
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00600

Year: 2019
Gepaid: CAL000276784
TSD EPA ID: CAD008364432
CA Waste Code: 791 - Liquids with pH <= 2
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00250

Year: 2019
Gepaid: CAL000276784
TSD EPA ID: NVD980895338
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00200

Year: 2019
Gepaid: CAL000276784

LOWE'S OF CORONA #1743 (Continued) **S113129293**

TSD EPA ID:	CAD008364432
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.36250
Year:	2019
Gepaid:	CAL000276784
TSD EPA ID:	NVD980895338
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.24100
Year:	2019
Gepaid:	CAR000279968
TSD EPA ID:	CAD008364432
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01100
Year:	2019
Gepaid:	CAR000279968
TSD EPA ID:	NVD980895338
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05800
Year:	2019
Gepaid:	CAL000276784
TSD EPA ID:	CAD008364432
CA Waste Code:	122 - Alkaline solution without metals pH >= 12.5
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02900
Year:	2019
Gepaid:	CAR000279968
TSD EPA ID:	CAD008364432
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.16000
Year:	2018
Gepaid:	CAL000276784
TSD EPA ID:	NVD980895338
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00750

Click this hyperlink while viewing on your computer to access
83 additional CA HAZNET: record(s) in the EDR Site Report.

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Additional Info:

Year:	2012
Gen EPA ID:	CAL000276784
Shipment Date:	20121029
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000400743PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0735
Waste Quantity:	147
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121029
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000400743PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0935
Waste Quantity:	187
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121029
Creation Date:	Not reported
Receipt Date:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Manifest ID:	000400743PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1705
Waste Quantity:	341
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121029
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000400743PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.084
Waste Quantity:	168
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121029
Creation Date:	1/13/2013 22:15:06
Receipt Date:	20121107
Manifest ID:	000400743PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC

LOWE'S OF CORONA #1743 (Continued) **S113129293**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.031
Waste Quantity:	62
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121029
Creation Date:	1/13/2013 22:15:06
Receipt Date:	20121107
Manifest ID:	000400743PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0435
Waste Quantity:	87
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121029
Creation Date:	1/13/2013 22:15:06
Receipt Date:	20121107
Manifest ID:	000400743PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1235
Waste Quantity:	247

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20121029
Creation Date:	1/13/2013 22:15:06
Receipt Date:	20121107
Manifest ID:	000400743PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0635
Waste Quantity:	127
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120808
Creation Date:	10/29/2012 22:15:06
Receipt Date:	20120813
Manifest ID:	000347569PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0435
Waste Quantity:	87
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120808

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000347569PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.11
Waste Quantity:	220
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000276784
Shipment Date:	20061205
Creation Date:	7/13/2007 18:30:33
Receipt Date:	20061206
Manifest ID:	000496890JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061205
Creation Date:	7/13/2007 18:30:33
Receipt Date:	20061206
Manifest ID:	000496890JJK

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U002
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D035
Additional Code 2:	D018
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20061205
Creation Date:	7/13/2007 18:30:33
Receipt Date:	20061206
Manifest ID:	000496890JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20061205
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000496890JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics

LOWE'S OF CORONA #1743 (Continued) **S113129293**

RCRA Code:	U080
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D016
Additional Code 2:	D011
Additional Code 3:	D008
Additional Code 4:	D006
Additional Code 5:	Not reported
Shipment Date:	20061205
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000496890JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061205
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000496890JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060914
Creation Date:	7/11/2007 18:30:11
Receipt Date:	20060915
Manifest ID:	000446499JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060914
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000446499JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060914
Creation Date:	7/11/2007 18:30:11
Receipt Date:	20060915
Manifest ID:	000446499JJK

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U002
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	Not reported
Waste Quantity:	415
Quantity Unit:	P
Additional Code 1:	D035
Additional Code 2:	D018
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20060914
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000446499JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1525
Waste Quantity:	305
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000276784

Shipment Date:	20100819
Creation Date:	11/3/2010 18:30:08
Receipt Date:	20100823
Manifest ID:	000018155MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD980584510
Trans 2 Name:	PHILIP WEST INDUSTRIAL SERVICES
TSDF EPA ID:	CAD008364432

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0855
Waste Quantity:	171
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100819
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000018155MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD980584510
Trans 2 Name:	PHILIP WEST INDUSTRIAL SERVICES
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.023
Waste Quantity:	46
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100819
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000018155MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD980584510
Trans 2 Name:	PHILIP WEST INDUSTRIAL SERVICES
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.658
Waste Quantity:	1316

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100819
Creation Date:	11/3/2010 18:30:08
Receipt Date:	20100823
Manifest ID:	000018155MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD980584510
Trans 2 Name:	PHILIP WEST INDUSTRIAL SERVICES
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0245
Waste Quantity:	49
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100215
Creation Date:	5/27/2010 18:30:38
Receipt Date:	20100218
Manifest ID:	000071497MWI
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1425
Waste Quantity:	285
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100215

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000071497MWI
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.18
Waste Quantity:	360
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100215
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000071497MWI
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.019
Waste Quantity:	38
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000276784

Shipment Date:	20151119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001146636PSC

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0115
Waste Quantity:	23
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0245
Waste Quantity:	49
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0395
Waste Quantity:	79
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20151119
Creation Date:	2/5/2016 22:15:30
Receipt Date:	20151130
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0145
Waste Quantity:	29
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151119
Creation Date:	2/5/2016 22:15:30
Receipt Date:	20151130
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151119
Creation Date:	2/5/2016 22:15:30
Receipt Date:	20151130
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.073
Waste Quantity:	146
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151119
Creation Date:	2/5/2016 22:15:30
Receipt Date:	20151130
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6805
Waste Quantity:	1361
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151119
Creation Date:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Receipt Date:	Not reported
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.127
Waste Quantity:	254
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150828
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001092992PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0325
Waste Quantity:	65
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150828
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001092992PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAL000276784
Shipment Date:	20041208
Creation Date:	2/17/2005 18:32:22
Receipt Date:	20041208
Manifest ID:	23786051
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	NA
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.6
Waste Quantity:	1200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041208
Creation Date:	2/17/2005 18:32:22
Receipt Date:	20041208
Manifest ID:	23786051
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics

LOWE'S OF CORONA #1743 (Continued) **S113129293**

RCRA Code:	D001
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041208
Creation Date:	2/17/2005 18:32:22
Receipt Date:	20041208
Manifest ID:	23786051
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040721
Creation Date:	1/10/2005 18:31:35
Receipt Date:	20040721
Manifest ID:	22787167
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Additional Code 5:	Not reported
Shipment Date:	20040721
Creation Date:	1/10/2005 18:31:35
Receipt Date:	20040721
Manifest ID:	22787167
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040721
Creation Date:	1/10/2005 18:31:35
Receipt Date:	20040721
Manifest ID:	22787167
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040721
Creation Date:	1/10/2005 18:31:35
Receipt Date:	20040721
Manifest ID:	22787167
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040506
Creation Date:	10/15/2004 8:41:08
Receipt Date:	20040506
Manifest ID:	22803612
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040506
Creation Date:	10/15/2004 8:41:08
Receipt Date:	20040506
Manifest ID:	22803612
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040506
Creation Date:	10/15/2004 8:41:08
Receipt Date:	20040506
Manifest ID:	22803612
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000276784
Shipment Date:	20090717
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005465616JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAR000190355
Trans 2 Name:	PHILIP WEST INDUSTRIAL SERVICES
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090717
Creation Date:	9/23/2009 18:30:21
Receipt Date:	20090722
Manifest ID:	005465616JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAR000190355
Trans 2 Name:	PHILIP WEST INDUSTRIAL SERVICES
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.155
Waste Quantity:	310
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20090225
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002945407JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2635
Waste Quantity:	527
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090225
Creation Date:	4/16/2009 18:30:10
Receipt Date:	20090303
Manifest ID:	002945407JJK
Trans EPA ID:	CAD008364432

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0315
Waste Quantity:	63
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090225
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002945407JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.037
Waste Quantity:	74
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090225
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002945407JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	P012
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.093
Waste Quantity:	186
Quantity Unit:	P
Additional Code 1:	D016
Additional Code 2:	D011
Additional Code 3:	D008
Additional Code 4:	D006
Additional Code 5:	Not reported
Shipment Date:	20090225
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002945407JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.239
Waste Quantity:	478
Quantity Unit:	P
Additional Code 1:	D010
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000276784
Shipment Date:	20070801
Creation Date:	12/28/2007 18:31:14
Receipt Date:	20070801
Manifest ID:	002975664JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070801
Creation Date:	12/28/2007 18:31:14
Receipt Date:	20070801
Manifest ID:	002975664JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070801
Creation Date:	12/28/2007 18:31:14
Receipt Date:	20070801
Manifest ID:	002975664JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.07
Waste Quantity:	140
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Shipment Date:	20070518
Creation Date:	10/11/2007 18:30:06
Receipt Date:	20070518
Manifest ID:	000512634JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070329
Creation Date:	8/19/2007 18:30:27
Receipt Date:	20070402
Manifest ID:	000505031JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.165
Waste Quantity:	330
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070329
Creation Date:	8/19/2007 18:30:27
Receipt Date:	20070402
Manifest ID:	000505031JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0105
Waste Quantity:	21
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070329
Creation Date:	8/19/2007 18:30:27
Receipt Date:	20070402
Manifest ID:	000505031JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.07
Waste Quantity:	140
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070226
Creation Date:	2/23/2008 18:30:29
Receipt Date:	20070226
Manifest ID:	000508968JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.26

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Waste Quantity:	520
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070226
Creation Date:	2/23/2008 18:30:29
Receipt Date:	20070226
Manifest ID:	000508968JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U002
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D035
Additional Code 2:	D018
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000276784
Shipment Date:	20111227
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000132676MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0925
Waste Quantity:	185
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111227
Creation Date:	7/19/2012 22:00:21
Receipt Date:	20111228
Manifest ID:	000132676MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.024
Waste Quantity:	48
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20111227
Creation Date:	7/19/2012 22:00:21
Receipt Date:	20111228
Manifest ID:	000132676MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.009
Waste Quantity:	18
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111227
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000132676MWI
Trans EPA ID:	CAD008364432

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0315
Waste Quantity:	63
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111227
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000132676MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.019
Waste Quantity:	38
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110616
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110620
Manifest ID:	000121288MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0735
Waste Quantity:	147
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110616
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110620
Manifest ID:	000121288MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110616
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000121288MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0455
Waste Quantity:	91
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110616
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000121288MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1335
Waste Quantity:	267
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110616
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000121288MWI
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.024
Waste Quantity:	48
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000276784

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Shipment Date:	20131021
Creation Date:	12/10/2013 22:15:06
Receipt Date:	20131101
Manifest ID:	000628162PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2935
Waste Quantity:	587
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131021
Creation Date:	12/10/2013 22:15:06
Receipt Date:	20131101
Manifest ID:	000628162PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.5135
Waste Quantity:	1027
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131021
Creation Date:	12/10/2013 22:15:06
Receipt Date:	20131101
Manifest ID:	000628162PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.056
Waste Quantity:	112
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20131021
Creation Date:	12/10/2013 22:15:06
Receipt Date:	20131101
Manifest ID:	000628162PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0305
Waste Quantity:	61
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130717
Creation Date:	9/25/2013 22:15:07
Receipt Date:	20130729
Manifest ID:	000562045PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

LOWE'S OF CORONA #1743 (Continued) **S113129293**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0455
Waste Quantity:	91
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130717
Creation Date:	9/25/2013 22:15:07
Receipt Date:	20130729
Manifest ID:	000562045PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130717
Creation Date:	9/25/2013 22:15:07
Receipt Date:	20130729
Manifest ID:	000562045PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0405
Waste Quantity:	81
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Additional Code 5:	Not reported
Shipment Date:	20130717
Creation Date:	9/25/2013 22:15:07
Receipt Date:	20130729
Manifest ID:	000562045PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0455
Waste Quantity:	91
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130717
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000562045PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.058
Waste Quantity:	116
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130717
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000562045PSC
Trans EPA ID:	CAD008364432

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.355
Waste Quantity:	710
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000276784
Shipment Date:	20080902
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002928431JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080902
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002928431JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080902
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002928431JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	P012
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	D016
Additional Code 2:	D011
Additional Code 3:	D008
Additional Code 4:	D006
Additional Code 5:	Not reported
Shipment Date:	20080902
Creation Date:	11/3/2008 18:30:08
Receipt Date:	20080904
Manifest ID:	002928431JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20080902
Creation Date:	11/3/2008 18:30:08
Receipt Date:	20080904
Manifest ID:	002928431JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080117
Creation Date:	4/3/2008 18:30:24
Receipt Date:	20080117
Manifest ID:	002934356JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Shipment Date:	20080117
Creation Date:	4/3/2008 18:30:24
Receipt Date:	20080117
Manifest ID:	002934356JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

Shipment Date:	20080117
Creation Date:	4/3/2008 18:30:24
Receipt Date:	20080117
Manifest ID:	002934356JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080117
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	002934356JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0975
Waste Quantity:	195
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080117
Creation Date:	4/3/2008 18:30:24
Receipt Date:	20080117
Manifest ID:	002934356JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM CORPORATION
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	F012
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D016
Additional Code 2:	D011
Additional Code 3:	D008
Additional Code 4:	D005
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000276784
Shipment Date:	20141113
Creation Date:	1/14/2015 22:14:59
Receipt Date:	20141118
Manifest ID:	000887914PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2005
Waste Quantity:	401
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141113
Creation Date:	1/14/2015 22:14:59
Receipt Date:	20141118
Manifest ID:	000887914PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.038
Waste Quantity:	76
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141113
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000887914PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.014
Waste Quantity:	28
Quantity Unit:	P

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20141113
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000887914PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0445
Waste Quantity:	89
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141113
Creation Date:	1/14/2015 22:14:59
Receipt Date:	20141118
Manifest ID:	000887914PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141113

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Creation Date:	1/14/2015 22:14:59
Receipt Date:	20141118
Manifest ID:	000887914PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.12
Waste Quantity:	240
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140915
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000851327PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.17
Waste Quantity:	340
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140915
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000851327PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP

LOWE'S OF CORONA #1743 (Continued) **S113129293**

TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0255
Waste Quantity:	51
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140915
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000851327PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0105
Waste Quantity:	21
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140915
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000851327PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

LOWE'S OF CORONA #1743 (Continued) **S113129293**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.256
Waste Quantity:	512
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAL000276784
Shipment Date:	20050916
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050916
Manifest ID:	24582627
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	612 - Household waste
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050916
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050916
Manifest ID:	24582627
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050916
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050916
Manifest ID:	24582627
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050916
Creation Date:	12/16/2005 18:31:03
Receipt Date:	20050916
Manifest ID:	24582627
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050727
Creation Date:	10/12/2005 18:35:03
Receipt Date:	20050727
Manifest ID:	23768075

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050624
Creation Date:	9/16/2005 18:31:41
Receipt Date:	20050624
Manifest ID:	23786312
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050624
Creation Date:	9/16/2005 18:31:41
Receipt Date:	20050624
Manifest ID:	23786312
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	291 - Latex waste

LOWE'S OF CORONA #1743 (Continued) **S113129293**

RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050624
Creation Date:	9/16/2005 18:31:41
Receipt Date:	20050624
Manifest ID:	23786312
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.13
Waste Quantity:	260
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050413
Creation Date:	6/12/2005 18:30:27
Receipt Date:	20050413
Manifest ID:	23769403
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Additional Code 5: Not reported

Additional Info:
Year: 2017
Gen EPA ID: CAL000276784

Shipment Date: 20171212
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 001721638PSC
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: CAR000217000
Trans 2 Name: LA CHIQUITA TRUCKING
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.3865
Waste Quantity: 773
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171212
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 001721638PSC
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: CAR000217000
Trans 2 Name: LA CHIQUITA TRUCKING
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 122 - Alkaline solution without metals (pH > 12.5
RCRA Code: D002
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0365
Waste Quantity: 73
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171212

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001721638PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.083
Waste Quantity:	166
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171212
Creation Date:	7/5/2018 18:32:15
Receipt Date:	20171218
Manifest ID:	001721638PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.019
Waste Quantity:	38
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171212
Creation Date:	7/5/2018 18:32:15
Receipt Date:	20171218
Manifest ID:	001721638PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING

LOWE'S OF CORONA #1743 (Continued) **S113129293**

TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0785
Waste Quantity:	157
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20171212
Creation Date:	7/5/2018 18:32:15
Receipt Date:	20171218
Manifest ID:	001721638PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0665
Waste Quantity:	133
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171212
Creation Date:	7/5/2018 18:32:15
Receipt Date:	20171218
Manifest ID:	001721638PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001721638PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001721638PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0475
Waste Quantity:	95
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Additional Code 5:	Not reported
Shipment Date:	20171212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001721638PSC
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217000
Trans 2 Name:	LA CHIQUITA TRUCKING
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0095
Waste Quantity:	19
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000276784
Shipment Date:	20151119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0395
Waste Quantity:	79
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D007
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20151119
Creation Date:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Receipt Date:	Not reported
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0245
Waste Quantity:	49
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D008
Additional Code 3:	D006
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0115
Waste Quantity:	23
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151119
Creation Date:	2/5/2016 22:15:30
Receipt Date:	20151130
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC

LOWE'S OF CORONA #1743 (Continued) **S113129293**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0145
Waste Quantity:	29
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151119
Creation Date:	2/5/2016 22:15:30
Receipt Date:	20151130
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.018
Waste Quantity:	36
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151119
Creation Date:	2/5/2016 22:15:30
Receipt Date:	20151130
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.073

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Waste Quantity:	146
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D005
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151119
Creation Date:	2/5/2016 22:15:30
Receipt Date:	20151130
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.6805
Waste Quantity:	1361
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151119
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001146636PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.127
Waste Quantity:	254
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Shipment Date:	20150828
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001092992PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0325
Waste Quantity:	65
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150828
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	001092992PSC
Trans EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	LOWE'S #1743
Address:	1285 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Site ID:	131558
CERS ID:	10411207
CERS Description:	Chemical Storage Facilities

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Violations:

Site ID:	131558
Site Name:	Lowe's #1743
Violation Date:	06-10-2016
Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description:	Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes:	Returned to compliance on 07/21/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS

Site ID:	131558
Site Name:	Lowe's #1743
Violation Date:	08-28-2015
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 09/29/2015. No documentation of refresher training.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	131558
Site Name:	Lowe's #1743
Violation Date:	08-28-2015
Citation:	HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
Violation Description:	Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes:	Returned to compliance on 09/29/2015. Add fertilizer waste 55 gal. drum.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	131558
Site Name:	Lowe's #1743
Violation Date:	08-28-2015
Citation:	19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description:	Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes:	Returned to compliance on 09/29/2015. Hazmat cage should be inside building.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	131558
Site Name:	Lowe's #1743

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Violation Date: 06-10-2016
Citation: 22 CCR 12 66262.20 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.20
Violation Description: Failure to prepare a Uniform Hazardous Waste Manifest and, if necessary, a Continuation Sheet, before the transport of a hazardous waste off-site for transfer, treatment, storage, or disposal.
Violation Notes: Returned to compliance on 07/21/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 131558
Site Name: Lowe's #1743
Violation Date: 06-10-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to discuss in the SPCC Plan procedures to test or inspect each aboveground container for integrity in accordance with industry standards: 1. On a regular schedule. 2. After material repairs are made. 3. By qualified personnel. 4. The frequency and type of testing and inspections based on container size, configuration, and design.
Violation Notes: Returned to compliance on 07/21/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 131558
Site Name: Lowe's #1743
Violation Date: 06-10-2016
Citation: HSC 6.67 25270.6(b) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(b)
Violation Description: Failure to pay the APSA Program fee.
Violation Notes: Returned to compliance on 09/29/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 131558
Site Name: Lowe's #1743
Violation Date: 06-10-2016
Citation: HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description: Failure to maintain a valid permit.
Violation Notes: Returned to compliance on 07/21/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-10-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	New APSA facility inspection at Lowes #1743 1285 Magnolia Corona CA 92879
Eval Division:	Riverside County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-31-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-31-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	- Facility is a retail store and generate incidental waste from product returns, damaged products, and spills. Facility is also a recycling center and collects bulbs and batteries from the public. - Training is conducted online (annually). M. Suh was able to view Manager's hazardous waste training. - Facility's waste hauler is Stericycle. - Managers only have access to hazardous waste area.
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-24-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-28-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	131558
Site Name:	Lowe's #1743
Site Address:	1285 MAGNOLIA AVE
Site City:	CORONA
Site Zip:	92879

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Enf Action Date:	08-28-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Corona Fire Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Coordinates:

Site ID:	131558
Facility Name:	Lowe's #1743
Env Int Type Code:	HWG
Program ID:	10411207
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.868240
Longitude:	-117.541720

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	LOWE'S Home Centers, LLC
Entity Title:	Not reported
Affiliation Address:	1000 Lowe's Blvd.
Affiliation City:	Mooresville
Affiliation State:	NC
Affiliation Country:	United States
Affiliation Zip:	28117
Affiliation Phone:	(704) 758-6033

Affiliation Type Desc:	Property Owner
Entity Name:	Lowe's Home Centers, LLC
Entity Title:	Not reported
Affiliation Address:	1000 Lowe's Blvd.
Affiliation City:	Mooresville
Affiliation State:	NC
Affiliation Country:	United States
Affiliation Zip:	28117
Affiliation Phone:	(704) 758-6033

Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055

Affiliation Type Desc:	Document Preparer
Entity Name:	APTIM
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2603 Main St., Suite 700
Affiliation City: Irvine
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92614
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Laurie Litwin
Entity Title: Regional Environmental Compliance Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Laurie Litwin
Entity Title: Not reported
Affiliation Address: 2603 Main St., Suite 700
Affiliation City: Irvine
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92614
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: LOWE'S Home Centers, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: LOWE'S Home Centers, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (951) 256-9004

HWTS:
Name: LOWES - CORONA #1743
Address: 1285 MAGNOLIA AVE

LOWE'S OF CORONA #1743 (Continued) **S113129293**

Address 2:	Not reported
City,State,Zip:	CORONA, CA 92879
EPA ID:	CAL000276784
Inactive Date:	01/25/2017
Create Date:	12/05/2003
Last Act Date:	08/27/2019
Mailing Name:	BOBBI TENBORG
Mailing Address:	1000 LOWE'S BLVD
Mailing Address 2:	MAIL CODE A3WLP
Mailing City,State,Zip:	MOORESVILLE, NC 281170000
Owner Name:	LOWES HOME CENTERS, LLC
Owner Address:	1000 LOWE'S BLVD
Owner Address 2:	MAIL CODE A3WLP
Owner City,State,Zip:	MOORESVILLE, NC 281170000
Contact Name:	ROB GASS
Contact Address:	1000 LOWE'S BLVD
Contact Address 2:	MAILCODE: A3WLP
City,State,Zip:	MOORESVILLE, NC 28117

NAICS:

EPA ID:	CAL000276784
Create Date:	2005-03-08 14:50:00.000
NAICS Code:	44419
NAICS Description:	Other Building Material Dealers
Issued EPA ID Date:	2003-12-05 14:28:41.22300
Inactive Date:	2017-01-25 00:00:00
Facility Name:	LOWES - CORONA #1743
Facility Address:	1285 MAGNOLIA AVE
Facility Address 2:	Not reported
Facility City:	CORONA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92879

L59 **SIX PAC RECYCLING CORP** **SWRCY** **S105089179**
North **1430 E 6TH ST** **PROC** **N/A**
1/8-1/4 **CORONA, CA 92879** **CIWQS**
0.169 mi.
890 ft. **Site 2 of 10 in cluster L**

Relative:
Lower

Actual:
637 ft.

SWRCY:

Name:	SIX PAC RECYCLING CORP
Address:	1430 E 6TH ST
City,State,Zip:	CORONA, CA 92879
Reg Id:	27248
Cert Id:	RC2750
Mailing Address:	1430 E 6th St
Mailing City:	Corona
Mailing State:	CA
Mailing Zip Code:	92879
Website:	Not reported
Email:	Not reported
Phone Number:	(951) 734-2910x24
Rural:	N
Operation Begin Date:	11/02/1988
Aluminium:	Y
Glass:	Y

SIX PAC RECYCLING CORP (Continued) **S105089179**

Plastic:	Y
Bimetal:	Y
Hours of Operation:	Mon - Fri 8:00 am - 4:30 pm; Sat 8:00 am - 2:00 pm; Sun Closed
Organization ID:	18821
Organization Name:	Six Pac Recycling Corp

PROC:

Name:	SIX PAC RECYCLING CORP
Address:	1430 E 6TH ST
City,State,Zip:	CORONA, CA 92879
Reg Id:	18821
Cert Id:	PR0295
Organization Id:	Not reported
Organization Name:	Six Pac Recycling Corp
Mailing Address:	1430 E 6th St
Mailing City:	Corona
Mailing State:	CA
Mailing Zip Code:	92879
Website:	Not reported
Email:	Not reported
Phone Number:	(951) 734-2910x24
Rural:	N/A
Operation Begin Date:	03/31/1999
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	N
Hours of Operation:	Mon - Fri 8:00 am - 4:30 pm; Sat 8:00 am - 2:00 pm; Sun Closed

CIWQS:

Name:	SIX PAC RECYCLING CORP
Address:	1430 E 6TH ST
City,State,Zip:	CORONA, CA 92879
Agency:	Six Pac Recycling Corp
Agency Address:	1430 E 6th St, Corona, CA 92879
Place/Project Type:	Industrial - Scrap and Waste Materials
SIC/NAICS:	5093
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 33I020161
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	03/29/2006
Termination Date:	05/11/2012
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.87376
Longitude:	-117.53778

L60 **FRS ENVIRONMENTAL, INC.** **RCRA NonGen / NLR** **1024801102**
North **1414 E. 6TH ST.** **CAL000224539**
1/8-1/4 **CORONA, CA 92879**
0.169 mi.
890 ft. **Site 3 of 10 in cluster L**

Relative: **Lower**

Actual: **637 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2018-07-02 00:00:00.0
Handler Name:	FRS ENVIRONMENTAL, INC.	
Handler Address:		1414 E. 6TH ST.
Handler City,State,Zip:		CORONA, CA 92879
EPA ID:		CAL000224539
Contact Name:		MICHELLE VOSS
Contact Address:		E. 6TH ST.
Contact City,State,Zip:		CORONA, CA 92879
Contact Telephone:		951-898-1888
Contact Fax:		Not reported
Contact Email:		M.VOSS@FRSENVIRONMENTAL.COM
Contact Title:		PRESIDENT
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		E. 6TH ST.
Mailing City,State,Zip:		CORONA, CA 92879
Owner Name:		MICHELLE VOSS
Owner Type:		Private
Operator Name:		MICHELLE VOSS
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		Yes
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

FRS ENVIRONMENTAL, INC. (Continued) **1024801102**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-07-02 16:21:17.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MICHELLE VOSS
Legal Status:	Private
Date Became Current:	2018-07-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1414 E. 6TH ST.
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MICHELLE VOSS
Legal Status:	Private
Date Became Current:	2018-07-02 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1414 E. 6TH ST.
Owner/Operator City,State,Zip:	CORONA, CA 92879

FRS ENVIRONMENTAL, INC. (Continued) **1024801102**

Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2018-07-02 00:00:00.0
Handler Name: FRS ENVIRONMENTAL, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 562112
NAICS Description: HAZARDOUS WASTE COLLECTION

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 2003-12-02 00:00:00.0
Actual Return to Compliance Date: 2003-12-02 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 2003-12-02 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

FRS ENVIRONMENTAL, INC. (Continued) **1024801102**

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - General
Date Violation was Determined: 2014-01-24 00:00:00.0
Actual Return to Compliance Date: 2014-01-24 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 2014-01-24 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - General
Date Violation was Determined: 2014-01-24 00:00:00.0
Actual Return to Compliance Date: 2014-01-27 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 201
Date of Enforcement Action: 2014-01-24 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

FRS ENVIRONMENTAL, INC. (Continued) **1024801102**

Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Transporters - General
Date Violation was Determined: 2003-12-02 00:00:00.0
Actual Return to Compliance Date: 2003-12-02 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 2003-12-02 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

FRS ENVIRONMENTAL, INC. (Continued) **1024801102**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2003-12-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2003-12-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2014-01-24 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2014-01-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2014-01-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2003-12-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2003-12-02 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

FRS ENVIRONMENTAL, INC. (Continued) **1024801102**

Former Citation: Not reported

L61 **SIX-PAC RECYCLING CORPORATION** **RCRA-SQG** **1004675517**
North **1430 E SIXTH ST** **FINDS** **CAR000073924**
1/8-1/4 **CORONA, CA 92879** **NPDES**
0.169 mi. **CIWQS**
890 ft. **Site 4 of 10 in cluster L** **CERS**

Relative: **Lower**
Actual: **637 ft.**

RCRA-SQG:

Date Form Received by Agency:	2000-05-24 00:00:00.0
Handler Name:	SIX PAC RECYCLING CORP
Handler Address:	1430 E SIXTH ST
Handler City,State,Zip:	CORONA, CA 92879
EPA ID:	CAR000073924
Contact Name:	GILBERTO VALENZUELA
Contact Address:	1430 E SIXTH ST
Contact City,State,Zip:	CORONA, CA 91719
Contact Telephone:	909-734-2910
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1430 E SIXTH ST
Mailing City,State,Zip:	CORONA, CA 91719
Owner Name:	SIX PAC RECYCLING CORP
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No

SIX-PAC RECYCLING CORPORATION (Continued) **1004675517**

Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:36:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIX PAC RECYCLING CORP
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1430 E SIXTH ST
Owner/Operator City,State,Zip:	CORONA, CA 91719
Owner/Operator Telephone:	909-734-2910
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SIX-PAC RECYCLING CORPORATION (Continued) **1004675517**

Historic Generators:
Receive Date: 2000-05-24 00:00:00.0
Handler Name: SIX PAC RECYCLING CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110008288717

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

NPDES:
Name: SIX PAC RECYCLING
Address: 1430 E SIXTH ST

SIX-PAC RECYCLING CORPORATION (Continued) **1004675517**

City,State,Zip:	CORONA, CA 92879
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 33MR000010
Regulatory Measure Type:	Region 8 - Scrap Metal Permit
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	12/19/2018
Operator Name:	Six Pac Recycling
Operator Address:	1430 E Sixth Street
Operator City:	Corona
Operator State:	California
Operator Zip:	92879

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	426975
Order Number:	Not reported
Regulatory Measure Type:	Region 8 - Scrap Metal Permit
Place ID:	Not reported
WDID:	8 33MR000010
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2012
Processed Date:	05/11/2012
Status:	Active
Status Date:	05/11/2012
Place Size:	1.66
Place Size Unit:	Acres
Contact:	Ben Benson
Contact Title:	Not reported
Contact Phone:	951-734-2910
Contact Phone Ext:	Not reported

SIX-PAC RECYCLING CORPORATION (Continued) **1004675517**

Contact Email:	bbenson@sixpacrecycling.com
Operator Name:	Six Pac Recycling
Operator Address:	1430 E Sixth Street
Operator City:	Corona
Operator State:	California
Operator Zip:	92879
Operator Contact:	Ben Benson
Operator Contact Title:	Not reported
Operator Contact Phone:	951-734-2910
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	bbenson@sixpacrecycling.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported
Certifier:	Benjamin Benson
Certifier Title:	Presdent
Certification Date:	09-MAY-12
Primary Sic:	5093-Scrap and Waste Materials
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	426975
Order Number:	Not reported
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33MR000010
Program Type:	Region 8 - Scrap Metal Permit

SIX-PAC RECYCLING CORPORATION (Continued) **1004675517**

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/11/2012
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Six Pac Recycling
Discharge Address:	1430 E Sixth Street
Discharge City:	Corona
Discharge State:	California
Discharge Zip:	92879
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported

SIX-PAC RECYCLING CORPORATION (Continued) **1004675517**

Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	SIX PAC RECYCLING
Address:	1430 E SIXTH ST
City,State,Zip:	CORONA, CA 92879
Facility Status:	Active
NPDES Number:	Not reported
Region:	8
Agency Number:	0
Regulatory Measure ID:	426975
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 33MR000010
Regulatory Measure Type:	Enrollee
Program Type:	Region 8 - Scrap Metal Permit
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/11/2012
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1430 E Sixth Street
Discharge Name:	Six Pac Recycling
Discharge City:	Corona
Discharge State:	California
Discharge Zip:	92879
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	426975
Order Number:	Not reported
Regulatory Measure Type:	Region 8 - Scrap Metal Permit
Place ID:	Not reported
WDID:	8 33MR000010
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported

SIX-PAC RECYCLING CORPORATION (Continued) **1004675517**

Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2012
Processed Date:	05/11/2012
Status:	Active
Status Date:	05/11/2012
Place Size:	1.66
Place Size Unit:	Acres
Contact:	Ben Benson
Contact Title:	Not reported
Contact Phone:	951-734-2910
Contact Phone Ext:	Not reported
Contact Email:	bbenson@sixpacrecycling.com
Operator Name:	Six Pac Recycling
Operator Address:	1430 E Sixth Street
Operator City:	Corona
Operator State:	California
Operator Zip:	92879
Operator Contact:	Ben Benson
Operator Contact Title:	Not reported
Operator Contact Phone:	951-734-2910
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	bbenson@sixpacrecycling.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported
Certifier:	Benjamin Benson
Certifier Title:	Presdent
Certification Date:	09-MAY-12
Primary Sic:	5093-Scrap and Waste Materials
Secondary Sic:	Not reported

SIX-PAC RECYCLING CORPORATION (Continued) **1004675517**

Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	426975
Order Number:	Not reported
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33MR000010
Program Type:	Region 8 - Scrap Metal Permit
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/11/2012
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Six Pac Recycling
Discharge Address:	1430 E Sixth Street
Discharge City:	Corona
Discharge State:	California
Discharge Zip:	92879
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported

SIX-PAC RECYCLING CORPORATION (Continued) **1004675517**

Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	SIX PAC RECYCLING
Address:	1430 E SIXTH ST
City,State,Zip:	CORONA, CA 92879
Agency:	Six Pac Recycling
Agency Address:	1430 E Sixth Street, Corona, CA 92879
Place/Project Type:	Industrial - Scrap and Waste Materials
SIC/NAICS:	5093
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Region 8 - Scrap Metal Permit
Order Number:	R8-2012-0012
WDID:	8 33MR000010
NPDES Number:	CAG618001
Adoption Date:	01/01/1900
Effective Date:	05/11/2012
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	1
Latitude:	33.873575
Longitude:	-117.5374

CERS:

Name:	SIX PAC RECYCLING
Address:	1430 E SIXTH ST
City,State,Zip:	CORONA, CA 92879
Site ID:	542603
CERS ID:	816736

SIX-PAC RECYCLING CORPORATION (Continued) **1004675517**

CERS Description: Industrial Facility Storm Water

Violations:

Site ID: 542603
Site Name: Six Pac Recycling
Violation Date: 02-25-2015
Citation: R8-2012-0012 - Scrap Metal Recyclers Permit
Violation Description: SW - Failure to Notify
Violation Notes: Discharger exceeded the copper Numeric Action Level by at least twice, failed to notify Regional Board of the exceedance, and failed to submit a Corrective Action Plan as required.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 542603
Site Name: Six Pac Recycling
Violation Date: 08-02-2013
Citation: R8-2012-0012 - Scrap Metal Recyclers Permit
Violation Description: SW - Late Report
Violation Notes: Failure to submit 2012-2013 Annual Report by 8/1/13 due date.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2016
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: I spoke to owner Ben Benson, of the requirements of the permit and his sampling results. We also spoke of the annual employee training requirement. Ben stated in the past he talks to his employees about stormwater and actions that need to be taken in the event a storm is projected to occur in the near future. I stated to Ben to begin documenting date and attendance of when to who the training was given to. Present was; a) SWPPP b) Monthly visual inspection reports (last one 06/10/2016) c) Rain Event Action plan/checklist is part of their Monthly inspection form. d) COCs (last one 9/16/2015) e) Wet weather inspection (5/5/2016) f) Daily sweeping Log (to be filled out) Missing was; a) Employee training sheet
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-16-2015
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Mr. Benson has constructed an integrated stormwater capture system. All stormwater is captured onsite. Mr. Benson is the Legally Responsible Person (LRP) and is SM-QSD certified. Several large tanks are used to store stormwater until it can be treated. The Advanced Treatment System (ATS) is used to treat storm water. Mr. Benson also designed and constructed several large covers and utilized them to prevent stormwater contamination (see photograhs on attached inspection report). In regards to his Storm Water Pollution Prevention

SIX-PAC RECYCLING CORPORATION (Continued) **1004675517**

Plan (SWPPP), They have REAP, QAPP, Spill response plan, and hazardous material handling procedures, in SWPPP binder. They have COC and lab results in SWPPP binder (last sample was 5/14/15). They have visual inspection report records and are to incoporate a more formal storm water trainng for employees.

Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Enforcement Action:
Site ID: 542603
Site Name: Six Pac Recycling
Site Address: 1430 E SIXTH ST
Site City: CORONA
Site Zip: 92879
Enf Action Date: 06-29-2015
Enf Action Type: Staff Enforcement Letter
Enf Action Description: Staff Enforcement Letter
Enf Action Notes: Numeric Action Level exceedance without submittal of Phase III Corrective Action Plan.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Site ID: 542603
Site Name: Six Pac Recycling
Site Address: 1430 E SIXTH ST
Site City: CORONA
Site Zip: 92879
Enf Action Date: 09-04-2013
Enf Action Type: Industrial Storm Water Enforcement
Enf Action Description: Industrial Storm Water Enforcement
Enf Action Notes: Failure to submit 2012-2013 Annual Report by 8/1/13 due date.
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Six Pac Recycling
Entity Title: Operator
Affiliation Address: 1430 E Sixth Street
Affiliation City: Corona
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92879
Affiliation Phone: Not reported

L62 **SIX-PAC RECYCLING CORPORATION** **RCRA NonGen / NLR** **1024786981**
North **1430 E 6TH ST** **CAL000026569**
1/8-1/4 **CORONA, CA 92879**
0.169 mi.
890 ft. **Site 5 of 10 in cluster L**

Relative: **Lower**

Actual: **637 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	1990-05-10 00:00:00.0
Handler Name:	SIX-PAC RECYCLING CORPORATION
Handler Address:	1430 E 6TH ST
Handler City,State,Zip:	CORONA, CA 92879-1713
EPA ID:	CAL000026569
Contact Name:	BENJAMIN BENSON
Contact Address:	1430 E 6TH ST
Contact City,State,Zip:	CORONA, CA 92879
Contact Telephone:	951-734-2910
Contact Fax:	951-734-1012
Contact Email:	CLIGHT@SIXPACRECYCLING.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1430 E 6TH ST
Mailing City,State,Zip:	CORONA, CA 92879-1713
Owner Name:	SIX-PAC RECYCLING CORPORATION
Owner Type:	Other
Operator Name:	BENJAMIN BENSON
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SIX-PAC RECYCLING CORPORATION (Continued) **1024786981**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:41:11.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BENJAMIN BENSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1430 E 6TH ST
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-734-2910
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIX-PAC RECYCLING CORPORATION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1430 E 6TH ST
Owner/Operator City,State,Zip:	CORONA, CA 92879-1713
Owner/Operator Telephone:	951-734-2910
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SIX-PAC RECYCLING CORPORATION (Continued) **1024786981**

Historic Generators:
- Receive Date: 1990-05-10 00:00:00.0
- Handler Name: SIX-PAC RECYCLING CORPORATION
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 42193
- NAICS Description: RECYCLABLE MATERIAL WHOLESALERS

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

L63 **SIX PAC RECYCLING CORP** **CERS HAZ WASTE** **S113174989**
North **1430 E 6TH ST** **HAZNET** **N/A**
1/8-1/4 **CORONA, CA 92879** **CERS**
0.169 mi. **HWTS**
890 ft. **Site 6 of 10 in cluster L**

Relative: **Lower**
Actual: **637 ft.**

CERS HAZ WASTE:
- Name: SIX-PAC RECYCLING CORP.
- Address: 1430 E 6TH ST
- City,State,Zip: CORONA, CA 92879
- Site ID: 153886
- CERS ID: 10454623
- CERS Description: Hazardous Waste Generator

HAZNET:
- Name: SIX PAC RECYCLING CORP
- Address: 1430 E 6TH ST
- Address 2: Not reported
- City,State,Zip: CORONA, CA 928791713
- Contact: GILBERTO VALENZUELA PRESIDENT
- Telephone: 9097342910
- Mailing Name: Not reported
- Mailing Address: 1430 E 6TH ST

- Year: 2001
- Gepaid: CAR000073924
- TSD EPA ID: CAT000613927
- CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
- Disposal Method: H01 - Transfer Station

SIX PAC RECYCLING CORP (Continued) **S113174989**

Tons: 0.063

Additional Info:
Year: 2001
Gen EPA ID: CAR000073924

Shipment Date: 20010119
Creation Date: 3/22/2001 0:00:00
Receipt Date: 20010119
Manifest ID: 20355310
Trans EPA ID: SCR000075150
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT000613927
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Meth Code: H01 - Transfer Station
Quantity Tons: 0.063
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: SIX-PAC RECYCLING CORP.
Address: 1430 E 6TH ST
City,State,Zip: CORONA, CA 92879
Site ID: 153886
CERS ID: 10454623
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 153886
Site Name: Six-Pac Recycling Corp.
Violation Date: 05-05-2017
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 05/13/2017. 104A- Change blue to 2, placard needed on propane cage, one needed on back warehouse (use O2 ratings), one for chopper room.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 153886
Site Name: Six-Pac Recycling Corp.
Violation Date: 05-12-2020
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter

SIX PAC RECYCLING CORP (Continued) **S113174989**

6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. Update Hazardous materials inventories on site and submit into CERS for review and approval by 6/12/20.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 153886
Site Name: Six-Pac Recycling Corp.
Violation Date: 05-12-2020
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 05/13/2020. Failure to complete and electronically submit a site map with all required content. Update your site map and submit into CERS, ensure all required elements are included: North Orientation, Loading areas, Internal Roads, Adjacent streets, Storm and sewer drains, Access and exit points, Emergency shutoffs, Evacuation staging areas, Hazardous Materials handling and storage locations and, Emergency Response Equipment (hydrants, riser, alarm panel, extinguishers, spill kit, ect.). All text must be oriented in the same direction and a legend is required if using symbols. If hand drawn use a straight edge. Submit by 6/12/20.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 153886
Site Name: Six-Pac Recycling Corp.
Violation Date: 05-05-2017
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 05/13/2017. Give refresher training ASAP, send training log to ab@ggcorp.net
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 153886
Site Name: Six-Pac Recycling Corp.
Violation Date: 05-05-2017
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

SIX PAC RECYCLING CORP (Continued) **S113174989**

Violation Notes:	Returned to compliance on 06/08/2017. Change- LPG- Max daily= 134 gal. Remove- Lubricating Grease. Change- Oxygen- Max daily= 4400 cu ft.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	153886
Site Name:	Six-Pac Recycling Corp.
Violation Date:	05-12-2020
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. Update and submit a complete hazardous materials business plan into CERS for review and approval by 6/12/20.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	153886
Site Name:	Six-Pac Recycling Corp.
Violation Date:	05-05-2017
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 06/08/2017. 105D- Stacked drums need to be labeled as empty. (VIOLATION REMOVED-AB)
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	153886
Site Name:	Six-Pac Recycling Corp.
Violation Date:	05-12-2020
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 05/13/2020. Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material. Update your emergency response / contingency plan and submit into CERS for review and approval by 6/12/20.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	153886
Site Name:	Six-Pac Recycling Corp.
Violation Date:	05-05-2017
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit a site map with all

SIX PAC RECYCLING CORP (Continued) **S113174989**

	required content.
Violation Notes:	Returned to compliance on 06/08/2017. Not accepted, update w/ 2015 state requirements.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Other/Unknown
Eval Date:	02-13-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-05-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	05-12-2020
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	E Inspect
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	06-08-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-10-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	- Unable to obtain signature due to COVID-19 restrictions. - Inspection report will be sent to e-mail address provided by the manager. - Facility is a recycling center and generates the following waste streams (not limited to): used oil, contaminated absorbent, e-waste - Facility's waste hauler is FRS Environmental - Soiled textiles are laundered through Aramark
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

SIX PAC RECYCLING CORP (Continued) **S113174989**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-05-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-17-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	No violations noted during this inspection.
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Coordinates:

Site ID:	153886
Facility Name:	Six-Pac Recycling Corp.
Env Int Type Code:	HWG
Program ID:	10454623
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.873680
Longitude:	-117.537580

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1430 E. Sixth St.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Cleon E. Benson III
Entity Title:	Not reported
Affiliation Address:	1428 E. Sixth St.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92879
Affiliation Phone:	(951) 734-2910

Affiliation Type Desc:	Environmental Contact
Entity Name:	Benjamin Benson
Entity Title:	Not reported
Affiliation Address:	1430 E. Sixth St.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported

SIX PAC RECYCLING CORP (Continued) **S113174989**

Affiliation Zip: 92879
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Benjamin Benson
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Six-Pac Recycling Corp.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503
Affiliation Phone: (951) 358-5055

Affiliation Type Desc: Operator
Entity Name: Benjamin Benson
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (951) 734-2910

HWTS:
Name: SIX PAC RECYCLING CORP
Address: 1430 E 6TH ST
Address 2: Not reported
City,State,Zip: CORONA, CA 928791713
EPA ID: CAR000073924
Inactive Date: 06/30/2005
Create Date: 04/03/2001
Last Act Date: 04/11/2006
Mailing Name: GILBERTO VALENZUELA
Mailing Address: 1430 E 6TH ST
Mailing Address 2: Not reported
Mailing City,State,Zip: CORONA, CA 928791713

SIX PAC RECYCLING CORP (Continued) **S113174989**

Owner Name: GILBERTO VALENZUELA PRESIDENT
Owner Address: 1430 E 6TH ST
Owner Address 2: Not reported
Owner City,State,Zip: CORONA, CA 928791713
Contact Name: GILBERTO VALENZUELA PRESIDENT
Contact Address: 1430 E 6TH ST
Contact Address 2: Not reported
City,State,Zip: CORONA, CA 928791713

NAICS:
EPA ID: CAR000073924
Create Date: 2002-03-14 16:36:30.000
NAICS Code: 42193
NAICS Description: Recyclable Material Wholesalers
Issued EPA ID Date: 2001-04-03 00:00:00
Inactive Date: 2005-06-30 10:01:00
Facility Name: SIX PAC RECYCLING CORP
Facility Address: 1430 E 6TH ST
Facility Address 2: Not reported
Facility City: CORONA
Facility County: Not reported
Facility State: CA
Facility Zip: 928791713

L64 **FRS ENVIRONMENTAL INC.** **HWT** **S121021423**
North **1414 EAST SIXTH STREET** **N/A**
1/8-1/4 **CORONA, CA 92879**
0.169 mi.
890 ft. **Site 7 of 10 in cluster L**

Relative: HWT:
Lower Name: FRS ENVIRONMENTAL INC.
Actual: Address: 1414 EAST SIXTH STREET
637 ft. City,State,Zip: CORONA, CA 92879
Reg Num: 3711
Expiration Date: 05/31/2021

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65 **PRODUCTION PARTNERS CHEMICAL CO INC DBA AM & ASSOC** **RCRA NonGen / NLR** **1024824066**
SE **1223 SHERBORN ST STE 101** **CAL000346225**
1/8-1/4 **CORONA, CA 92879**
0.174 mi.
919 ft.

Relative: RCRA NonGen / NLR:
Higher Date Form Received by Agency: 2009-09-01 00:00:00.0
Actual: Handler Name: PRODUCTION PARTNERS CHEMICAL CO INC DBA AM & ASSOCIATES
651 ft. Handler Address: 1223 SHERBORN ST STE 101
Handler City,State,Zip: CORONA, CA 92879-5009
EPA ID: CAL000346225
Contact Name: ERIC HOLE
Contact Address: 1223 SHERBORN ST STE 101
Contact City,State,Zip: CORONA, CA 92879
Contact Telephone: 951-808-0600
Contact Fax: 951-808-0666
Contact Email: ERIC@PPLC.NET
Contact Title: Not reported

PRODUCTION PARTNERS CHEMICAL CO INC DBA AM & ASSOCIATES (Continued) **1024824066**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1223 SHERBORN ST STE 101
Mailing City,State,Zip:	CORONA, CA 92879-5009
Owner Name:	PRODUCTION PARTNERS CHEMICAL CO INC
Owner Type:	Other
Operator Name:	ERIC HOLE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

PRODUCTION PARTNERS CHEMICAL CO INC DBA AM & ASSOCIATES (Continued) **1024824066**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:31:38.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ERIC HOLE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1223 SHERBORN ST STE 101
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-808-0600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PRODUCTION PARTNERS CHEMICAL CO INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1223 SHERBORN ST STE 101
Owner/Operator City,State,Zip:	CORONA, CA 92879-5009
Owner/Operator Telephone:	951-808-0600
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2009-09-01 00:00:00.0
Handler Name:	PRODUCTION PARTNERS CHEMICAL CO INC DBA AM & ASSOCIATES
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42269

PRODUCTION PARTNERS CHEMICAL CO INC DBA AM & ASSOCIATES (Continued) **1024824066**

NAICS Description: OTHER CHEMICAL AND ALLIED PRODUCTS WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L66 **1451 MAGNOLIA LLC** **RCRA-LQG** **1000299622**
North **1436 E 6TH ST** **CAD982500340**
1/8-1/4 **CORONA, CA 92879**
0.176 mi.
931 ft. **Site 8 of 10 in cluster L**

Relative: RCRA-LQG:
Lower

Actual: Date Form Received by Agency:		2011-02-23 00:00:00.0
640 ft. Handler Name:	1451 MAGNOLIA LLC	
Handler Address:		1436 E 6TH ST
Handler City,State,Zip:		CORONA, CA 92879
EPA ID:		CAD982500340
Contact Name:		ADAM SURNOW
Contact Address:		2049 CENTURY PARK E
Contact City,State,Zip:		LOS ANGELES, CA 90067
Contact Telephone:		310-553-8898
Contact Fax:		310-553-5847
Contact Email:		ASURNOW@SELIGMANGROUP.COM
Contact Title:		REGIONAL PROPERTY MGR
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		2049 CENTURY PARK E
Mailing City,State,Zip:		LOS ANGELES, CA 90067
Owner Name:		1451 MAGNOLIA LLC
Owner Type:		Private
Operator Name:		1451 MAGNOLIA LLC
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported

1451 MAGNOLIA LLC (Continued) **1000299622**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2011-03-14 17:23:19.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SELIGMAN WESTERN ENT LTD

1451 MAGNOLIA LLC (Continued) **1000299622**

Legal Status:	Private
Date Became Current:	2000-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2049 CENTURY PARK E
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90067
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	1451 MAGNOLIA LLC
Legal Status:	Private
Date Became Current:	2006-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SELIGMAN WESTERN ENT LTD
Legal Status:	Private
Date Became Current:	2000-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	2049 CENTURY PARK E
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90067
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	1451 MAGNOLIA LLC
Legal Status:	Private
Date Became Current:	2006-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	ONE TOWNE SQUARE NO 1913
Owner/Operator City,State,Zip:	SOUTHFIELD, MI 48076
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GUARANTEED RESOURCES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

1451 MAGNOLIA LLC (Continued) **1000299622**

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 1990-03-06 00:00:00.0
Handler Name: PREMIER WINDOW PRODUCTS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2010-08-23 00:00:00.0
Handler Name: SELIGMAN WESTERN ENT LTD
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2011-02-23 00:00:00.0
Handler Name: 1451 MAGNOLIA LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 23839
NAICS Description: OTHER BUILDING FINISHING CONTRACTORS

1451 MAGNOLIA LLC (Continued) **1000299622**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L67 **6TH AND CORONA** **SEMS** **1014236889**
North **1436 EAST 6TH ST.** **CAN000909049**
1/8-1/4 **CORONA, CA 92879**
0.176 mi.
931 ft. **Site 9 of 10 in cluster L**

Relative: **Lower**
Actual: **640 ft.**

SEMS:
Site ID: 0909049
EPA ID: CAN000909049
Name: 6TH AND CORONA
Address: 1436 EAST 6TH ST.
Address 2: Not reported
City,State,Zip: CORONA, CA 92879
Cong District: Not reported
FIPS Code: 06065
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:
Region: 09
Site ID: 0909049
EPA ID: CAN000909049
Site Name: 6TH AND CORONA
NPL: N
FF: N
OU: 00
Action Code: PJ
Action Name: RP EM REM
SEQ: 1
Start Date: 2010-08-02 05:00:00
Finish Date: 9/10/2010 4:00:00 AM
Qual: C
Current Action Lead: EPA Ovrsght

N68 **DOWNS ENERGY** **UST** **U004253120**
SSW **1226 MAGNOLIA AVE** **N/A**
1/8-1/4 **CORONA, CA 92879**
0.192 mi.
1013 ft. **Site 1 of 4 in cluster N**

Relative: **Higher**
Actual: **670 ft.**

UST:
Name: DOWNS ENERGY MAGNOLIA DIESEL (SITE 29)
Address: 1226 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Facility ID: FA0025310

DOWNS ENERGY (Continued) **U004253120**

Permitting Agency: Riverside County Department of Environmental Health
Latitude: 33.86541
Longitude: -117.53956

RIVERSIDE CO. UST:
Name: DOWNS ENERGY
Address: 1226 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Region: RIVERSIDE
Total Tanks: 4

N69 **DOWNS ENERGY** **RCRA NonGen / NLR** **1024798336**
SSW **1226 MAGNOLIA AVE** **CAL000200488**
1/8-1/4 **CORONA, CA 91719**
0.192 mi.
1013 ft. **Site 2 of 4 in cluster N**

Relative:
Higher

Actual:
670 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	1999-03-08 00:00:00.0
Handler Name: DOWNS ENERGY	
Handler Address:	1226 MAGNOLIA AVE
Handler City,State,Zip:	CORONA, CA 91719-0000
EPA ID:	CAL000200488
Contact Name:	KEN CALDWELL
Contact Address:	1296 MAGNOLIA AVE
Contact City,State,Zip:	CORONA, CA 92879
Contact Telephone:	951-256-8271
Contact Fax:	951-272-3369
Contact Email:	KEN.CALDWELL@DOWNSENERGY.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1296 MAGNOLIA AVE
Mailing City,State,Zip:	CORONA, CA 92879-2098
Owner Name:	DOWNS ENERGY
Owner Type:	Other
Operator Name:	KEN CALDWELL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes

DOWNS ENERGY (Continued) **1024798336**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:44:28.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DOWNS ENERGY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1296 MAGNOLIA AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879-2098
Owner/Operator Telephone:	951-737-9866
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DOWNS ENERGY (Continued) **1024798336**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEN CALDWELL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1296 MAGNOLIA AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-256-8271
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1999-03-08 00:00:00.0
Handler Name: DOWNS ENERGY	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42272
NAICS Description:	PETROLEUM AND PETROLEUM PRODUCTS WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

N70 **DOWNS ENERGY** **CERS HAZ WASTE** **S113103012**
SSW **1226 MAGNOLIA AVE** **CERS TANKS** **N/A**
1/8-1/4 **CORONA, CA 91719** **HAZNET**
0.192 mi. **CERS**
1013 ft. **Site 3 of 4 in cluster N** **HWTS**

Relative: Higher

Actual: 670 ft.

CERS HAZ WASTE:

Name:	DOWNS ENERGY MAGNOLIA DIESEL (SITE 29)
Address:	1226 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Site ID:	26300
CERS ID:	10476088
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	DOWNS ENERGY MAGNOLIA DIESEL (SITE 29)
Address:	1226 MAGNOLIA AVE

DOWNS ENERGY (Continued) **S113103012**

City,State,Zip: CORONA, CA 92879
Site ID: 26300
CERS ID: 10476088
CERS Description: Aboveground Petroleum Storage

Name: DOWNS ENERGY MAGNOLIA DIESEL (SITE 29)
Address: 1226 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Site ID: 26300
CERS ID: 10476088
CERS Description: Underground Storage Tank

HAZNET:
Name: DOWNS ENERGY
Address: 1226 MAGNOLIA AVE
Address 2: Not reported
City,State,Zip: CORONA, CA 928792098
Contact: KEN CALDWELL
Telephone: 9512568271
Mailing Name: Not reported
Mailing Address: 1296 MAGNOLIA AVE

Year: 2019
Gepaid: CAL000200488
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.88000

Year: 2018
Gepaid: CAL000200488
TSD EPA ID: CAT080013352
CA Waste Code: 133 - Aqueous solution with total organic residues 10 percent or more
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 9.42420

Year: 2018
Gepaid: CAL000200488
TSD EPA ID: AZR000515924
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 3.65000

Year: 2017
Gepaid: CAL000200488
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.22935

Year: 2017
Gepaid: CAL000200488
TSD EPA ID: CAD008252405

DOWNS ENERGY (Continued) **S113103012**

CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.55
Year:	2017
Gepaid:	CAL000200488
TSD EPA ID:	AZR000515924
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.25
Year:	2017
Gepaid:	CAL000200488
TSD EPA ID:	CAD008252405
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1
Year:	2017
Gepaid:	CAL000200488
TSD EPA ID:	CAD097030993
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.25
Year:	2016
Gepaid:	CAL000200488
TSD EPA ID:	CAD008252405
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.565
Year:	2016
Gepaid:	CAL000200488
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	7.56

Click this hyperlink while viewing on your computer to access
48 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2011
Gen EPA ID:	CAL000200488
Shipment Date:	20111028
Creation Date:	1/27/2012 20:30:21
Receipt Date:	20111109
Manifest ID:	009007854JJK

DOWNS ENERGY (Continued) **S113103012**

Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.34
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111027
Creation Date:	4/16/2012 20:30:13
Receipt Date:	20111109
Manifest ID:	009007780JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110915
Creation Date:	3/22/2012 20:30:33
Receipt Date:	20110928
Manifest ID:	009009763JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported

DOWNS ENERGY (Continued) **S113103012**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110809
Creation Date:	2/11/2012 20:30:14
Receipt Date:	20110817
Manifest ID:	009009257JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.15
Waste Quantity:	2300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110809
Creation Date:	10/22/2011 18:30:26
Receipt Date:	20110817
Manifest ID:	009009259JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.9174
Waste Quantity:	220

DOWNS ENERGY (Continued) **S113103012**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110701
Creation Date:	12/20/2011 18:30:15
Receipt Date:	20110713
Manifest ID:	009011010JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110302
Creation Date:	8/26/2011 18:30:13
Receipt Date:	20110309
Manifest ID:	008149354JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.5
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Shipment Date:	20110302
Creation Date:	5/5/2011 18:30:12
Receipt Date:	20110309
Manifest ID:	008149355JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000200488

Shipment Date:	20171226
Creation Date:	8/20/2018 18:30:18
Receipt Date:	20180103
Manifest ID:	018165382JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171226
Creation Date:	10/16/2018 18:30:53
Receipt Date:	20171229

DOWNS ENERGY (Continued) **S113103012**

Manifest ID:	018165381JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.7
Waste Quantity:	1400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171027
Creation Date:	11/8/2018 18:30:41
Receipt Date:	20171102
Manifest ID:	017730980JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1125
Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171004
Creation Date:	8/1/2018 18:31:24
Receipt Date:	20171013
Manifest ID:	017794247JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY

DOWNS ENERGY (Continued) **S113103012**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171004
Creation Date:	7/17/2018 18:30:28
Receipt Date:	20171010
Manifest ID:	017794188JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170905
Creation Date:	11/1/2018 18:30:30
Receipt Date:	20170915
Manifest ID:	017794574JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.5

DOWNS ENERGY (Continued) **S113103012**

Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170626
Creation Date:	7/12/2018 18:30:23
Receipt Date:	20170705
Manifest ID:	017452960JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170626
Creation Date:	7/12/2018 18:30:23
Receipt Date:	20170705
Manifest ID:	017452960JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Shipment Date:	20170612
Creation Date:	7/12/2018 18:30:13
Receipt Date:	20170621
Manifest ID:	017421659JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20170612
Creation Date:	7/12/2018 18:30:13
Receipt Date:	20170621
Manifest ID:	017421659JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000200488

Shipment Date:	20090908
Creation Date:	10/13/2009 18:30:21
Receipt Date:	20090910

DOWNS ENERGY (Continued) **S113103012**

Manifest ID:	005860827JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090908
Creation Date:	11/3/2009 18:30:08
Receipt Date:	20090916
Manifest ID:	005860828JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.099
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090908
Creation Date:	3/11/2010 18:30:17
Receipt Date:	20090916
Manifest ID:	005860631JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY

DOWNS ENERGY (Continued) **S113103012**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090720
Creation Date:	9/23/2009 18:30:38
Receipt Date:	20090729
Manifest ID:	005558405JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090720
Creation Date:	9/23/2009 18:30:38
Receipt Date:	20090729
Manifest ID:	005558405JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.099

DOWNS ENERGY (Continued) **S113103012**

Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090720
Creation Date:	9/23/2009 18:30:38
Receipt Date:	20090729
Manifest ID:	005558405JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090717
Creation Date:	9/9/2009 18:30:22
Receipt Date:	20090730
Manifest ID:	005558381JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Shipment Date:	20090717
Creation Date:	9/9/2009 18:30:22
Receipt Date:	20090730
Manifest ID:	005558381JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090714
Creation Date:	8/28/2009 18:30:09
Receipt Date:	20090722
Manifest ID:	005564477JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.3336
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090714
Creation Date:	8/28/2009 18:30:09
Receipt Date:	20090722
Manifest ID:	005564477JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000200488
Shipment Date:	20151216
Creation Date:	3/3/2016 22:15:11
Receipt Date:	20151221
Manifest ID:	015152645JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151214
Creation Date:	3/3/2016 22:15:11
Receipt Date:	20151218
Manifest ID:	008697444FLE
Trans EPA ID:	CAT080016116
Trans Name:	NIETO AND SONS TRUCKING INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported

DOWNS ENERGY (Continued) **S113103012**

TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.84
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	9/27/2016 18:31:13
Receipt Date:	20151216
Manifest ID:	015155180JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.25
Waste Quantity:	2500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20151214
Manifest ID:	015155177JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.68805
Waste Quantity:	165

DOWNS ENERGY (Continued) **S113103012**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	9/27/2016 18:31:13
Receipt Date:	20151216
Manifest ID:	015155180JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151005
Creation Date:	12/22/2015 22:15:21
Receipt Date:	20151012
Manifest ID:	014665563JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150902

DOWNS ENERGY (Continued) **S113103012**

Creation Date:	11/6/2015 22:15:31
Receipt Date:	20150911
Manifest ID:	014622345JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150902
Creation Date:	2/26/2016 22:15:47
Receipt Date:	20150909
Manifest ID:	014622344JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.85
Waste Quantity:	1700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150902
Creation Date:	11/6/2015 22:15:31
Receipt Date:	20150911
Manifest ID:	014622345JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

DOWNS ENERGY (Continued) **S113103012**

TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150624
Creation Date:	9/23/2015 22:15:22
Receipt Date:	20150630
Manifest ID:	014664122JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.60545
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000200488
Shipment Date:	20121114
Creation Date:	4/21/2013 22:15:04
Receipt Date:	20121126
Manifest ID:	000144773MWI
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.60545
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121114
Creation Date:	4/6/2013 22:15:07
Receipt Date:	20121127
Manifest ID:	000144778MWI
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120808
Creation Date:	1/12/2013 22:15:35
Receipt Date:	20120821
Manifest ID:	000119746MWI
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P

DOWNS ENERGY (Continued) **S113103012**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120808
Creation Date:	1/9/2013 22:15:17
Receipt Date:	20120810
Manifest ID:	000119512MWI
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120711
Creation Date:	6/1/2013 22:15:05
Receipt Date:	20120723
Manifest ID:	000119635MWI
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120420

DOWNS ENERGY (Continued) **S113103012**

Creation Date:	10/19/2012 22:15:28
Receipt Date:	20120501
Manifest ID:	000119305MWI
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.6
Waste Quantity:	5200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120420
Creation Date:	10/19/2012 22:15:28
Receipt Date:	20120501
Manifest ID:	000119305MWI
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAL000200488

Shipment Date:	20030821
Creation Date:	5/17/2005 9:25:35
Receipt Date:	Not reported
Manifest ID:	21845410

DOWNS ENERGY (Continued) **S113103012**

Trans EPA ID:	CAT080012800
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.01251
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030821
Creation Date:	5/17/2005 9:25:35
Receipt Date:	Not reported
Manifest ID:	21845410
Trans EPA ID:	CAT080012800
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.07923
Waste Quantity:	19
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030821
Creation Date:	5/17/2005 9:25:35
Receipt Date:	Not reported
Manifest ID:	21845410
Trans EPA ID:	CAT080012800
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5

DOWNS ENERGY (Continued) **S113103012**

RCRA Code:	D002
Meth Code:	- Not reported
Quantity Tons:	0.01251
Waste Quantity:	3
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000200488
Shipment Date:	20141229
Creation Date:	3/23/2015 22:15:20
Receipt Date:	20150107
Manifest ID:	013813783JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141229
Creation Date:	9/22/2015 22:15:09
Receipt Date:	20150107
Manifest ID:	013813782JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.75

DOWNS ENERGY (Continued) **S113103012**

Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141030
Creation Date:	4/9/2015 22:15:05
Receipt Date:	20141112
Manifest ID:	013090527JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141030
Creation Date:	4/9/2015 22:15:05
Receipt Date:	20141112
Manifest ID:	013090527JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Shipment Date:	20141030
Creation Date:	1/15/2015 22:14:55
Receipt Date:	20141112
Manifest ID:	013090531JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140711
Creation Date:	12/19/2014 22:15:01
Receipt Date:	20140723
Manifest ID:	013153533JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.65
Waste Quantity:	1300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140711
Creation Date:	9/30/2014 22:15:02
Receipt Date:	20140723
Manifest ID:	013079532JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140411
Creation Date:	10/22/2014 22:15:11
Receipt Date:	20140423
Manifest ID:	012420432JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140121
Creation Date:	6/24/2014 22:15:06
Receipt Date:	20140129
Manifest ID:	012407593JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.5
Waste Quantity: 1000
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140121
Creation Date: 6/24/2014 22:15:06
Receipt Date: 20140129
Manifest ID: 012407593JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.3
Waste Quantity: 600
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAL000200488

Shipment Date: 20131030
Creation Date: 4/5/2014 22:15:21
Receipt Date: 20131106
Manifest ID: 011816681JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1

DOWNS ENERGY (Continued) **S113103012**

Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131030
Creation Date:	1/11/2014 22:15:06
Receipt Date:	20131106
Manifest ID:	011816682JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131030
Creation Date:	4/5/2014 22:15:21
Receipt Date:	20131106
Manifest ID:	011816681JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F003
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.051
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Shipment Date:	20131018
Creation Date:	12/4/2013 22:15:18
Receipt Date:	20131018
Manifest ID:	011886108JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	5.421
Waste Quantity:	1300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130920
Creation Date:	2/18/2014 22:15:06
Receipt Date:	20131002
Manifest ID:	000197080MWI
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20130729
Creation Date:	11/21/2013 22:15:08
Receipt Date:	20130802
Manifest ID:	000165725MWI
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAD982440364

DOWNS ENERGY (Continued) **S113103012**

Trans 2 Name:	PFR ENVIRONMENTAL
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130319
Creation Date:	8/16/2013 22:15:19
Receipt Date:	20130327
Manifest ID:	000165625MWI
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1
Waste Quantity:	2000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130319
Creation Date:	8/15/2013 22:15:09
Receipt Date:	20130407
Manifest ID:	000165624MWI
Trans EPA ID:	CAR000176826
Trans Name:	HCI ENVIRONMENTAL & ENGINEERING SERVICE
Trans 2 EPA ID:	CAR000163824
Trans 2 Name:	TRIMSA USA INC
TSDF EPA ID:	02-IV-99-10
Trans Name:	RECICLADORA TEMARRY DE MEXICO SA DE CV
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000200488
Shipment Date:	20061110
Creation Date:	7/13/2007 18:30:28
Receipt Date:	20061122
Manifest ID:	001600151JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061110
Creation Date:	7/13/2007 18:30:28
Receipt Date:	20061122
Manifest ID:	001600151JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.45
Waste Quantity:	900

DOWNS ENERGY (Continued) **S113103012**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060523
Creation Date:	8/25/2006 18:36:07
Receipt Date:	20060531
Manifest ID:	24946878
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000200488
Shipment Date:	20071207
Creation Date:	3/6/2008 18:30:06
Receipt Date:	20071220
Manifest ID:	003561289JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.9
Waste Quantity:	1800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070727
Creation Date:	3/4/2008 18:30:48
Receipt Date:	20070808
Manifest ID:	003186596JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	3.6
Waste Quantity:	7200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000200488
Shipment Date:	20151216
Creation Date:	3/3/2016 22:15:11
Receipt Date:	20151221
Manifest ID:	015152645JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Shipment Date:	20151214
Creation Date:	3/3/2016 22:15:11
Receipt Date:	20151218
Manifest ID:	008697444FLE
Trans EPA ID:	CAT080016116
Trans Name:	NIETO AND SONS TRUCKING INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.84
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151208
Creation Date:	9/27/2016 18:31:13
Receipt Date:	20151216
Manifest ID:	015155180JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.25
Waste Quantity:	2500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151208
Creation Date:	9/27/2016 18:31:13
Receipt Date:	20151216
Manifest ID:	015155180JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	2/11/2016 22:15:11
Receipt Date:	20151214
Manifest ID:	015155177JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151005
Creation Date:	12/22/2015 22:15:21
Receipt Date:	20151012
Manifest ID:	014665563JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid

DOWNS ENERGY (Continued) **S113103012**

	Regeneration, Organics Recovery Ect
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150902
Creation Date:	11/6/2015 22:15:31
Receipt Date:	20150911
Manifest ID:	014622345JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150902
Creation Date:	2/26/2016 22:15:47
Receipt Date:	20150909
Manifest ID:	014622344JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.85
Waste Quantity:	1700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150902
Creation Date:	11/6/2015 22:15:31
Receipt Date:	20150911
Manifest ID:	014622345JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150624
Creation Date:	9/23/2015 22:15:22
Receipt Date:	20150630
Manifest ID:	014664122JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.60545
Waste Quantity:	385
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000200488
Shipment Date:	20101122

DOWNS ENERGY (Continued) **S113103012**

Creation Date:	5/26/2011 18:30:11
Receipt Date:	20101201
Manifest ID:	008032097JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.375
Waste Quantity:	750
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101122
Creation Date:	2/18/2011 18:30:08
Receipt Date:	20101201
Manifest ID:	008032098JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.51
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101122
Creation Date:	2/18/2011 18:30:08
Receipt Date:	20101201
Manifest ID:	008032098JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

DOWNS ENERGY (Continued) **S113103012**

TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101122
Creation Date:	2/18/2011 18:30:08
Receipt Date:	20101201
Manifest ID:	008032098JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100715
Creation Date:	1/26/2011 18:30:24
Receipt Date:	20100728
Manifest ID:	006519149JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

DOWNS ENERGY (Continued) **S113103012**

Quantity Tons:	0.1625
Waste Quantity:	325
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100715
Creation Date:	9/30/2010 18:30:40
Receipt Date:	20100729
Manifest ID:	006519150JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100715
Creation Date:	9/30/2010 18:30:32
Receipt Date:	20100728
Manifest ID:	006519151JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Additional Code 5:	Not reported
Shipment Date:	20100408
Creation Date:	12/16/2010 18:30:53
Receipt Date:	20100421
Manifest ID:	006520490JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100408
Creation Date:	8/6/2010 18:30:23
Receipt Date:	20100421
Manifest ID:	006520492JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100302
Creation Date:	6/29/2010 18:30:08
Receipt Date:	20100310
Manifest ID:	006514995JJK
Trans EPA ID:	CAD028277036

DOWNS ENERGY (Continued) **S113103012**

Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000200488
Shipment Date:	20080305
Creation Date:	8/20/2008 18:30:32
Receipt Date:	20080312
Manifest ID:	003556891JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080305
Creation Date:	4/22/2008 18:30:50
Receipt Date:	20080313
Manifest ID:	003556898JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

DOWNS ENERGY (Continued) **S113103012**

TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.85565
Waste Quantity:	445
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080305
Creation Date:	4/22/2008 18:30:50
Receipt Date:	20080313
Manifest ID:	003556898JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080305
Creation Date:	4/22/2008 18:30:50
Receipt Date:	20080313
Manifest ID:	003556898JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Waste Quantity: Not reported
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2005
Gen EPA ID: CAL000200488

Shipment Date: 20050815
Creation Date: 4/13/2006 18:45:56
Receipt Date: 20050815
Manifest ID: 24599371
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 6.8805
Waste Quantity: 1650
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: DOWNS ENERGY MAGNOLIA DIESEL (SITE 29)
Address: 1226 MAGNOLIA AVE
City,State,Zip: CORONA, CA 92879
Site ID: 26300
CERS ID: 10476088
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 07-09-2020
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to adequately discuss in the SPCC Plan all applicable bulk storage containers, including compatibility with material stored and conditions of storage, and description of sized secondary containment capable of containing the largest single container and sufficient freeboard to contain precipitation.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health

DOWNS ENERGY (Continued) **S113103012**

Violation Program:	APSA
Violation Source:	CERS
Site ID:	26300
Site Name:	Downs Energy Magnolia Diesel (Site 29)
Violation Date:	09-08-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to position or locate mobile or portable storage containers to prevent a discharge as described in 40 CFR 112.1(b), and/or failure to provide adequate secondary containment for mobile or portable oil storage containers (excluding mobile refuelers and other non-transportation-related tank trucks) with sufficient capacity to contain the largest single compartment or container and sufficient freeboard to contain precipitation.
Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	26300
Site Name:	Downs Energy Magnolia Diesel (Site 29)
Violation Date:	06-12-2019
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 06/21/2019. OBSERVATION: Observed the following UST Monitoring Plan(s) to be inaccurate and/or missing information: 1. All 4 tanks: a. Riser Pipe Primary material shall be changed to steel. b. Striker Plate shall be check marked c. Corrosion Protection method shall be check marked (isolation) d. Pipeline Integrity Testing shall be unchecked under Pipe Monitoring is Performed Using the Following Method Section 2. Tank 1,2,3: Update UDC Monitoring Section (208 sensor) 3. Tank 4: Update UDC Monitoring Section (both Float&Chain/208) 4. Tank 4: Mechanical Line Lead Detector is used. Manufacturer is Vaporless and Model is LD2000 UST Monitoring Plan is not approved as submitted CORRECTIVE ACTION: Owner/operator shall make the following corrections to the UST Monitoring Plan(s) and submit in CERS.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	26300
Site Name:	Downs Energy Magnolia Diesel (Site 29)
Violation Date:	06-28-2017
Citation:	40 CFR 1 265.201(c)(3) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(3)
Violation Description:	Failure to inspect hazardous waste tanks at least once each operating day for the following, when present: (1) Discharge control equipment (e.g., waste feed cutoff systems, by-pass systems, and drainage systems) to ensure that it is in good working order; (2) Data gathered from monitoring equipment (e.g., pressure and temperature gauges) to ensure that the tank is being operated according to its design; (3) The level of waste in the tank.
Violation Notes:	Returned to compliance on 08/02/2017.
Violation Division:	Riverside County Department of Env Health

DOWNS ENERGY (Continued) **S113103012**

Violation Program: HW
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 08-07-2020
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to position or locate mobile or portable storage containers to prevent a discharge as described in 40 CFR 112.1(b), and/or failure to provide adequate secondary containment for mobile or portable oil storage containers (excluding mobile refuelers and other non-transportation-related tank trucks) with sufficient capacity to contain the largest single compartment or container and sufficient freeboard to contain precipitation.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 06-12-2019
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 06/21/2019. OBSERVATION: Current Certification of Financial Responsibility documents have not been submitted to the CUPA. CORRECTIVE ACTION: Owner/operator shall submit a current and complete Certification of Financial Responsibility in CERS.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 06-29-2016
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 12/28/2017.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 06-28-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to discuss in the SPCC Plan the appropriate containment, diversionary structures, or equipment to prevent a discharge, including typical failure mode and most likely quantity of discharge for the following: bulk storage containers, mobile/portable

DOWNS ENERGY (Continued) **S113103012**

containers, oil-filled equipment, piping and related appurtenances, mobile refuels or non-transportation-related tank cars, and transfer areas, equipment and activities.
Violation Notes: Returned to compliance on 01/16/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 01-17-2020
Citation: 23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Description: "Failure to submit a copy of the overfill prevention equipment inspection results on the G Overfill Prevention Equipment Inspection Report FormG to the UPA within 30 days after the inspection. "
Violation Notes: Returned to compliance on 01/21/2020.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 06-28-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide adequate secondary containment for mobile or portable oil storage containers (excluding mobile refuelers and other non-transportation-related tank trucks) with sufficient capacity to contain the largest single compartment or container and sufficient freeboard to contain precipitation.
Violation Notes: Returned to compliance on 01/16/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 06-29-2016
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: Failure to test the spill bucket annually.
Violation Notes: Returned to compliance on 07/19/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 08-07-2020
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to adequately discuss in the SPCC Plan all applicable bulk storage containers, including compatibility with material stored and conditions of storage, and description of sized secondary containment capable of containing the largest single container and sufficient freeboard to contain precipitation.

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Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	26300
Site Name:	Downs Energy Magnolia Diesel (Site 29)
Violation Date:	06-29-2016
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes:	Returned to compliance on 12/28/2017.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	26300
Site Name:	Downs Energy Magnolia Diesel (Site 29)
Violation Date:	09-08-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide and maintain secondary containment for bulk storage tank installations (except for mobile refuelers and other non-transportation-related tank trucks) sufficient to hold the capacity of the largest container and sufficient freeboard for precipitation.
Violation Notes:	Not reported
Violation Division:	Riverside County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS
Site ID:	26300
Site Name:	Downs Energy Magnolia Diesel (Site 29)
Violation Date:	06-28-2017
Citation:	23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description:	Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes:	Returned to compliance on 12/28/2017.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	26300
Site Name:	Downs Energy Magnolia Diesel (Site 29)
Violation Date:	06-29-2016
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 07/19/2016.
Violation Division:	Riverside County Department of Env Health

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Violation Program: UST
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 09-08-2020
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to adequately discuss in the SPCC Plan all applicable bulk storage containers, including compatibility with material stored and conditions of storage, and description of sized secondary containment capable of containing the largest single container and sufficient freeboard to contain precipitation.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 09-26-2014
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 03/04/2015. Remove DEF from chemical inventory
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 08-07-2020
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide and maintain secondary containment for bulk storage tank installations (except for mobile refuelers and other non-transportation-related tank trucks) sufficient to hold the capacity of the largest container and sufficient freeboard for precipitation.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 06-28-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to adequately discuss in the SPCC Plan all applicable bulk storage containers, or no discussion regarding all applicable bulk storage containers included.
Violation Notes: Returned to compliance on 01/16/2018.
Violation Division: Riverside County Department of Env Health

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Violation Program: APSA
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 07-09-2020
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide and maintain secondary containment for bulk storage tank installations (except for mobile refuelers and other non-transportation-related tank trucks) sufficient to hold the capacity of the largest container and sufficient freeboard for precipitation.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 07-09-2020
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to position or locate mobile or portable storage containers to prevent a discharge as described in 40 CFR 112.1(b), and/or failure to provide adequate secondary containment for mobile or portable oil storage containers (excluding mobile refuelers and other non-transportation-related tank trucks) with sufficient capacity to contain the largest single compartment or container and sufficient freeboard to contain precipitation.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS

Site ID: 26300
Site Name: Downs Energy Magnolia Diesel (Site 29)
Violation Date: 06-29-2016
Citation: 23 CCR 16 2631(g), 2632(c)(2)(A) & (B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2631(g), 2632(c)(2)(A) & (B)
Violation Description: Failure of the double-walled interstitial space of the tank to be continuously monitored with an audible and visual alarm.
Violation Notes: Returned to compliance on 12/28/2017.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-06-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

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Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-12-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	- The purpose of this visit is to conduct a routine inspection of the facility named above. The annual monitoring certification was conducted by Brad Larson. - Spill bucket test (direct bury - INCON test) was conducted on 05/07/2019 by Chris Edwards - Overfill prevention test was conducted on this date. Results for Overfill Prevention Test and other required documents (i.e. tank charts) shall be sent to the Department within 30 days. - Owner/operator was instructed to use the updated forms for DO monthly inspections and employee training (templates were provided during the inspection and will also be e-mailed to K. Caldwell). - Last SB989: 09/06/2017 - Last Monitoring Certification: 06/27/2018
Eval Division:	Riverside County Department of Env Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-15-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-27-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-28-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	01-17-2020
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Deliver NOV
Eval Division:	Riverside County Department of Env Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-28-2017

DOWNS ENERGY (Continued) **S113103012**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-28-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-29-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-09-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	- Facility generates the following waste streams (not limited to): used oil, used coolant, contaminated absorbent, and filters - Facility's waste hauler is World Oil Environmental Services - Soiled textiles are laundered through Prudential (weekly) - Facility had couple episodic large quantity generator amounts in 2019. Owner/operator shall notify this department if facility regularly generates large quantity generator amounts.
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-09-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	08-02-2017
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS

DOWNS ENERGY (Continued) **S113103012**

Eval General Type: Other/Unknown
Eval Date: 08-02-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-02-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-07-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-22-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitoring cert cont
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-08-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-26-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 26300
Facility Name: Downs Energy Magnolia Diesel (Site 29)

DOWNS ENERGY (Continued) **S113103012**

Env Int Type Code:	HWG
Program ID:	10476088
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.865410
Longitude:	-117.539560

Affiliation:

Affiliation Type Desc:	Operator
Entity Name:	Michael J. Downs
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(951) 256-8282

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Kenneth Caldwell
Entity Title:	Compliance, Maintenance Supervisor
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(951) 201-0125

Affiliation Type Desc:	Legal Owner
Entity Name:	Michael J. Downs
Entity Title:	Not reported
Affiliation Address:	1296 Magnolia Ave.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92879
Affiliation Phone:	(951) 256-8282

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	M & D Development LLC
Entity Title:	Not reported
Affiliation Address:	1296 Magnolia Ave.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92879
Affiliation Phone:	(951) 256-8291

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Downs Energy
Entity Title:	Not reported
Affiliation Address:	1296 Magnolia Ave.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92879
Affiliation Phone:	(951) 737-9866

DOWNS ENERGY (Continued) **S113103012**

Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055

Affiliation Type Desc:	Identification Signer
Entity Name:	Ken Caldwell
Entity Title:	Compliance & Maintenance Supervisor
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Ken Caldwell
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Michael J. Downs
Entity Title:	Not reported
Affiliation Address:	1296 Magnolia Ave.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1296 Magnolia Ave.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	Downs Energy
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

DOWNS ENERGY (Continued) **S113103012**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: M & D Development LLC
Entity Title: Not reported
Affiliation Address: 1296 Magnolia Ave.
Affiliation City: Corona
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92879
Affiliation Phone: (951) 256-8291

Affiliation Type Desc: UST Tank Operator
Entity Name: Downs Energy
Entity Title: Not reported
Affiliation Address: 1296 Magnolia Ave.
Affiliation City: Corona
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92879
Affiliation Phone: (951) 737-9866

HWTS:
Name: DOWNS ENERGY
Address: 1226 MAGNOLIA AVE
Address 2: Not reported
City,State,Zip: CORONA, CA 917190000
EPA ID: CAL000200488
Inactive Date: Not reported
Create Date: 03/08/1999
Last Act Date: 08/27/2020
Mailing Name: Not reported
Mailing Address: 1296 MAGNOLIA AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: CORONA, CA 928792098
Owner Name: DOWNS ENERGY
Owner Address: 1296 MAGNOLIA AVE
Owner Address 2: Not reported
Owner City,State,Zip: CORONA, CA 928792098
Contact Name: ANGIE MARTINEZ
Contact Address: 1296 MAGNOLIA AVE
Contact Address 2: Not reported
City,State,Zip: CORONA, CA 92879

NAICS:
EPA ID: CAL000200488
Create Date: 2002-03-14 16:36:29.000
NAICS Code: 42272
NAICS Description: Petroleum and Petroleum Products Wholesalers (except Bulk Stations and Terminals)
Issued EPA ID Date: 1999-03-08 00:00:00
Inactive Date: Not reported
Facility Name: DOWNS ENERGY
Facility Address: 1226 MAGNOLIA AVE
Facility Address 2: Not reported

DOWNS ENERGY (Continued) **S113103012**

Facility City: CORONA
Facility County: Not reported
Facility State: CA
Facility Zip: 917190000

N71 **DOWNS ENERGY MAGNOLIA DIESEL (SITE 29)** **AST** **A100419523**
SSW **1226 MAGNOLIA AVE** **N/A**
1/8-1/4 **CORONA, CA 92879**
0.192 mi.
1013 ft. **Site 4 of 4 in cluster N**

Relative: AST:
Higher

Actual: Name: DOWNS ENERGY MAGNOLIA DIESEL (SITE 29)
670 ft. Address: 1226 MAGNOLIA AVE
City/Zip: CORONA,92879
Certified Unified Program Agencies: Not reported
Owner: Michael J. Downs
Total Gallons: Not reported
CERSID: 10476088
Facility ID: FA0025310
Business Name: Downs Energy
Phone: 951-271-0968
Fax: Not reported
Mailing Address: 1296 Magnolia Ave.
Mailing Address City: Corona
Mailing Address State: CA
Mailing Address Zip Code: 92879
Operator Name: Michael J. Downs
Operator Phone: 951-256-8282
Owner Phone: 951-256-8282
Owner Mail Address: 1296 Magnolia Ave.
Owner State: CA
Owner Zip Code: 92879
Owner Country: United States
Property Owner Name: M & D Development LLC
Property Owner Phone: 951-256-8291
Property Owner Mailing Address: 1296 Magnolia Ave.
Property Owner City: Corona
Property Owner Stat : CA
Property Owner Zip Code: 92879
Property Owner Country: United States
EPAID: CAL000200488

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72 **AMOREPACIFIC US INC** **RCRA NonGen / NLR** **1024749239**
East **1550 MAGNOLIA AVE, SUITE 104** **CAC002969025**
1/8-1/4 **CORONA, CA 92879**
0.195 mi.
1028 ft.

Relative: RCRA NonGen / NLR:
Higher

Actual: Date Form Received by Agency: 2018-07-02 00:00:00.0
656 ft. Handler Name: AMOREPACIFIC US INC
Handler Address: 1550 MAGNOLIA AVE, SUITE 104
Handler City,State,Zip: CORONA, CA 92879
EPA ID: CAC002969025

AMOREPACIFIC US INC (Continued) **1024749239**

Contact Name:	YOUNG AHN
Contact Address:	1550 MAGNOLIA AVE, SUITE 104
Contact City,State,Zip:	CORONA, CA 92879
Contact Telephone:	951-735-2301
Contact Fax:	Not reported
Contact Email:	EROBLES@IDRENVIRONMENTAL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1550 MAGNOLIA AVE, SUITE 104
Mailing City,State,Zip:	CORONA, CA 92879
Owner Name:	AMOREPACIFIC US INC
Owner Type:	Other
Operator Name:	YOUNG AHN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

AMOREPACIFIC US INC (Continued) **1024749239**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-08-31 17:15:05.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMOREPACIFIC US INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1550 MAGNOLIA AVE, SUITE 104
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-735-2301
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	YOUNG AHN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1550 MAGNOLIA AVE, SUITE 104
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-735-2301
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-07-02 00:00:00.0
Handler Name: AMOREPACIFIC US INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

AMOREPACIFIC US INC (Continued) **1024749239**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

L73 **TRM MANUFACTURING** **RCRA NonGen / NLR** **1024810273**
North **1433 E 6TH ST** **CAL000288777**
1/8-1/4 **CORONA, CA 92879**
0.203 mi.
1074 ft. **Site 10 of 10 in cluster L**

Relative: RCRA NonGen / NLR:
Lower
Date Form Received by Agency: 2004-12-08 00:00:00.0
Actual: Handler Name: TRM MANUFACTURING
637 ft. Handler Address: 1433 E 6TH ST
Handler City,State,Zip: CORONA, CA 92879
EPA ID: CAL000288777
Contact Name: JOHN REYNOLDS
Contact Address: 375 TRM CIRCLE
Contact City,State,Zip: CORONA, CA 92879
Contact Telephone: 951-256-8555
Contact Fax: 951-256-8575
Contact Email: JREYNOLDS@TRMMFG.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: PO BOX 77520
Mailing City,State,Zip: CORONA, CA 92877-0117
Owner Name: TED R MOORE
Owner Type: Other
Operator Name: JOHN REYNOLDS
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No

TRM MANUFACTURING (Continued) **1024810273**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:26:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN REYNOLDS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

TRM MANUFACTURING (Continued) **1024810273**

Owner/Operator Address: 375 TRM CIRCLE
Owner/Operator City,State,Zip: CORONA, CA 92879
Owner/Operator Telephone: 951-256-8555
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: TED R MOORE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 77520
Owner/Operator City,State,Zip: CORONA, CA 92877-0117
Owner/Operator Telephone: 951-256-8550
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2004-12-08 00:00:00.0
Handler Name: TRM MANUFACTURING
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 337215
NAICS Description: SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O74 **SIX PAC IND INC** **HIST UST** **U001569166**
North **14296 E 6TH ST** **N/A**
1/8-1/4 **CORONA, CA 91720**
0.209 mi.
1101 ft. **Site 1 of 2 in cluster O**

Relative: **Lower**
Actual: **635 ft.**

HIST UST:
Name: SIX PAC IND INC
Address: 14296 E 6TH ST
City,State,Zip: CORONA, CA 91720
File Number: 0001F98C
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F98C.pdf

SIX PAC IND INC (Continued) **U001569166**

Region:	STATE
Facility ID:	00000005836
Facility Type:	Other
Other Type:	RV MFG.
Contact Name:	BENNY BENSON
Telephone:	7147378232
Owner Name:	SIX PAC IND INC
Owner Address:	14296 E. 6TH ST.
Owner City,St,Zip:	CORONA, CA 91720
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	1970
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	1
Year Installed:	1980
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Pressure Test

Click here for Geo Tracker PDF:

P75 **CORONA CLIPPER CO** **SWEEPS UST** **S101618836**
NNE **14200 E SIXTH ST** **CA FID UST** **N/A**
1/8-1/4 **CORONA, CA 91720**
0.211 mi.
1115 ft. **Site 1 of 2 in cluster P**

Relative:
Higher

Actual:
651 ft.

SWEEPS UST:

Name:	CORONA CLIPPER CO
Address:	14200 E SIXTH ST
City:	CORONA
Status:	Active
Comp Number:	67573
Number:	1
Board Of Equalization:	44-018512
Referral Date:	09-11-91
Action Date:	09-11-91
Created Date:	02-29-88
Owner Tank Id:	001297
SWRCB Tank Id:	33-000-067573-000001
Tank Status:	A
Capacity:	1000
Active Date:	09-11-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

CORONA CLIPPER CO (Continued) **S101618836**

CA FID UST:

Facility ID:	33002995
Regulated By:	UTNKA
Regulated ID:	00067573
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7147376515
Mail To:	Not reported
Mailing Address:	14200 E SIXTH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	CORONA 91720
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

P76 **CORONA CLIPPER CO** **HIST UST** **U001569094**
NNE **14200 EAST 6TH STREET** **N/A**
1/8-1/4 **CORONA, CA 91720**
0.224 mi.
1184 ft. **Site 2 of 2 in cluster P**

Relative:
Higher

Actual:
660 ft.

HIST UST:

Name:	CORONA CLIPPER CO
Address:	14200 EAST 6TH STREET
City,State,Zip:	CORONA, CA 91720
File Number:	0001F6EC
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F6EC.pdf
Region:	STATE
Facility ID:	00000067573
Facility Type:	Other
Other Type:	MANUFACTURING
Contact Name:	JOEL WICKEN
Telephone:	7147376515
Owner Name:	HARROW CORP.
Owner Address:	2627 EAST BELTLINE, S.F.
Owner City,St,Zip:	GRANDE RAPIDS, MI 49506
Total Tanks:	0001
Tank Num:	001
Container Num:	001
Year Installed:	1970
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	1
Container Construction Thickness:	0 1
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

O77 **EXTRUMED DBA VESTA INC** **RCRA NonGen / NLR** **1025870262**
North **547 TRM CIRCLE** **CAL000422905**
1/8-1/4 **CORONA, CA 92379**
0.236 mi.
1246 ft. **Site 2 of 2 in cluster O**

Relative: **Lower**

Actual: **639 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2016-12-08 00:00:00.0
Handler Name:	EXTRUMED DBA VESTA INC	
Handler Address:		547 TRM CIRCLE
Handler City,State,Zip:		CORONA, CA 92379
EPA ID:		CAL000422905
Contact Name:		DEBBIE MICCA
Contact Address:		547 TRM CIRCLE
Contact City,State,Zip:		CORONA, CA 92879-0000
Contact Telephone:		951-547-7440
Contact Fax:		951-547-7441
Contact Email:		DEBBIE.MICCA@LUBRIZOL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		547 TRM CIRCLE
Mailing City,State,Zip:		CORONA, CA 92379
Owner Name:		EXTRUMED INC DBA VESTA
Owner Type:		Other
Operator Name:		DEBBIE MICCA
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		Yes
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

EXTRUMED DBA VESTA INC (Continued) **1025870262**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-28 17:07:15.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	EXTRUMED INC DBA VESTA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	547 TRM CIRCLE
Owner/Operator City,State,Zip:	CORONA, CA 92379
Owner/Operator Telephone:	951-547-7425
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEBBIE MICCA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	547 TRM CIRCLE
Owner/Operator City,State,Zip:	CORONA, CA 92879-0000
Owner/Operator Telephone:	951-547-7440
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

EXTRUMED DBA VESTA INC (Continued) **1025870262**

Historic Generators:
Receive Date: 2016-12-08 00:00:00.0
Handler Name: EXTRUMED DBA VESTA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 337215
NAICS Description: SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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78 **TRADENET ENTERPRISE** **RCRA NonGen / NLR** **1024780030**
ENE **1580 MAGNOLIA AVE** **CAC002999988**
1/8-1/4 **CORONA, CA 92879**
0.240 mi.
1267 ft.

Relative:
Higher

Actual:
654 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 2019-02-06 00:00:00.0
Handler Name: TRADENET ENTERPRISE
Handler Address: 1580 MAGNOLIA AVE
Handler City,State,Zip: CORONA, CA 92879
EPA ID: CAC002999988
Contact Name: RICKY CHAI
Contact Address: 1580 MAGNOLIA AVE
Contact City,State,Zip: CORONA, CA 92879
Contact Telephone: 888-595-3956
Contact Fax: Not reported
Contact Email: RICKY@VANTAGELED.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: 1580 MAGNOLIA AVE
Mailing City,State,Zip: CORONA, CA 92879
Owner Name: TRADENET ENTERPRISE

TRADENET ENTERPRISE (Continued) **1024780030**

Owner Type:	Other
Operator Name:	RICKY CHAI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-02-22 19:41:11.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

TRADENET ENTERPRISE (Continued) **1024780030**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: TRADENET ENTERPRISE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1580 MAGNOLIA AVE
Owner/Operator City,State,Zip: CORONA, CA 92879
Owner/Operator Telephone: 888-595-3956
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RICKY CHAI
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1580 MAGNOLIA AVE
Owner/Operator City,State,Zip: CORONA, CA 92879
Owner/Operator Telephone: 888-595-3956
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-02-06 00:00:00.0
Handler Name: TRADENET ENTERPRISE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q79 **IMCO WASTE DISPOSAL AREA (FORMER)** **ENVIROSTOR** **S123133177**
NNW **1385 EAST 6TH STREET** **VCP** **N/A**
1/8-1/4 **CORONA, CA 92879** **DEED**
0.241 mi. **CERS**
1274 ft. **Site 1 of 2 in cluster Q**

Relative:
Lower

Actual:
611 ft.

ENVIROSTOR:

Name:	IMCO WASTE DISPOSAL AREA (FORMER)
Address:	1385 EAST 6TH STREET
City,State,Zip:	CORONA, CA 92879
Facility ID:	33500001
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	06/21/2010
Site Code:	401700
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	3.9
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Angela Turner
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	60
Senate:	31
Special Program:	Voluntary Cleanup Program
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.87525
Longitude:	-117.5401
APN:	115-200-002
Past Use:	LANDFILL - DOMESTIC, METAL RECLAMATION, RECYCLING - SCRAP METAL
Potential COC:	Arsenic Lead Polychlorinated biphenyls (PCBs Chromium III Chromium VI Copper and compounds
Confirmed COC:	Arsenic Lead Chromium III Chromium VI Copper and compounds Polychlorinated biphenyls (PCBs
Potential Description:	SOIL
Alias Name:	Aluminum & Magnesium, Inc Division of Vulcan Materials
Alias Type:	Alternate Name
Alias Name:	115-200-002
Alias Type:	APN
Alias Name:	110033615087
Alias Type:	EPA (FRS #)
Alias Name:	401281
Alias Type:	Project Code (Site Code)
Alias Name:	401700
Alias Type:	Project Code (Site Code)
Alias Name:	33500001
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/30/2009
Comments:	Cost Estimate letter sent to proponent via U.S. Mail and email
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Completed Document Type: Site Screening
Completed Date: 06/13/2006
Comments: Site Screening Assessment Report was submitted to EPA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/01/2007
Comments: Conditional Approval Letter was issued 10/1/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/12/2008
Comments: Final RAW approved. Fieldwork to implement remedy will take place once sale of property is complete. New property owner will implement remedy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 05/16/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/03/2008
Comments: During the 4/15/2008 meeting with DTSC and West Environmental, it was determined that characterization was adequate for the site, given the end use. Project will move to the Removal Action Workplan (RAW) phase of the project and all necessary site activities will be addressed in the RAW. A note to file will be added since no official comment letter was submitted regarding this matter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/24/2008
Comments: Fact sheet finalized and sent for mailing to mailing list.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/12/2008
Comments: Site Management Plan approved. Approval letter sent 12/12/2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/15/2012
Comments: Document accepted. Once grading permit has been obtained by the City of Corona - or any other necessary permits - grading activities can begin.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Completed Document Type:	Remedial Action Completion Report
Completed Date:	09/25/2013
Comments:	Document received and reviewed by DTSC. No comments were made and therefore the RACR was approved.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	5 Year Review Reports
Completed Date:	02/21/2018
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	12/08/2008
Comments:	NOE completed and signed. Sent to CEQA Department to file with Office of Planning and Research/State Clearinghouse.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction
Completed Date:	01/16/2009
Comments:	LUC signed and sent back to Property Owner to record with County of Riverside.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	06/11/2012
Comments:	Annual Inspection Report for FY 2011-2012 submitted for review by property owner and approved by DTSC. Site continues to meet requirements set forth in the LUC.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	05/12/2005
Comments:	DTSC entered into a Voluntary Cleanup Agreement (VCA) with the Proponent, 6th and Radio Road Business Park II, LLC (Docket No. HSA-A 04/05-161) for DTSC to conduct an evaluation of reports and data provided by the Proponent and to provide oversight for the removal action for the Site.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	09/26/2013
Comments:	All remedial actions have been adequately completed and the Site can be certified with Land Use Restriction. Annual inspections will be required for this property to fulfill requirements in the Land Use Restriction Document.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/20/2010
Comments:	2011 Cost Estimate and Schedule sent to RP.

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/25/2012
Comments: 2013 Annual Cost Estimate letter sent to RP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 07/30/2012
Comments: Reminder sent regarding unpaid past due invoices.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/23/2011
Comments: Report received by DTSC. There is no violation of the Land Use Restriction. The next inspection report will be due by June 30, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/31/2012
Comments: Second Collection Letter sent certified mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/30/2013
Comments: 2014 Annual cost estimate letter and schedule sent to RP for the IMCO Waste Disposal Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Payment Agreement
Completed Date: 06/21/2013
Comments: Payment Agreement signed by DTSC as of 6/21/2013 and sent via email to RP on 6/24/2013. Agreement will be also mailed by US Mail. A copy of the Agreement has also been forwarded to DTSCs Accounting Dept. for their records.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 10/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/13/2014
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/21/2007

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Comments: 2008 Annual Cost Estimate Letter sent to Proponent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/21/2010
Comments: Site certified with Operation and Maintenance. Letter and Certification package sent to Responsible Party.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/03/2014
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/09/2014
Comments: Cost estimate letter mailed to RP on 09/10/14.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/20/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/05/2016
Comments: FY 1617 Annual Oversight Cost Estimate completed and mailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/23/2017
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/11/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/12/2018
Comments: no exceptions noted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/10/2019
Comments: no exceptions noted

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/31/2020
Comments: completed, no exceptions noted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/02/2015
Comments: 1516 Cost Estimate completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/29/2011
Comments: 2012 Annual Cost Estimate letter sent to RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/11/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/14/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/27/2020
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2020
Comments: Annual Oversight Cost Estimate Letter completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/02/2010
Comments: Land Use Restriction Inspection conducted by property owner (dated 5/18/2010). Inspection report received at DTSC on 6/2/2010 and accepted.

Completed Area Name: PROJECT WIDE

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 07/23/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/20/2017
Comments: Completed

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2023
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Name: IMCO WASTE DISPOSAL AREA (FORMER)
Address: 1385 EAST 6TH STREET
City,State,Zip: CORONA, CA 92879
Facility ID: 33500001
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 3.9
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Angela Turner
Supervisor: Emad Yemut
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 401700
Assembly: 60
Senate: 31
Special Programs Code: Voluntary Cleanup Program
Status: Certified O&M - Land Use Restrictions Only
Status Date: 06/21/2010
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 33.87525 / -117.5401
APN: 115-200-002
Past Use: LANDFILL - DOMESTIC, METAL RECLAMATION, RECYCLING - SCRAP METAL
Potential COC: 30001, 30013, 30018, 30152, 30153, 30156
Confirmed COC: 30001,30013,30152,30153,30156,30018
Potential Description: SOIL
Alias Name: Aluminum & Magnesium, Inc Division of Vulcan Materials
Alias Type: Alternate Name
Alias Name: 115-200-002
Alias Type: APN
Alias Name: 110033615087
Alias Type: EPA (FRS #)

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Alias Name: 401281
Alias Type: Project Code (Site Code)
Alias Name: 401700
Alias Type: Project Code (Site Code)
Alias Name: 33500001
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2009
Comments: Cost Estimate letter sent to proponent via U.S. Mail and email

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/13/2006
Comments: Site Screening Assessment Report was submitted to EPA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/01/2007
Comments: Conditional Approval Letter was issued 10/1/07.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 12/12/2008
Comments: Final RAW approved. Fieldwork to implement remedy will take place once sale of property is complete. New property owner will implement remedy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 05/16/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 10/03/2008
Comments: During the 4/15/2008 meeting with DTSC and West Environmental, it was determined that characterization was adequate for the site, given the end use. Project will move to the Removal Action Workplan (RAW) phase of the project and all necessary site activities will be addressed in the RAW. A note to file will be added since no official comment letter was submitted regarding this matter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/24/2008
Comments: Fact sheet finalized and sent for mailing to mailing list.

Completed Area Name: PROJECT WIDE

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/12/2008
Comments: Site Management Plan approved. Approval letter sent 12/12/2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/15/2012
Comments: Document accepted. Once grading permit has been obtained by the City of Corona - or any other necessary permits - grading activities can begin.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 09/25/2013
Comments: Document received and reviewed by DTSC. No comments were made and therefore the RACR was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 02/21/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 12/08/2008
Comments: NOE completed and signed. Sent to CEQA Department to file with Office of Planning and Research/State Clearinghouse.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 01/16/2009
Comments: LUC signed and sent back to Property Owner to record with County of Riverside.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/11/2012
Comments: Annual Inspection Report for FY 2011-2012 submitted for review by property owner and approved by DTSC. Site continues to meet requirements set forth in the LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 05/12/2005
Comments: DTSC entered into a Voluntary Cleanup Agreement (VCA) with the Proponent, 6th and Radio Road Business Park II, LLC (Docket No. HSA-A 04/05-161) for DTSC to conduct an evaluation of reports and data provided by the Proponent and to provide oversight for the removal action for the Site.

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	09/26/2013
Comments:	All remedial actions have been adequately completed and the Site can be certified with Land Use Restriction. Annual inspections will be required for this property to fulfill requirements in the Land Use Restriction Document.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/20/2010
Comments:	2011 Cost Estimate and Schedule sent to RP.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/25/2012
Comments:	2013 Annual Cost Estimate letter sent to RP
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	07/30/2012
Comments:	Reminder sent regarding unpaid past due invoices.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	06/23/2011
Comments:	Report received by DTSC. There is no violation of the Land Use Restriction. The next inspection report will be due by June 30, 2012.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Letter - Demand
Completed Date:	08/31/2012
Comments:	Second Collection Letter sent certified mail.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/30/2013
Comments:	2014 Annual cost estimate letter and schedule sent to RP for the IMCO Waste Disposal Site.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Payment Agreement
Completed Date:	06/21/2013
Comments:	Payment Agreement signed by DTSC as of 6/21/2013 and sent via email to RP on 6/24/2013. Agreement will be also mailed by US Mail. A copy of the Agreement has also been forwarded to DTSCs Accounting Dept. for their records.
Completed Area Name:	PROJECT WIDE

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 10/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/13/2014
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/21/2007
Comments: 2008 Annual Cost Estimate Letter sent to Proponent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/21/2010
Comments: Site certified with Operation and Maintenance. Letter and Certification package sent to Responsible Party.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/03/2014
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/09/2014
Comments: Cost estimate letter mailed to RP on 09/10/14.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/20/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/05/2016
Comments: FY 1617 Annual Oversight Cost Estimate completed and mailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/23/2017
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Completed Date: 07/11/2016
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/12/2018
Comments: no exceptions noted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/10/2019
Comments: no exceptions noted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/31/2020
Comments: completed, no exceptions noted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/02/2015
Comments: 1516 Cost Estimate completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/29/2011
Comments: 2012 Annual Cost Estimate letter sent to RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/29/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/11/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/14/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/27/2020
Comments: completed

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2020
Comments: Annual Oversight Cost Estimate Letter completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 06/02/2010
Comments: Land Use Restriction Inspection conducted by property owner (dated 5/18/2010). Inspection report received at DTSC on 6/2/2010 and accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 07/23/2015
Comments: Completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/20/2017
Comments: Completed

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2023
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Name: IMCO WASTE DISPOSAL AREA (FORMER)
Address: 1385 EAST 6TH STREET
City,State,Zip: CORONA, CA 92879
Envirostor ID: 33500001
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

CERS:
Name: SEVENTEEN TWENTY OIL COMPANY
Address: 1385 E 6TH ST
City,State,Zip: CORONA, CA 92879
Site ID: 422679
CERS ID: 10736449

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: NEW BUSINESS REQUIRED TO DISCLOSE
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 422679
Facility Name: Seventeen Twenty Oil Company
Env Int Type Code: HMBP
Program ID: 10736449
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 33.875310
Longitude: -117.540260

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 12240 Woodruff Avenue
Affiliation City: Downey
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90241
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: KELTERITE CORPORATION
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (562) 401-0011

Affiliation Type Desc: Property Owner
Entity Name: Kelterite Company LLC
Entity Title: Not reported
Affiliation Address: 12240 Woodruff Avenue
Affiliation City: Downey
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90241
Affiliation Phone: (562) 401-0011

Affiliation Type Desc: CUPA District
Entity Name: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104

IMCO WASTE DISPOSAL AREA (FORMER) (Continued) **S123133177**

Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055
Affiliation Type Desc:	Document Preparer
Entity Name:	Lisa Garcia
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Lisa Garcia
Entity Title:	Coordinator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	KELTERITE CORPORATION
Entity Title:	Not reported
Affiliation Address:	12231 Pangborn Avenue
Affiliation City:	Downey
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90241
Affiliation Phone:	(562) 401-0011
Affiliation Type Desc:	Parent Corporation
Entity Name:	SHAWNAN
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Shawn Smith
Entity Title:	Not reported
Affiliation Address:	12240 Woodruff ave
Affiliation City:	Downey
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90241
Affiliation Phone:	Not reported

Q80
NNW
1/8-1/4
0.241 mi.
1274 ft.

SEVENTEEN TWENTY OIL COMPANY
1385 E 6TH ST
CORONA, CA 92879

Site 2 of 2 in cluster Q

RCRA NonGen / NLR | **1025875683** | **CAL000448819**

Relative:
Lower

Actual:
611 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-09-13 00:00:00.0
Handler Name:	SEVENTEEN TWENTY OIL COMPANY
Handler Address:	1385 E 6TH ST
Handler City,State,Zip:	CORONA, CA 92879
EPA ID:	CAL000448819
Contact Name:	SHAWN SMITH
Contact Address:	12240 WOODRUFF AVE
Contact City,State,Zip:	DOWNEY, CA 90241
Contact Telephone:	562-760-0349
Contact Fax:	562-401-1012
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 39009
Mailing City,State,Zip:	DOWNEY, CA 90241
Owner Name:	SHAWN SMITH
Owner Type:	Other
Operator Name:	SHAWN SMITH
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SEVENTEEN TWENTY OIL COMPANY (Continued) **1025875683**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-09-27 16:23:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHAWN SMITH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12240 WOODRUFF AVE
Owner/Operator City,State,Zip:	DOWNEY, CA 90241
Owner/Operator Telephone:	562-760-0349
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SHAWN SMITH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	12240 WOODRUFF AVE
Owner/Operator City,State,Zip:	DOWNEY, CA 90241
Owner/Operator Telephone:	562-760-0349
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SEVENTEEN TWENTY OIL COMPANY (Continued) **1025875683**

Historic Generators:
- Receive Date: 2019-09-13 00:00:00.0
- Handler Name: SEVENTEEN TWENTY OIL COMPANY
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

R81 **NATIONAL CERTIFIED FABRICATORS INC DBA GRISWOLD WA** **RCRA NonGen / NLR** **1024806295**
NNE **1525 E 6TH ST** **CAL000268169**
1/8-1/4 **CORONA, CA 92879**
0.250 mi.
1319 ft. **Site 1 of 2 in cluster R**

Relative: **Higher**
Actual: **666 ft.**

RCRA NonGen / NLR:
- Date Form Received by Agency: 2020-01-10 00:00:00.0
- Handler Name: NATIONAL CERTIFIED FABRICATORS INC DBA GRISWOLD WATER SYSTEMS
- Handler Address: 1525 E 6TH ST
- Handler City,State,Zip: CORONA, CA 92879
- EPA ID: CAL000268169
- Contact Name: SCOTT AUSTIN/PLANT MGR
- Contact Address: 1525 EAST 6TH ST
- Contact City,State,Zip: CORONA, CA 92879
- Contact Telephone: 951-278-8992
- Contact Fax: 951-735-0798
- Contact Email: SCOTT@GRISWOLDWATERSYSTEMS.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Private
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Not reported
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 1525 EAST 6TH ST
- Mailing City,State,Zip: CORONA, CA 92879-0000
- Owner Name: NATIONAL CERTIFIED FABRICATORS INC

NATIONAL CERTIFIED FABRICATORS INC DBA GRISWOLD WATER SYSTEM (Continued) **1024806295**

Owner Type:	Other
Operator Name:	NATIONAL CERTIFIED FABRICATORS INC
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-01-23 13:24:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

NATIONAL CERTIFIED FABRICATORS INC DBA GRISWOLD WATER SYSTEM (Continued) **1024806295**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NATIONAL CERTIFIED FABRICATORS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1525 EAST 6TH ST
Owner/Operator City,State,Zip:	CORONA, CA 92879-0000
Owner/Operator Telephone:	949-559-0691
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NATIONAL CERTIFIED FABRICATORS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1525 EAST 6TH ST
Owner/Operator City,State,Zip:	CORONA, CA 92879-0000
Owner/Operator Telephone:	949-559-0691
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-01-10 00:00:00.0
Handler Name:	NATIONAL CERTIFIED FABRICATORS INC DBA GRISWOLD WATER SYSTEMS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	333414
NAICS Description:	HEATING EQUIPMENT (EXCEPT WARM AIR FURNACES) MANUFACTURING

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

R82 **LEENCO, INC.** **CERS HAZ WASTE** **S112865390**
NNE **1525 E 6TH ST** **HAZNET** **N/A**
1/8-1/4 **CORONA, CA 91719** **CERS**
0.250 mi. **HWTS**
1319 ft. **Site 2 of 2 in cluster R**

Relative:
Higher

Actual:
666 ft.

CERS HAZ WASTE:
Name: NATIONAL CERTIFIED FABRICATORS, INC.
Address: 1525 E 6TH ST
City,State,Zip: CORONA, CA 92879
Site ID: 137345
CERS ID: 10454878
CERS Description: Hazardous Waste Generator

HAZNET:
Name: LEENCO, INC.
Address: 1525 E 6TH ST
Address 2: Not reported
City,State,Zip: CORONA, CA 917190000
Contact: DAVE LITTAU/MANAGER
Telephone: 9097353330
Mailing Name: Not reported
Mailing Address: 1525 E 6TH ST

Year: 1997
Gepaid: CAC001077176
TSD EPA ID: CAD008252405
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: R01 - Recycler
Tons: 0.102

Year: 1997
Gepaid: CAC001077176
TSD EPA ID: CAT080013352
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: R01 - Recycler
Tons: 6.3

Additional Info:
Year: 1997
Gen EPA ID: CAC001077176

Shipment Date: 19970708
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970711
Manifest ID: 96819917
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D001
Meth Code: R01 - Recycler

LEENCO, INC. (Continued) **S112865390**

Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970523
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970523
Manifest ID:	96824677
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6.3
Waste Quantity:	1500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	NATIONAL CERTIFIED FABRICATORS, INC.
Address:	1525 E 6TH ST
City,State,Zip:	CORONA, CA 92879
Site ID:	137345
CERS ID:	10454878
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	137345
Site Name:	National Certified Fabricators, Inc.
Violation Date:	09-11-2015
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 10/01/2015. Change C02 to Argon/C02 mix. Add propane, waste oil/water and waste paint/water-both =55 gal. 02 largest cont.=154 cu.ft.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

LEENCO, INC. (Continued) **S112865390**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-11-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-09-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	137345
Site Name:	National Certified Fabricators, Inc.
Site Address:	1525 E 6TH ST
Site City:	CORONA
Site Zip:	92879
Enf Action Date:	09-11-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Corona Fire Department
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Coordinates:

Site ID:	137345
Facility Name:	National Certified Fabricators, Inc.
Env Int Type Code:	HWG
Program ID:	10454878
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.873920
Longitude:	-117.534300

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	John Vanegas
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address

LEENCO, INC. (Continued) **S112865390**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1525 E.6th st
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	John Vanegas
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(562) 818-3224
Affiliation Type Desc:	Property Owner
Entity Name:	Rexco
Entity Title:	Not reported
Affiliation Address:	1525 E. 6th St. Corona, CA 92879
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92879
Affiliation Phone:	(951) 278-8992
Affiliation Type Desc:	Identification Signer
Entity Name:	John Vanegas
Entity Title:	Production Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055
Affiliation Type Desc:	Legal Owner
Entity Name:	National Certified Fabricators, Inc.
Entity Title:	Not reported
Affiliation Address:	1525 E. 6th St.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92879

LEENCO, INC. (Continued) **S112865390**

Affiliation Phone: (951) 278-8992

Affiliation Type Desc: Parent Corporation
Entity Name: National Certified Fabricators, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: John Vanegas
Entity Title: Not reported
Affiliation Address: 1525 E. 6th St. Corona, CA 92879
Affiliation City: Corona
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92879
Affiliation Phone: Not reported

HWTS:
Name: LEENCO, INC.
Address: 1525 E 6TH ST
Address 2: Not reported
City,State,Zip: CORONA, CA 917190000
EPA ID: CAC001077176
Inactive Date: 10/25/2000
Create Date: 05/20/1997
Last Act Date: 10/25/2000
Mailing Name: Not reported
Mailing Address: 1525 E 6TH ST
Mailing Address 2: Not reported
Mailing City,State,Zip: CORONA, CA 917190000
Owner Name: CORPORATION
Owner Address: 1525 E 6TH ST
Owner Address 2: Not reported
Owner City,State,Zip: CORONA, CA 917190000
Contact Name: DAVE LITTAU/MANAGER
Contact Address: 1525 E 6TH ST
Contact Address 2: Not reported
City,State,Zip: CORONA, CA 917190000

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83 **CORONA INDUSTRIAL JV LLC** **SWF/LF** **S121002893**
NW **1331 E 6TH ST** **HAZNET** **N/A**
1/4-1/2 **CORONA, CA 92879** **HWTS**
0.302 mi.
1592 ft.

Relative:
Lower

Actual:
612 ft.

SWF/LF (SWIS):
Name: RUBE TUCKER DISPOSAL SITE
Address: 1331 E 6TH STREET AND 150 RADIO ROAD
City,State,Zip: CORONA, CA 92879
Region: STATE
Facility ID: 33-CR-0069

CORONA INDUSTRIAL JV LLC (Continued) **S121002893**

SWIS Number:	33-CR-0069
Point of Contact:	Angela Gomez
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Corona
Reporting Agency Legal Name:	County of Riverside
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Riverside
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Pre-regulation

Activity:

SWIS Number:	33-CR-0069
Site Name:	Rube Tucker Disposal Site
Activity:	Solid Waste Disposal Site
Activity Is Archived:	No
Category:	Disposal
Activity Classification:	Solid Waste Disposal Site
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Quarterly
Throughput:	Not reported
Throughput Units:	Not reported
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	Not reported
Capacity Units:	Not reported
Total Acreage:	Not reported
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Angela Gomez
Site Operational Status:	Closed
Site Regulatory Status:	Pre-regulation
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	Riverside
ARB District:	South Coast
SWRCB Region:	Santa Ana

CORONA INDUSTRIAL JV LLC (Continued) **S121002893**

Local Government:	Corona
Street Address:	1331 E 6th Street and 150 Radio Road
City:	Corona
State:	CA
ZIP Code:	92879
Reporting Agency Legal Name:	County of Riverside
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Riverside
Enforcing Agency Department:	Department of Environmental Health

Operator:

SWIS Number:	33-CR-0069
Site Name:	Rube Tucker Disposal Site
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Pre-regulation
Latitude:	33.87579
Longitude:	-117.54253
Is Archived:	No
Operator:	Seneman LLC
Started On:	11/5/2020
Contact Name:	Matt Brown
Contact Title:	Not reported
Contact Email:	matt.brown@brownandstreza.com
Contact Phone:	(949) 453-2900
Street Address:	76 Golden Eagle
Operator City:	Irvine
Operator State:	CA
Operator Zip:	92603

Owner:

SWIS Number:	33-CR-0069
Owner:	Seneman LLC
Owner Address:	76 Golden Eagle
Owner City:	Irvine
Owner State:	CA
Owner Zip:	92603
Site Name:	Rube Tucker Disposal Site
Site Operational Status:	Closed
Site Type:	Disposal Only
Site Regulatory Status:	Pre-regulation
Latitude:	33.87579
Longitude:	-117.54253
Is Archived:	No
Started On:	11/5/2020
Contact Name:	Matt Brown
Contact Title:	Not reported
Contact Email:	matt.brown@brownandstreza.com
Contact Phone:	(949) 453-2900

HAZNET:

Name:	CORONA INDUSTRIAL JV LLC
Address:	1331 E 6TH ST
Address 2:	Not reported
City,State,Zip:	CORONA, CA 928791750

CORONA INDUSTRIAL JV LLC (Continued) **S121002893**

Contact: VINCE CICCONE
Telephone: 9492221000
Mailing Name: Not reported
Mailing Address: 2030 MAIN ST STE 450

Year: 2016
Gepaid: CAC002866493
TSD EPA ID: AZR000506980
CA Waste Code: 611 - Contaminated soil from site clean-up
Disposal Method: -
Tons: 4720.68

HWTS:
Name: CORONA INDUSTRIAL JV LLC
Address: 1331 E 6TH ST
Address 2: Not reported
City,State,Zip: CORONA, CA 928791750
EPA ID: CAC002866493
Inactive Date: 09/24/2016
Create Date: 06/23/2016
Last Act Date: 09/24/2016
Mailing Name: Not reported
Mailing Address: 2030 MAIN ST STE 450
Mailing Address 2: Not reported
Mailing City,State,Zip: IRVINE, CA 926148285
Owner Name: CORONA INDUSTRIAL JV LLC
Owner Address: 2030 MAIN ST STE 450
Owner Address 2: Not reported
Owner City,State,Zip: IRVINE, CA 926148285
Contact Name: VINCE CICCONE
Contact Address: 2030 MAIN ST STE 450
Contact Address 2: Not reported
City,State,Zip: IRVINE, CA 926148285

NAICS:
EPA ID: CAC002866493
Create Date: 2016-06-23 16:20:30.783
NAICS Code: 23311
NAICS Description: Land Subdivision and Land Development
Issued EPA ID Date: 2016-06-23 16:20:30.78700
Inactive Date: 2016-09-24 03:00:37.77300
Facility Name: CORONA INDUSTRIAL JV LLC
Facility Address: 1331 E 6TH ST
Facility Address 2: Not reported
Facility City: CORONA
Facility County: Not reported
Facility State: CA
Facility Zip: 928791750

S84 **CORONA CROSS ROADS** **CPS-SLIC** **S104549215**
SE **N/A SHERBORN STREET** **N/A**
1/4-1/2 **CORONA, CA**
0.373 mi.
1970 ft. **Site 1 of 2 in cluster S**

Relative:
Higher

Actual:
678 ft.

CPS-SLIC:

Name:	CORONA CROSS ROADS
Address:	N/A SHERBORN STREET
City,State,Zip:	CORONA, CA
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	04/12/1999
Global Id:	SLT8R1264164
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number:	Not reported
Latitude:	33.8652842998286
Longitude:	-117.53203868866
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	SLT8R126
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Trichloroethylene (TCE)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

S85 **CORONA CROSS ROADS** **CPS-SLIC** **S108542939**
SE **N/A SHERBORN STREET** **CERS** **N/A**
1/4-1/2 **CORONA, CA**
0.373 mi.
1970 ft. **Site 2 of 2 in cluster S**

Relative:
Higher

Actual:
678 ft.

SLIC REG 8:

Name:	CORONA CROSS ROADS
Address:	N/A SHERBORN STREET
City:	CORONA
Type:	Groundwater
Facility Status:	Closed
Staff:	MGC
Substance:	TCE
Lead Agency:	Regional Board
Location Code:	Not reported
Thomas Bros Code:	Not reported

CERS:

Name:	CORONA CROSS ROADS
Address:	N/A SHERBORN STREET
City,State,Zip:	CORONA, CA
Site ID:	210483
CERS ID:	SLT8R1264164
CERS Description:	Cleanup Program Site

T86 **H&E ENGINEERING** **SEMS-ARCHIVE** **1003878784**
West **958 EL SOBRANTE RD** **CAD980892541**
1/4-1/2 **CORONA, CA 91720**
0.376 mi.
1984 ft. **Site 1 of 2 in cluster T**

Relative:
Lower

Actual:
632 ft.

SEMS Archive:

Site ID:	0902214
EPA ID:	CAD980892541
Name:	H&E ENGINEERING
Address:	958 EL SOBRANTE RD
Address 2:	Not reported
City,State,Zip:	CORONA, CA 91720
Cong District:	37
FIPS Code:	06065
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0902214
EPA ID:	CAD980892541
Site Name:	H&E ENGINEERING
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1992-01-23 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0902214
EPA ID:	CAD980892541
Site Name:	H&E ENGINEERING
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	2
Start Date:	Not reported
Finish Date:	1992-01-23 05:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902214
EPA ID:	CAD980892541
Site Name:	H&E ENGINEERING
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1

H&E ENGINEERING (Continued) **1003878784**

Start Date:	Not reported
Finish Date:	1987-01-01 05:00:00
Qual:	H
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902214
EPA ID:	CAD980892541
Site Name:	H&E ENGINEERING
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1985-04-01 06:00:00
Finish Date:	1985-10-01 05:00:00
Qual:	L
Current Action Lead:	St Perf
Region:	09
Site ID:	0902214
EPA ID:	CAD980892541
Site Name:	H&E ENGINEERING
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1985-04-01 06:00:00
Finish Date:	1985-04-01 06:00:00
Qual:	Not reported
Current Action Lead:	St Perf

T87 **WEST COAST EQUIPMENT LLC** **ENVIROSTOR** **1000112568**
West **958 EL SOBRANTE RD** **CERS HAZ WASTE** **N/A**
1/4-1/2 **CORONA, CA 92879** **CERS TANKS**
0.376 mi. **HAZNET**
1984 ft. **Site 2 of 2 in cluster T** **CERS**
HWTS

Relative:
Lower

Actual:
632 ft.

ENVIROSTOR:

Name:	H & E ENGINEERING
Address:	958 EL SOBRANTE RD.
City,State,Zip:	CORONA, CA 91720
Facility ID:	33340011
Status:	Refer: Other Agency
Status Date:	10/25/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported

WEST COAST EQUIPMENT LLC (Continued) **1000112568**

Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 60
Senate: 31
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.87080
Longitude: -117.5460
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * Metals - Other Inorganic Solid Waste * AQUEOUS SOLUTION WITH METALS * DETERGENT & SOAP * UNSPECIFIED ACID SOLUTION * WASTE OIL & MIXED OIL * AQUEOUS SOLUTION 2<PH<12.5, WITH REACTIVE ANIONS * OTHER PESTICIDE CONTAINERS, 30 GALLONS OR MORE Chromium VI
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: HERMAN ENGINEERING & MFG (DMI FILE)
Alias Type: Alternate Name
Alias Name: CAD980892541
Alias Type: EPA Identification Number
Alias Name: CAC000169005
Alias Type: HWTS Identification Code
Alias Name: 33340011
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994
Comments: Site screening/file review determine NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/22/1983
Comments: FACILITY IDENTIFIED ID FROM RWQCB COMPLAINTS/SPILLS 1982 PERSON REPORTING-RAY HOPPER,A FRIEND WHO WORKS AT H&E ENGINEERING TOLD RAY THAT H&E DISP OF POISONOUS CHEM INTO THEIR SEPTIC TANK. SEPTIC TANK HAS APPARENTLY BEEN CORRODED.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS HAZ WASTE:
Name: WEST COAST EQUIPMENT, LLC
Address: 958 EL SOBRANTE RD
City,State,Zip: CORONA, CA 92879

WEST COAST EQUIPMENT LLC (Continued) **1000112568**

Site ID: 446650
CERS ID: 10778605
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: WEST COAST EQUIPMENT, LLC
Address: 958 EL SOBRANTE RD
City,State,Zip: CORONA, CA 92879
Site ID: 446650
CERS ID: 10778605
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: WEST COAST EQUIPMENT LLC
Address: 958 EL SOBRANTE RD
Address 2: Not reported
City,State,Zip: CORONA, CA 92879
Contact: DOUG TORBETT
Telephone: 9512562040
Mailing Name: Not reported
Mailing Address: 958 EL SOBRANTE RD

Year: 2019
Gepaid: CAL000378744
TSD EPA ID: AZR000520304
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.92500

Year: 2019
Gepaid: CAL000378744
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.00000

Year: 2019
Gepaid: CAL000378744
TSD EPA ID: CAT080025711
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00000

Year: 2018
Gepaid: CAL000378744
TSD EPA ID: AZR000501510
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.25000

Year: 2018
Gepaid: CAL000378744

WEST COAST EQUIPMENT LLC (Continued) **1000112568**

TSD EPA ID: AZR000520304
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.42500

Year: 2017
Gepaid: CAL000378744
TSD EPA ID: AZR000501510
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.3

Additional Info:
Year: 2017
Gen EPA ID: CAL000378744

Shipment Date: 20171110
Creation Date: 7/20/2018 18:30:15
Receipt Date: 20171117
Manifest ID: 016811493JJK
Trans EPA ID: CAL000280876
Trans Name: ACTION WASTE OIL SERVICES
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: AZR000501510
Trans Name: AA SYDCOL LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.25
Waste Quantity: 500
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20171110
Creation Date: 7/20/2018 18:30:15
Receipt Date: 20171117
Manifest ID: 016811493JJK
Trans EPA ID: CAL000280876
Trans Name: ACTION WASTE OIL SERVICES
Trans 2 EPA ID: CAD980585293
Trans 2 Name: INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID: AZR000501510
Trans Name: AA SYDCOL LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids

WEST COAST EQUIPMENT LLC (Continued) **1000112568**

RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: WEST COAST EQUIPMENT, LLC
Address: 958 EL SOBRANTE RD
City,State,Zip: CORONA, CA 92879
Site ID: 446650
CERS ID: 10778605
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 446650
Site Name: West Coast Equipment, LLC
Violation Date: 04-05-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 05/17/2019.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 446650
Site Name: West Coast Equipment, LLC
Violation Date: 06-03-2020
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: OBSERVATION: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material. CORRECTIVE ACTION: Update your emergency response / contingency plan and submit into CERS for review and approval by 7/03/20
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 446650
Site Name: West Coast Equipment, LLC
Violation Date: 06-03-2020
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)

WEST COAST EQUIPMENT LLC (Continued) **1000112568**

Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	OBSERVATION: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities. CORRECTIVE ACTION: Update Hazardous materials inventories on site and submit into CERS for review and approval by 7/03/20.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	446650
Site Name:	West Coast Equipment, LLC
Violation Date:	06-03-2020
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	OBSERVATION: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date. CORRECTIVE ACTION: Update and submit a complete hazardous materials business plan into CERS for review and approval BY 7/03/20.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	446650
Site Name:	West Coast Equipment, LLC
Violation Date:	04-05-2019
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/18/2020. Chemical inventory for propane storage is not correct. Update largest container size to 100 gallons. * CERS submittal dated 4/29/19 shows the largest container to be 100 gal.-DA*
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	446650
Site Name:	West Coast Equipment, LLC
Violation Date:	06-03-2020
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	OBSERVATION: Failure to complete and electronically submit a site map with all required content. CORRECTIVE ACTION: Update your site map and submit into CERS, ensure all required elements are included: North Orientation, Loading areas, Internal Roads, Adjacent streets, Storm and sewer drains, Access and exit points, Emergency shutoffs,

WEST COAST EQUIPMENT LLC (Continued) **1000112568**

Evacuation staging areas, Hazardous Materials handling and storage locations and, Emergency Response Equipment (hydrants, riser, alarm panel, extinguishers, spill kit, etc.). All text must be oriented in the same direction and a legend is required if using symbols. If hand drawn use a straight edge. Submit by 7/03/20.

Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 446650
Site Name: West Coast Equipment, LLC
Violation Date: 04-05-2019
Citation: Un-Specified
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes: Returned to compliance on 05/17/2019. No permit on site. Contact Corona Fire Dept. (Denise) at 736-2459 to obtain your hazardous materials permit.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-05-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 05-17-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-03-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: E inspect
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 446650
Site Name: West Coast Equipment, LLC
Site Address: 958 EL SOBRANTE RD
Site City: CORONA
Site Zip: 92879

WEST COAST EQUIPMENT LLC (Continued) **1000112568**

Enf Action Date:	04-05-2019
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Corona Fire Department
Enf Action Program:	UNSPEC
Enf Action Source:	CERS

Coordinates:

Site ID:	446650
Facility Name:	West Coast Equipment, LLC
Env Int Type Code:	APSA
Program ID:	10778605
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.870820
Longitude:	-117.546040

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055

Affiliation Type Desc:	Environmental Contact
Entity Name:	Shaun Flanagan
Entity Title:	Not reported
Affiliation Address:	958 El Sobrante Rd
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	West Coast Equipment, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Shaun Flanagan
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

WEST COAST EQUIPMENT LLC (Continued) **1000112568**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 958 El Sobrante Road
Affiliation City: Corona
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92879
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Shaun Flanagan
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Shaun Flanagan
Entity Title: Not reported
Affiliation Address: 958 El Sobrante Rd
Affiliation City: Corona
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92879
Affiliation Phone: (951) 256-2040

Affiliation Type Desc: Operator
Entity Name: West Coast Equipment, LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (951) 256-2040

HWTS:
Name: WEST COAST EQUIPMENT LLC
Address: 958 EL SOBRANTE RD
Address 2: Not reported
City,State,Zip: CORONA, CA 92879
EPA ID: CAL000378744
Inactive Date: Not reported
Create Date: 10/03/2012
Last Act Date: 11/01/2019
Mailing Name: Not reported
Mailing Address: 958 EL SOBRANTE RD
Mailing Address 2: Not reported
Mailing City,State,Zip: CORONA, CA 92879

WEST COAST EQUIPMENT LLC (Continued) **1000112568**

Owner Name:	WEST COAST EQUIPMENT LLC
Owner Address:	958 EL SOBRANTE RD
Owner Address 2:	Not reported
Owner City,State,Zip:	CORONA, CA 92879
Contact Name:	DOUG TORBETT
Contact Address:	958 EL SOBRANTE RD
Contact Address 2:	Not reported
City,State,Zip:	CORONA, CA 92879

NAICS:

EPA ID:	CAL000378744
Create Date:	2012-10-03 15:41:46.450
NAICS Code:	33651
NAICS Description:	Railroad Rolling Stock Manufacturing
Issued EPA ID Date:	2012-10-03 15:41:46.40300
Inactive Date:	Not reported
Facility Name:	WEST COAST EQUIPMENT LLC
Facility Address:	958 EL SOBRANTE RD
Facility Address 2:	Not reported
Facility City:	CORONA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92879

88
WNW
1/4-1/2
0.407 mi.
2147 ft.

CALTRANS CORONA MAINTENANCE STATION **SWF/LF S103954601**
842 EL SOBRANTE RD. **CERS N/A**
CORONA, CA 91719

Relative:
Lower

Actual:
627 ft.

SWF/LF (SWIS):

Name:	CALTRANS CORONA MAINTENANCE STATION
Address:	842 EL SOBRANTE RD.
City,State,Zip:	CORONA, CA 91719
Region:	STATE
Facility ID:	33-AA-0330
SWIS Number:	33-AA-0330
Point of Contact:	Theodore Tasiopoulos
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Corona
Reporting Agency Legal Name:	County of Riverside
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Riverside
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Notification

Activity:

SWIS Number:	33-AA-0330

CALTRANS CORONA MAINTENANCE STATION (Continued) **S103954601**

Site Name:	Caltrans Corona Maintenance Station
Activity:	Limited Volume Transfer Operation
Activity Is Archived:	No
Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Quarterly
Throughput:	60
Throughput Units:	Cubic Yards per Day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	15600
Capacity Units:	Cubic Yards per year
Total Acreage:	2.3
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Theodore Tasiopoulos
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	Riverside
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Corona
Street Address:	842 El Sobrante Rd.
City:	Corona
State:	CA
ZIP Code:	91719
Reporting Agency Legal Name:	County of Riverside
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Riverside
Enforcing Agency Department:	Department of Environmental Health

Operator:

SWIS Number:	33-AA-0330
Site Name:	Caltrans Corona Maintenance Station
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	33.87217
Longitude:	-117.54578
Is Archived:	No
Operator:	Corona Maintenance Crew 08-726
Started On:	9/7/2011

CALTRANS CORONA MAINTENANCE STATION (Continued) **S103954601**

Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(951) 272-0628
Street Address:	Anthony Cue 842 Sobrante Rd.
Operator City:	Corona
Operator State:	CA
Operator Zip:	91719

Owner:

SWIS Number:	33-AA-0330
Owner:	Caltrans South Region District 8
Owner Address:	Jim A. Rogers 1091 Everton Place
Owner City:	Riverside
Owner State:	CA
Owner Zip:	92516
Site Name:	Caltrans Corona Maintenance Station
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	33.87217
Longitude:	-117.54578
Is Archived:	No
Started On:	9/6/2011
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(951) 787-4807

Waste:

SWIS Number:	33-AA-0330
Site Name:	Caltrans Corona Maintenance Station
Activity:	Limited Volume Transfer Operation
Waste Type:	Dead Animals
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Theodore Tasiopoulos
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation

SWIS Number:	33-AA-0330
Site Name:	Caltrans Corona Maintenance Station
Activity:	Limited Volume Transfer Operation
Waste Type:	Green Materials
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Theodore Tasiopoulos
Activity Is Archived:	No
Activity Operational Status:	Active

CALTRANS CORONA MAINTENANCE STATION (Continued) **S103954601**

Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation
SWIS Number:	33-AA-0330
Site Name:	Caltrans Corona Maintenance Station
Activity:	Limited Volume Transfer Operation
Waste Type:	Inert
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Theodore Tasiopoulos
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation
SWIS Number:	33-AA-0330
Site Name:	Caltrans Corona Maintenance Station
Activity:	Limited Volume Transfer Operation
Waste Type:	Metals
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Theodore Tasiopoulos
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation
SWIS Number:	33-AA-0330
Site Name:	Caltrans Corona Maintenance Station
Activity:	Limited Volume Transfer Operation
Waste Type:	Tires
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Theodore Tasiopoulos
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation
SWIS Number:	33-AA-0330
Site Name:	Caltrans Corona Maintenance Station
Activity:	Limited Volume Transfer Operation
Waste Type:	Tires, Shreds
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only

CALTRANS CORONA MAINTENANCE STATION (Continued) **S103954601**

Point of Contact:	Theodore Tasiopoulos
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation

CERS:

Name:	CALTRANS CORONA MAINTENANCE STATION
Address:	842 EL SOBRANTE RD.
City,State,Zip:	CORONA, CA
Site ID:	507399
CERS ID:	33-AA-0330
CERS Description:	Solid Waste and Recycle Sites

Affiliation:

Affiliation Type Desc:	Legal Operator
Entity Name:	Corona Maintenance Crew 08-726
Entity Title:	Not reported
Affiliation Address:	Anthony Cue842 Sobrante Rd.
Affiliation City:	Corona
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91719
Affiliation Phone:	9512720628

Affiliation Type Desc:	Legal Owner
Entity Name:	Caltrans South Region District 8
Entity Title:	Not reported
Affiliation Address:	Jim A. Rogers1091 Everton Place
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92516
Affiliation Phone:	9517874807

U89 **SHELL MAGNOLIA CORONA** **LUST** **S103820890**
SW **1205 MAGNOLIA AVE** **Cortese** **N/A**
1/4-1/2 **CORONA, CA 91719** **CERS**
0.408 mi.
2155 ft. **Site 1 of 2 in cluster U**

Relative:
Higher

Actual:
717 ft.

RIVERSIDE CO. LUST:

Name:	SHELL MAGNOLIA CORONA
Address:	1205 MAGNOLIA AVE
City,State,Zip:	CORONA, CA
Region:	RIVERSIDE
Facility ID:	91850
Employee:	Boltinghous-LOP
Site Closed:	Yes
Case Type:	Drinking Water Aquifer affected
Facility Status:	closed/action completed
Casetype Decode:	An Aquifer used for Drinking Water supply has been contaminated.
Fstatus Decode:	Closed/Action completed

SHELL MAGNOLIA CORONA (Continued) **S103820890**

LUST:
Name: SHELL MAGNOLIA CORONA
Address: 1205 MAGNOLIA AVE
City,State,Zip: CORONA, CA 91719
Lead Agency: RIVERSIDE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500247
Global Id: T0606500247
Latitude: 33.865101627
Longitude: -117.544641
Status: Completed - Case Closed
Status Date: 05/11/2009
Case Worker: SCB
RB Case Number: 083301917T
Local Agency: RIVERSIDE COUNTY LOP
File Location: Local Agency
Local Case Number: 91850
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0606500247
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: carl.bernhardt@waterboards.ca.gov
Phone Number: 9517824495

Global Id: T0606500247
Contact Type: Local Agency Caseworker
Contact Name: SHARON BOLTINGHOUSE
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: sbolting@rivco.org
Phone Number: 9519558980

LUST:
Global Id: T0606500247
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606500247
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606500247
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0606500247

SHELL MAGNOLIA CORONA (Continued) **S103820890**

Action Type: ENFORCEMENT
Date: 08/07/2007
Action: Staff Letter - #RCDEH 080707

Global Id: T0606500247
Action Type: ENFORCEMENT
Date: 11/13/2007
Action: Technical Correspondence / Assistance / Other - #RCDEH111307

Global Id: T0606500247
Action Type: ENFORCEMENT
Date: 05/10/2009
Action: File review - #RCDEH Upload Site File 10/19/2010

Global Id: T0606500247
Action Type: RESPONSE
Date: 03/12/2008
Action: Other Report / Document

Global Id: T0606500247
Action Type: ENFORCEMENT
Date: 02/20/2008
Action: Staff Letter - #RCDEH 022008

Global Id: T0606500247
Action Type: ENFORCEMENT
Date: 02/20/2008
Action: Notice of Responsibility - #RCDEH 022008

Global Id: T0606500247
Action Type: ENFORCEMENT
Date: 02/13/2007
Action: Staff Letter - #RCDEH 021307

Global Id: T0606500247
Action Type: RESPONSE
Date: 10/12/2007
Action: Other Report / Document

Global Id: T0606500247
Action Type: RESPONSE
Date: 01/25/2008
Action: Other Report / Document

Global Id: T0606500247
Action Type: ENFORCEMENT
Date: 07/31/2003
Action: File review

Global Id: T0606500247
Action Type: REMEDIATION
Date: 11/06/2006
Action: Soil Vapor Extraction (SVE)

Global Id: T0606500247
Action Type: ENFORCEMENT
Date: 09/19/2008

SHELL MAGNOLIA CORONA (Continued) **S103820890**

Action: File review

Global Id: T0606500247
Action Type: Other
Date: 09/12/1991
Action: Leak Discovery

Global Id: T0606500247
Action Type: Other
Date: 09/12/1991
Action: Leak Stopped

Global Id: T0606500247
Action Type: Other
Date: 09/12/1991
Action: Leak Reported

Global Id: T0606500247
Action Type: RESPONSE
Date: 04/24/2009
Action: Well Destruction Report

Global Id: T0606500247
Action Type: RESPONSE
Date: 12/10/2008
Action: Request for Closure

Global Id: T0606500247
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0606500247
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606500247
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606500247
Action Type: ENFORCEMENT
Date: 01/21/2009
Action: Staff Letter - #RCDEH012109

Global Id: T0606500247
Action Type: ENFORCEMENT
Date: 05/11/2009
Action: Closure/No Further Action Letter - #RCDEH Closure

LUST:
Global Id: T0606500247
Status: Open - Case Begin Date
Status Date: 09/12/1991

SHELL MAGNOLIA CORONA (Continued) **S103820890**

Global Id: T0606500247
Status: Open - Site Assessment
Status Date: 09/12/1991

Global Id: T0606500247
Status: Open - Site Assessment
Status Date: 09/17/1991

Global Id: T0606500247
Status: Open - Remediation
Status Date: 11/06/2006

Global Id: T0606500247
Status: Open - Verification Monitoring
Status Date: 09/10/2007

Global Id: T0606500247
Status: Completed - Case Closed
Status Date: 05/11/2009

CORTESE:
Name: SHELL MAGNOLIA CORONA
Address: 1205 MAGNOLIA AVE
City,State,Zip: CORONA, CA 91719
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0606500247
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: SHELL MAGNOLIA CORONA
Address: 1205 MAGNOLIA AVE
City,State,Zip: CORONA, CA 91719
Site ID: 236232
CERS ID: T0606500247
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker

SHELL MAGNOLIA CORONA (Continued) **S103820890**

Entity Name:	CARL BERNHARDT - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517824495
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	SHARON BOLTINGHOUSE - RIVERSIDE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	3880 LEMON ST SUITE 200
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9519558980

U90 **SHELL #1205** **LUST S104791921**
SW **1205 MAGNOLIA AVE** **CDL N/A**
1/4-1/2 **CORONA, CA 91719**
0.408 mi.
2155 ft. **Site 2 of 2 in cluster U**

Relative: LUST REG 8:
Higher

Actual:
717 ft.

Name:	SHELL #1205
Address:	1205 MAGNOLIA AVE
City:	CORONA
Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Post remedial action monitoring
Case Number:	083301917T
Local Case Num:	91850
Case Type:	Soil only
Substance:	Regular Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Piping
Global ID:	T0606500247
How Stopped Date:	9/12/1991
Enter Date:	7/26/1991
Date Confirmation of Leak Began:	9/12/1991
Date Preliminary Assessment Began:	6/18/1992
Discover Date:	9/12/1991
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	9/17/1991
Date Pollution Characterization Began:	9/29/1995
Date Remediation Plan Submitted:	Not reported

SHELL #1205 (Continued) **S104791921**

Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	2/16/1996
Enter Date:	7/26/1991
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.864545
Longitude:	-117.544116
MTBE Date:	2/5/2004
Max MTBE GW:	250
MTBE Concentration:	0
Max MTBE Soil:	3400
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	CAB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: LEAK FOUND IN FLEXCONNECTOR OF TURBINE. FLEX CONNECTOR REPAIRED. RIVERSIDE COUNTY AGREED TO A 3 YEAR WAITING PERIOD. CONFIRMATION BORINGS TO BE DRILLED DURING THE FIRST QUARTER OF 1999.

CDL:

Name:	Not reported
Address:	1205 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 92879
Facility ID:	2005-05-003
Date:	05/11/2005
Labtype:	Abandoned Drug Lab
Lab Type:	Abandoned Drug Lab Waste (A) - location away from an actual illegal drug lab where drug lab waste and/or equipment were abandoned.

V91 **THAKAR ALUMINUM** **SWF/LF** **S109286190**
NNW **1462 QUARRY ST** **LUST** **N/A**
1/4-1/2 **CORONA, CA 91719** **Cortese**
0.468 mi. **CERS**
2470 ft. **Site 1 of 2 in cluster V**

Relative:
Lower

Actual:
627 ft.

SWF/LF (SWIS):

Name:	IMCO RECYCLING OF CALIFORNIA INC
Address:	1462 QUARRY STREET
City,State,Zip:	CORONA, CA 99999
Region:	STATE
Facility ID:	33-AA-0222
SWIS Number:	33-AA-0222
Point of Contact:	Angela Gomez
Is Archived:	Yes
Is Closed Illegal Abandoned:	No

THAKAR ALUMINUM (Continued) **S109286190**

Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Corona
Reporting Agency Legal Name:	County of Riverside
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Riverside
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Exempt

RIVERSIDE CO. LUST:

Name:	THAKAR ALUMINUM
Address:	1462 QUARRY ST
City,State,Zip:	CORONA, CA
Region:	RIVERSIDE
Facility ID:	90489
Employee:	Malloy
Site Closed:	Yes
Case Type:	Drinking Water Aquifer affected
Facility Status:	closed/action completed
Casetype Decode:	An Aquifer used for Drinking Water supply has been contaminated.
Fstatus Decode:	Closed/Action completed

LUST:

Name:	THAKAR ALUMINUM
Address:	1462 QUARRY ST
City,State,Zip:	CORONA, CA 91719
Lead Agency:	RIVERSIDE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500188
Global Id:	T0606500188
Latitude:	33.8771567916142
Longitude:	-117.538790856067
Status:	Completed - Case Closed
Status Date:	09/14/1998
Case Worker:	RIV
RB Case Number:	083301552T
Local Agency:	RIVERSIDE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	90489
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0606500188
Contact Type:	Regional Board Caseworker
Contact Name:	MIGUEL OVIEDO
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 Main Street, Suite 500
City:	RIVERSIDE

THAKAR ALUMINUM (Continued) **S109286190**

Email: miguel.oviedo@waterboards.ca.gov
Phone Number: 9517823238

Global Id: T0606500188
Contact Type: Local Agency Caseworker
Contact Name: Riverside County LOP
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: Not reported
Phone Number: 9519558980

LUST:
Global Id: T0606500188
Action Type: ENFORCEMENT
Date: 09/13/1998
Action: File review - #RCDEH Upload Site File 11/17/2010

Global Id: T0606500188
Action Type: Other
Date: 05/14/1990
Action: Leak Discovery

Global Id: T0606500188
Action Type: Other
Date: 05/14/1990
Action: Leak Stopped

Global Id: T0606500188
Action Type: Other
Date: 06/05/1990
Action: Leak Reported

Global Id: T0606500188
Action Type: ENFORCEMENT
Date: 09/14/1998
Action: Closure/No Further Action Letter - #Riv Co Closure

LUST:
Global Id: T0606500188
Status: Open - Case Begin Date
Status Date: 05/14/1990

Global Id: T0606500188
Status: Open - Site Assessment
Status Date: 06/05/1990

Global Id: T0606500188
Status: Open - Site Assessment
Status Date: 06/07/1990

Global Id: T0606500188
Status: Open - Site Assessment
Status Date: 10/04/1990

Global Id: T0606500188

THAKAR ALUMINUM (Continued) **S109286190**

Status: Open - Remediation
Status Date: 02/25/1991

Global Id: T0606500188
Status: Completed - Case Closed
Status Date: 09/14/1998

CORTESE:
Name: THAKAR ALUMINUM
Address: 1462 QUARRY ST
City,State,Zip: CORONA, CA 91719
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0606500188
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: CORONA LANDFILL
Address: 1462 QUARRY ST
City,State,Zip: CORONA, CA 92879
Site ID: 208441
CERS ID: L10005490322
CERS Description: Land Disposal Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: WILLIAM B. RICE - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: LANDFILL,CORONA
Address: 1462 QUARRY
City,State,Zip: CORONA, CA

THAKAR ALUMINUM (Continued) **S109286190**

Site ID: 238411
CERS ID: L10003130170
CERS Description: Land Disposal Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: KEITH PERSON - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: THAKAR ALUMINUM
Address: 1462 QUARRY ST
City,State,Zip: CORONA, CA 91719
Site ID: 260851
CERS ID: T0606500188
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: Riverside County LOP - RIVERSIDE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 3880 LEMON ST SUITE 200
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9519558980

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MIGUEL OVIEDO - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 Main Street, Suite 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517823238

V92 **THAKAR ALUMINUM** **LUST** **S104761327**
NNW **1462 QUARRY ST** **EMI** **N/A**
1/4-1/2 **CORONA, CA 91719** **HIST CORTESE**
0.468 mi.
2470 ft. **Site 2 of 2 in cluster V**

Relative: **Lower**
Actual: **627 ft.**

LUST REG 8:
Name: THAKAR ALUMINUM
Address: 1462 QUARRY ST
City: CORONA
Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Pollution Characterization

THAKAR ALUMINUM (Continued) **S104761327**

Case Number:	083301552T
Local Case Num:	900489
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	RADIO
Enf Type:	None Taken
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500188
How Stopped Date:	5/14/1990
Enter Date:	6/5/1990
Date Confirmation of Leak Began:	6/5/1990
Date Preliminary Assessment Began:	10/4/1990
Discover Date:	5/14/1990
Enforcement Date:	1/1/1965
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	6/7/1990
Date Pollution Characterization Began:	1/1/1965
Date Remediation Plan Submitted:	2/25/1991
Date Remedial Action Underway:	2/25/1991
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	6/5/1990
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.8776467
Longitude:	-117.5411512
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	TME
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: CONSULTANT PROPOSING TO REMOVE REMAINING UST AND DRILL ADDITIONAL SOIL BORINGS. ADDITIONAL ASSESSMENT/EXCAVATION AND REMOVAL OF THE ABANDONED UST WAS PROPOSED.

EMI:

Name:	IMCO RECYCLING OF CALIFORNIA I
Address:	1462 QUARRY ST

THAKAR ALUMINUM (Continued) **S104761327**

City,State,Zip:	CORONA, CA 91719
Year:	1996
County Code:	33
Air Basin:	SC
Facility ID:	100291
Air District Name:	SC
SIC Code:	3340
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	15
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HIST CORTESE:

edr_fname:	THAKAR ALUMINUM
edr_fadd1:	1462
City,State,Zip:	CORONA, CA 91719
Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083301552T

93
SE
1/4-1/2
0.486 mi.
2564 ft.

B.P. JOHN RECYCLING, INC.
1501 SHERBORN ROAD
CORONA, CA 92879

SWF/LF **S103953121**
LDS **N/A**
CERS

Relative:
Higher

Actual:
665 ft.

SWF/LF (SWIS):

Name:	B.P. JOHN RECYCLING, INC.
Address:	1501 SHERBORN ROAD
City,State,Zip:	CORONA, CA 92879
Region:	STATE
Facility ID:	33-AA-0304
SWIS Number:	33-AA-0304
Point of Contact:	Theodore Tasiopoulos
Is Archived:	Yes
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Closed
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Corona
Reporting Agency Legal Name:	County of Riverside
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of Riverside
Enforcing Agency Department:	Department of Environmental Health

B.P. JOHN RECYCLING, INC. (Continued) **S103953121**

Regulation Status: Notification

Operator:
SWIS Number: 33-AA-0304
Site Name: B.P. John Recycling, Inc.
Site Operational Status: Closed
Site Type: Non-Disposal Only
Site Regulatory Status: Notification
Latitude: 33.86197
Longitude: -117.52384
Is Archived: Yes
Operator: B.P. John Recycling, Inc.
Started On: 6/16/2006
Contact Name: Not reported
Contact Title: Not reported
Contact Email: Not reported
Contact Phone: (951) 696-1144
Street Address: Edward F. Metzler 38875 Avenida La Cresta
Operator City: Murrieta
Operator State: CA
Operator Zip: 92562-9155

Waste:
SWIS Number: 33-AA-0304
Site Name: B.P. John Recycling, Inc.
Activity: Chipping and Grinding Facility/Operation
Waste Type: Wood waste
Site Is Archived: Yes
Site Operational Status: Closed
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Theodore Tasiopoulos
Activity Is Archived: Yes
Activity Operational Status: Closed
Activity Regulatory Status: Notification
Activity Category: Composting
Activity Classification: Solid Waste Facility

SWIS Number: 33-AA-0304
Site Name: B.P. John Recycling, Inc.
Activity: Chipping and Grinding Facility/Operation
Waste Type: Construction/demolition
Site Is Archived: Yes
Site Operational Status: Closed
Site Regulatory Status: Notification
Site Type: Non-Disposal Only
Point of Contact: Theodore Tasiopoulos
Activity Is Archived: Yes
Activity Operational Status: Closed
Activity Regulatory Status: Notification
Activity Category: Composting
Activity Classification: Solid Waste Facility

SWIS Number: 33-AA-0304
Site Name: B.P. John Recycling, Inc.
Activity: Chipping and Grinding Facility/Operation
Waste Type: Green Materials

B.P. JOHN RECYCLING, INC. (Continued) **S103953121**

Site Is Archived:	Yes
Site Operational Status:	Closed
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Theodore Tasiopoulos
Activity Is Archived:	Yes
Activity Operational Status:	Closed
Activity Regulatory Status:	Notification
Activity Category:	Composting
Activity Classification:	Solid Waste Facility

LDS:

Name:	BP JOHN GREENWASTE RECYCLING
Address:	1501 SHERBORN RD
City,State,Zip:	CORONA, CA 92879
Global Id:	L10009695926
Latitude:	33.86197
Longitude:	-117.5238
Case Type:	Land Disposal Site
Status:	Completed - Case Closed
Status Date:	01/01/1965
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Caseworker:	JPL
Local Agency:	Not reported
RB Case Number:	8 332710001
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Not reported
EDR Link ID:	L10009695926
Potential Contaminants of Concern:	Not reported
Site History:	BP John no longer operates a greenwaste chipping and grinding facility in Corona.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	GREENWASTE, BP JOHN RECYCLING-CORONA
Address:	1501 SHERBORN ROAD
City,State,Zip:	CORONA, CA
Site ID:	240015
CERS ID:	L10009695926
CERS Description:	Land Disposal Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JOANNE LEE - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

94
ESE
1/4-1/2
0.493 mi.
2605 ft.

CITY OF CORONA SITE
1601 SHERBORN RD
CORONA, CA 92879

US BROWNFIELDS **1010340802**
N/A

Relative:
Higher

Actual:
663 ft.

US BROWNFIELDS:

Name:	CITY OF CORONA SITE
Address:	1601 SHERBORN RD
City,State,Zip:	CORONA, CA 92879
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	107-070-016, -019, -030, -037, -046, -047, -048
Parcel size:	45
Latitude:	33.8601641
Longitude:	-117.5241607
HCM Label:	Unknown
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	-
Datum:	World Geodetic System of 1984
Acres Property ID:	48321
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	6000
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	Y
Cooperative Agreement Number:	n/a
Start Date:	03/01/2007
Ownership Entity:	Private
Completion Date:	03/31/2007
Current Owner:	II AVMGH
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-

CITY OF CORONA SITE (Continued) **1010340802**

Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-

CITY OF CORONA SITE (Continued) **1010340802**

Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	Previous uses of the Site include: gravel mining, serving as an inert waste landfill, wood-chipping, and a truck salvage operation.
Below Poverty Number:	5
Below Poverty Percent:	2.98
Meidan Income:	3449
Meidan Income Number:	38
Meidan Income Percent:	22.62
Vacant Housing Number:	0
Vacant Housing Percent:	0
Unemployed Number:	6
Unemployed Percent:	3.57
Name:	CITY OF CORONA SITE
Address:	1601 SHERBORN RD
City,State,Zip:	CORONA, CA 92879
Recipient Name:	R9 TBA - California (STAG Funded)
Grant Type:	TBA
Property Number:	107-070-016, -019, -030, -037, -046, -047, -048
Parcel size:	45
Latitude:	33.8601641
Longitude:	-117.5241607
HCM Label:	Unknown
Map Scale:	-
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	-
Datum:	World Geodetic System of 1984
Acres Property ID:	48321
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	58893
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-

CITY OF CORONA SITE (Continued) **1010340802**

Assessment Funding Entity:	US EPA - TBA Funding
Cleanup Funding Entity:	-
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	N
Cooperative Agreement Number:	n/a
Start Date:	03/01/2007
Ownership Entity:	Private
Completion Date:	03/31/2007
Current Owner:	II AVMGH
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	Not reported
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-

CITY OF CORONA SITE (Continued) **1010340802**

Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	Not reported
Property Description:	Previous uses of the Site include: gravel mining, serving as an inert waste landfill, wood-chipping, and a truck salvage operation.
Below Poverty Number:	5
Below Poverty Percent:	2.98
Meidan Income:	3449
Meidan Income Number:	38
Meidan Income Percent:	22.62
Vacant Housing Number:	0
Vacant Housing Percent:	0
Unemployed Number:	6
Unemployed Percent:	3.57

95 NE 1/2-1 0.515 mi. 2719 ft. | **NORCO ELEMENTARY SCHOOL MODERNIZATION**
1700 TEMESCAL AVENUE
NORCO, CA 92879 | **ENVIROSTOR SCH CERS** | **S118757305 N/A**

Relative: Higher

Actual: 656 ft.

ENVIROSTOR:

Name:	NORCO ELEMENTARY SCHOOL MODERNIZATION
Address:	1700 TEMESCAL AVENUE
City,State,Zip:	NORCO, CA 92879
Facility ID:	60002351
Status:	No Further Action
Status Date:	10/12/2016
Site Code:	404929
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	5.7
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Scarlett Zhai
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	, 60
Senate:	, 31
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.90717
Longitude:	-117.5488
APN:	125-250-002
Past Use:	PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, SCHOOL - ELEMENTARY
Potential COC:	Lead Lead Aldrin Chlordane DDD DDE DDT Dieldrin Endosulfan Endrin HCH (alpha HCH (beta HCH (gamma) Lindane HCH-technical Heptachlor Heptachlor epoxide Mirex Toxaphene Polychlorinated biphenyls (PCBs
Confirmed COC:	30004-NO 30006-NO 30007-NO 30008-NO 30010-NO 30013-NO 30018-NO 30023-NO 30043-NO 30207-NO 30261-NO 30308-NO 30309-NO 30313-NO 30314-NO 30315-NO 30316-NO 30400-NO 30013-NO
Potential Description:	SOIL
Alias Name:	125-250-002
Alias Type:	APN
Alias Name:	404929
Alias Type:	Project Code (Site Code)
Alias Name:	60002351
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	04/29/2016
Comments:	Background reports - Phase I and Phase I Addendum
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Tech Memo
Completed Date:	06/27/2016
Comments:	Not reported

NORCO ELEMENTARY SCHOOL MODERNIZATION (Continued) **S118757305**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/16/2016
Comments: DTSC approved the PEA report with a no further action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/13/2016
Comments: Annual Cost Estimate Letter sent to RP on 9/1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 06/20/2016
Comments: The EOA is signed by both parties and executed. Original agreement is mailed to RP on 6/21/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 08/21/2017
Comments: Closeout Form 1554 submitted on 6/29/17 and processed by CRBU on 8/21/17; closeout complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/18/2017
Comments: DTSC sent Refund of Advance Letter on 8/18/17.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: NORCO ELEMENTARY SCHOOL MODERNIZATION
Address: 1700 TEMESCAL AVENUE
City,State,Zip: NORCO, CA 92879
Facility ID: 60002351
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 5.7
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Scarlett Zhai

NORCO ELEMENTARY SCHOOL MODERNIZATION (Continued) **S118757305**

Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404929
Assembly:	, 60
Senate:	, 31
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	10/12/2016
Restricted Use:	NO
Funding:	School District
Latitude:	33.90717
Longitude:	-117.5488
APN:	125-250-002
Past Use:	PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, SCHOOL - ELEMENTARY
Potential COC:	Lead, Lead, Aldrin, Chlordane, DDD, DDE, DDT, Dieldrin, Endosulfan, Endrin, HCH (alpha, HCH (beta, HCH (gamma) Lindane, HCH-technical, Heptachlor, Heptachlor epoxide, Mirex, Toxaphene, Polychlorinated biphenyls (PCBs
Confirmed COC:	30004-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO, 30013-NO, 30018-NO, 30023-NO, 30043-NO, 30207-NO, 30261-NO, 30308-NO, 30309-NO, 30313-NO, 30314-NO, 30315-NO, 30316-NO, 30400-NO, , 30013-NO
Potential Description:	SOIL
Alias Name:	125-250-002
Alias Type:	APN
Alias Name:	404929
Alias Type:	Project Code (Site Code)
Alias Name:	60002351
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	04/29/2016
Comments:	Background reports - Phase I and Phase I Addendum
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Tech Memo
Completed Date:	06/27/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/16/2016
Comments:	DTSC approved the PEA report with a no further action determination.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	09/13/2016
Comments:	Annual Cost Estimate Letter sent to RP on 9/1
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	06/20/2016

NORCO ELEMENTARY SCHOOL MODERNIZATION (Continued) **S118757305**

Comments:	The EOA is signed by both parties and executed. Original agreement is mailed to RP on 6/21/2016.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/21/2017
Comments:	Closeout Form 1554 submitted on 6/29/17 and processed by CRBU on 8/21/17; closeout complete.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	08/18/2017
Comments:	DTSC sent Refund of Advance Letter on 8/18/17.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

CERS:

Name:	NORCO ELEMENTARY SCH
Address:	1700 TEMESCAL AVENUE
City,State,Zip:	NORCO, CA 92879
Site ID:	373539
CERS ID:	60002351
CERS Description:	School Investigation

Affiliation:

Affiliation Type Desc:	Supervisor
Entity Name:	SHAHIR HADDAD
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Lead Project Manager
Entity Name:	XIHONG (SCARLETT) ZHAI
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	CYPRESS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

96
NNW
1/2-1
0.527 mi.
2783 ft.

ALUMINUM & MAGNESIUM INC. DIVISION OF VULCAN MATER — **ENVIROSTOR** — **S107735831**
1300 W. SAMPSON — **N/A**
CORONA, CA 92879

Relative:
Lower

Actual:
629 ft.

ENVIROSTOR:

Name:	ALUMINUM & MAGNESIUM INC. DIVISION OF VULCAN MATERIALS
Address:	1300 W. SAMPSON
City,State,Zip:	CORONA, CA 92879
Facility ID:	60000220
Status:	Inactive - Needs Evaluation
Status Date:	01/14/2008
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP, US EPA
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	* Greg Holmes
Division Branch:	Cleanup Cypress
Assembly:	60
Senate:	31
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	33.87850
Longitude:	-117.5417
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	110025212491
Alias Type:	EPA (FRS #)
Alias Name:	60000220
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	06/13/2006
Comments:	Site Screening approved by EPA.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

97
NNE
1/2-1
0.579 mi.
3058 ft.

Relative:
Higher

Actual:
676 ft.

PALOS VERDES BUILDING CORP
1675 SAMPSON AVE
CORONA, CA 92879

Database(s): RCRA-LQG, ENVIROSTOR, CERS HAZ WASTE, CHMIRS, US AIRS, FINDS, ECHO, NPDES, CIWQS, CERS

EDR ID Number: 1000596037
EPA ID Number: CAD983599960

RCRA-LQG:

Date Form Received by Agency:	2020-02-17 00:00:00.0
Handler Name:	PALOS VERDES BUILDING CORP
Handler Address:	1675 SAMPSON AVE
Handler City,State,Zip:	CORONA, CA 92879-1889
EPA ID:	CAD983599960
Contact Name:	BALJEET AUJLA
Contact Address:	SAMPSON AVE
Contact City,State,Zip:	CORONA, CA 92879-1889
Contact Telephone:	951-371-8090 x121
Contact Fax:	951-371-4671
Contact Email:	BAUJLA@USBATTERY.COM
Contact Title:	EH&S DIR.
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2019
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	SAMPSON AVE
Mailing City,State,Zip:	CORONA, CA 92879
Owner Name:	TERRY AGRELIUS
Owner Type:	Private
Operator Name:	TERRY AGRELIUS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	Yes
Recycler Activity with Storage:	Yes
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	Yes
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	Yes
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-08-27 15:00:07.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2005

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RON ANDERSON
Legal Status:	Private
Date Became Current:	1991-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TERRY AGRELIUS
Legal Status:	Private
Date Became Current:	1991-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1675 SAMPSON AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879-1889
Owner/Operator Telephone:	951-371-8090
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	TGRELIUS@USBATTERY.COM

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MR JOHN ANDERSON
Legal Status:	Private
Date Became Current:	1991-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	A&A CALIFORNIA LLC
Legal Status:	Private
Date Became Current:	1999-06-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1675 SAMPSON AVE

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-371-8090
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CLIFFORD W RICHARDS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2750 RAYMOND AVE
Owner/Operator City,State,Zip:	SIGNAL HILL, CA 90806
Owner/Operator Telephone:	213-424-6609
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MR JOHN ANDERSON
Legal Status:	Private
Date Became Current:	1991-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1675 SAMPSON AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	A&A CALIFORNIA LLC
Legal Status:	Private
Date Became Current:	1999-06-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1675 SAMPSON AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-371-8090
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RON ANDERSON
Legal Status:	Private
Date Became Current:	1999-06-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	RON ANDERSON
Legal Status:	Private

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Date Became Current:	1991-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TERRY AGRELIUS
Legal Status:	Private
Date Became Current:	1991-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1675 SAMPSON AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879-1889
Owner/Operator Telephone:	951-371-8090
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	TGRELIUS@USBATTERY.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TERRY AGRELIUS
Legal Status:	Private
Date Became Current:	1991-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1675 SAMPSON AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879-1889
Owner/Operator Telephone:	951-371-8090
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	TAGRELIUS@USBATTERY.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHN E. ANDERSON
Legal Status:	Private
Date Became Current:	1991-06-11 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1675 SAMPSON AVENUE
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-371-8090
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHN E ANDERSON
Legal Status:	Private
Date Became Current:	1991-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1675 SAMPSON AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	951-371-8090
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	U.S. BATTERY MFG CO
Legal Status:	Private
Date Became Current:	1999-06-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TERRY AGRELIUS
Legal Status:	Private
Date Became Current:	1991-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1675 SAMPSON AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879-1889
Owner/Operator Telephone:	951-371-8090
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	TAGRELIUS@USBATTERY.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHN E. ANDERSON
Legal Status:	Private
Date Became Current:	1991-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1675 SAMPSON AVE.
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOHN E. ANDERSON
Legal Status:	Private
Date Became Current:	1991-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHN E. ANDERSON
Legal Status:	Private
Date Became Current:	1991-02-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1675 SAMPSON AVE
Owner/Operator City,State,Zip:	CORONA, CA 92879
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHN E. ANDERSON
Legal Status: Private
Date Became Current: 1991-02-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2010-02-24 00:00:00.0
Handler Name: PALOS VERDES BUILDING CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2013-02-21 00:00:00.0
Handler Name: PALOS VERDES BLDG. CORP DBA:US BATTERY MFG. CO.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2014-03-01 00:00:00.0
Handler Name: PALOS VERDES BLDG CORP, DBA US BATTERY MFG CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2016-06-21 00:00:00.0
Handler Name: PALOS VERDES BLDG. CORP DBA US BATTERY MFG. CO

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2018-01-13 00:00:00.0
Handler Name: PALOS VERDES BUILDING CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2020-02-17 00:00:00.0
Handler Name: PALOS VERDES BUILDING CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 1996-09-01 00:00:00.0
Handler Name: PALOS VERDES BUILDING CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1991-09-06 00:00:00.0
Handler Name: PALOS VERDES BUILDING CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-02 00:00:00.0
Handler Name: US BATTERY MFG CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1995-12-29 00:00:00.0
Handler Name: U.S. BATTERY MFG. CO.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1999-03-04 00:00:00.0
Handler Name: U.S. BATTERY MFG. CO.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2000-10-12 00:00:00.0
Handler Name: U.S. BATTERY MFG. CO.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Receive Date: 2002-02-28 00:00:00.0
Handler Name: US BATTERY MFG CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2004-02-13 00:00:00.0
Handler Name: PALOS VERDES BLDG CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-01-20 00:00:00.0
Handler Name: U.S. BATTERY MFG. CO.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2008-04-25 00:00:00.0
Handler Name: PALOS VERDES BUILDING CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 335911
NAICS Description: STORAGE BATTERY MANUFACTURING

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2018-02-13 00:00:00.0
Actual Return to Compliance Date:	2018-10-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2018-06-12 00:00:00.0
Actual Return to Compliance Date: 2018-09-17 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2018-02-13 00:00:00.0
Actual Return to Compliance Date:	2018-10-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2017-08-16 00:00:00.0
Actual Return to Compliance Date: 2018-09-17 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2017-08-16 00:00:00.0
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2018-02-13 00:00:00.0
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2005-08-22 00:00:00.0
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2017-08-16 00:00:00.0
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2018-02-13 00:00:00.0
Actual Return to Compliance Date: 2018-09-17 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2017-08-16 00:00:00.0
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2018-06-12 00:00:00.0
Actual Return to Compliance Date: 2018-09-17 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2018-07-12 00:00:00.0
Enforcement Identifier: 601
Date of Enforcement Action: 2018-07-10 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: AEOGEN1-082018
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 50000
Paid Amount: Not reported
Final Count: 1
Final Amount: 50000

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2018-02-13 00:00:00.0
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2018-06-12 00:00:00.0
Actual Return to Compliance Date:	2018-10-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2018-07-12 00:00:00.0
Enforcement Identifier:	601
Date of Enforcement Action:	2018-07-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	AEOGEN1-082018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 50000
Paid Amount: Not reported
Final Count: 1
Final Amount: 50000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2018-02-13 00:00:00.0
Actual Return to Compliance Date: 2018-09-17 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2018-06-12 00:00:00.0
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	2018-07-12 00:00:00.0
Enforcement Identifier:	601
Date of Enforcement Action:	2018-07-10 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	AEOGEN1-082018
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	50000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	50000

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2018-06-12 00:00:00.0
Actual Return to Compliance Date: 2018-10-01 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: 2018-07-12 00:00:00.0
Enforcement Identifier: 601
Date of Enforcement Action: 2018-07-10 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: AEOGEN1-082018
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 50000
Paid Amount: Not reported
Final Count: 1
Final Amount: 50000

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2018-09-17 00:00:00.0
Actual Return to Compliance Date:	2018-10-01 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Records/Reporting
Date Violation was Determined:	2018-06-12 00:00:00.0
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2018-06-12 00:00:00.0
Actual Return to Compliance Date: 2018-09-17 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2018-02-13 00:00:00.0
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2018-02-13 00:00:00.0
Actual Return to Compliance Date: 2018-09-17 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Evaluation Action Summary:

Evaluation Date:	2018-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-10-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2010-05-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-06-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-10-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2006-10-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-10-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-08-22 00:00:00.0
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-08-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-09-25 00:00:00.0

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-06-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	2018-07-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-06-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-10-01 00:00:00.0
Scheduled Compliance Date:	2018-07-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2018-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-06-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	2018-07-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-01-09 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	CMCDO
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-06-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-10-01 00:00:00.0
Scheduled Compliance Date:	2018-07-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-09-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-10-01 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Former Citation:	Not reported
Evaluation Date:	2018-06-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-06-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-07-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-02-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2018-09-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	U.S. BATTERY MFG. CO.
Address:	1675 SAMPSON AVENUE
City,State,Zip:	CORONA, CA 91719
Facility ID:	71003132
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Cypress
Assembly:	60
Senate:	31
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.87962
Longitude:	-117.5347
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD983599960
Alias Type:	EPA Identification Number
Alias Name:	110000862371
Alias Type:	EPA (FRS #)
Alias Name:	71003132
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: U.S. BATTERY MFG. COMPANY
Address: 1675 SAMPSON AVENUE
City,State,Zip: CORONA, CA 92879
Facility ID: 60002730
Status: Active
Status Date: 09/17/2018
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 60002730
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 09/17/2018
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

CERS HAZ WASTE:

Name:	U.S. BATTERY MFG. CO.
Address:	1675 SAMPSON AVE
City,State,Zip:	CORONA, CA 92879-1889
Site ID:	404674
CERS ID:	10153651
CERS Description:	Hazardous Waste Onsite Treatment

Name:	U.S. BATTERY MFG. CO.
Address:	1675 SAMPSON AVE
City,State,Zip:	CORONA, CA 92879-1889
Site ID:	404674
CERS ID:	10153651
CERS Description:	Hazardous Waste Generator

Name:	U.S. BATTERY MFG. CO.
Address:	1675 SAMPSON AVE
City,State,Zip:	CORONA, CA 92879-1889
Site ID:	404674
CERS ID:	10153651
CERS Description:	RCRA LQ HW Generator

CHMIRS:

Name:	Not reported
Address:	1675 SAMPSON AVE
City,State,Zip:	CORONA, CA
OES Incident Number:	10-1705
OES notification:	03/11/2010
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Waterway:	Not reported
Spill Site:	Merchant/Business
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	850
Year:	2010
Agency:	Spill Center Inc
Incident Date:	3/11/2010
Admin Agency:	Corona Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	sulfuric acid
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	RP States: While off-loading the acid there was a problem with one of the unloading hoses and the release was the result.

Name:	Not reported
Address:	1675 SAMPSON
City,State,Zip:	CORONA, CA
OES Incident Number:	10-1731
OES notification:	03/12/2010
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Other
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	823
Year:	2010
Agency:	Corona Fire Dept.
Incident Date:	3/11/2010
Admin Agency:	Corona Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Sulfuric Acid 95 %
Quantity Released:	300
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	A delivery truck was off-loading to a storage tank and hose broke causing the spill on to an asphalt parking lot.

US AIRS MINOR:

Envid:	1000596037
Region Code:	09
Programmatic ID:	AIR 0900000006065R9850

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Facility Registry ID: 110000862371
D and B Number: Not reported
Primary SIC Code: 3692
NAICS Code: 335911
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 09
Programmatic ID: AIR 0900000006065R9850
Facility Registry ID: 110000862371
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2010-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR 0900000006065R9850
Facility Registry ID: 110000862371
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: Not reported
Activity Status Date: 2012-10-28 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR 0900000006065R9850
Facility Registry ID: 110000862371
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 2010-02-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR 0900000006065R9850
Facility Registry ID: 110000862371
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date: 2011-04-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Information Request
Activity Status: Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Region Code:	09
Programmatic ID:	AIR 0900000006065R9850
Facility Registry ID:	110000862371
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date:	2012-10-09 00:00:00
Activity Status Date:	2012-10-09 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Closed

Region Code:	09
Programmatic ID:	AIR 0900000006065R9850
Facility Registry ID:	110000862371
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date:	2012-09-28 00:00:00
Activity Status Date:	2012-09-28 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Final Order Issued

Region Code:	09
Programmatic ID:	AIR 0900000006065R9850
Facility Registry ID:	110000862371
Air Operating Status Code:	OPR
Default Air Classification Code:	MIN
Air Program:	New Source Performance Standards
Activity Date:	2012-10-09 00:00:00
Activity Status Date:	2012-10-09 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Formal
Activity Status:	Closed

FINDS:
Registry ID: 110000862371

Click Here:

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
TSCA SUBMITTER
AIR EMISSIONS CLASSIFICATION UNKNOWN
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)

PALOS VERDES BUILDING CORP (Continued) **1000596037**

provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
OSHA ESTABLISHMENT
STATE MASTER
HAZARDOUS WASTE BIENNIAL REPORTER
AIR MINOR
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Registry ID: 110055690774

Click Here:

Environmental Interest/Information System:
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000596037
Registry ID:	110000862371
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000862371
Name:	US BATTERY MFG CO
Address:	1675 SAMPSON AVE
City,State,Zip:	CORONA, CA 92879

PALOS VERDES BUILDING CORP (Continued) **1000596037**

NPDES:

Name:	US BATTERY MANUFACTURING
Address:	1675 SAMPSON AVE
City,State,Zip:	CORONA, CA 92879
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 33I007289
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	07/13/1993
Operator Name:	US Battery Manufacturing
Operator Address:	1675 Sampson Ave
Operator City:	Corona
Operator State:	California
Operator Zip:	92879

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	210755
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33I007289
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/13/1993
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	John E Anderson
Discharge Address:	1675 Sampson Ave
Discharge City:	Corona
Discharge State:	California
Discharge Zip:	92879
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	210755
Order Number:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 33I007289
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	07/13/1993
Status:	Active
Status Date:	07/13/1993
Place Size:	6
Place Size Unit:	Acres
Contact:	Terry Agrelius
Contact Title:	Not reported
Contact Phone:	951-371-8090
Contact Phone Ext:	121
Contact Email:	jbailey@usbattery.com
Operator Name:	John E Anderson
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Individual
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	951-371-8090
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	City Of Corona Potw
Certifier:	JERRY BAILEY
Certifier Title:	EH&S DIR.
Certification Date:	27-JAN-15
Primary Sic:	3691-Storage Batteries
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	US BATTERY MANUFACTURING
Address:	1675 SAMPSON AVE
City,State,Zip:	CORONA, CA 92879
Facility Status:	Active
NPDES Number:	CAS000001
Region:	8
Agency Number:	0
Regulatory Measure ID:	210755
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 33I007289
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/13/1993
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1675 Sampson Ave
Discharge Name:	US Battery Manufacturing
Discharge City:	Corona
Discharge State:	California
Discharge Zip:	92879
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	210755
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33I007289
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/13/1993
Expiration Date Of Regulatory Measure:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	John E Anderson
Discharge Address:	1675 Sampson Ave
Discharge City:	Corona
Discharge State:	California
Discharge Zip:	92879
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	210755
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 33I007289
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	07/13/1993
Status:	Active
Status Date:	07/13/1993
Place Size:	6
Place Size Unit:	Acres
Contact:	Terry Agrelius
Contact Title:	Not reported
Contact Phone:	951-371-8090
Contact Phone Ext:	121
Contact Email:	jbailey@usbattery.com
Operator Name:	John E Anderson
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Private Individual
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	951-371-8090
Emergency Phone Ext:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	City Of Corona Potw
Certifier:	JERRY BAILEY
Certifier Title:	EH&S DIR.
Certification Date:	27-JAN-15
Primary Sic:	3691-Storage Batteries
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	US BATTERY MANUFACTURING
Address:	1675 SAMPSON AVE
City,State,Zip:	CORONA, CA 92879
Agency:	US Battery Manufacturing
Agency Address:	1675 Sampson Ave, Corona, CA 92879
Place/Project Type:	Industrial - Storage Batteries
SIC/NAICS:	3691
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 33I007289
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	07/13/1993
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	3
Violations within 5 years:	3
Latitude:	33.87898
Longitude:	-117.53394

CERS:

Name:	US BATTERY MFG CO

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Address: 1675 SAMPSON AVE
City,State,Zip: CORONA, CA 92879
Site ID: 78385
CERS ID: 91719SBTTR1675S
CERS Description: Toxic Release Inventory

Affiliation:
Affiliation Type Desc: Technical Contact
Entity Name: Zachary Cox
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 92879
Affiliation Phone: 9513718090

Affiliation Type Desc: Company Official
Entity Name: Baljeet Aujla
Entity Title: EHS Director
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 92879
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Company
Entity Name: PALOS VERDES BUILDING CORP
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 92879
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact
Entity Name: STEVE KAY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 92879
Affiliation Phone: 9513718090

Name: U.S. BATTERY MFG. CO.
Address: 1675 SAMPSON AVE
City,State,Zip: CORONA, CA 92879-1889
Site ID: 404674
CERS ID: 10153651
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 404674
Site Name: U.S. Battery Mfg. Co.

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Violation Date:	06-12-2018
Citation:	22 CCR 45 67450.2(c)(10) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(c)(10)
Violation Description:	Failure of the owner or operator of a fixed treatment unit (FTU), upon request by the CUPA or authorized agency, to prepare, and submit to CUPA a complete annual report detailing treatment activities conducted during the calendar year preceding the request.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	06-12-2018
Citation:	22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description:	Failure to maintain a copy of the contingency plan and all its revisions at the facility and to submit a copy to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	02-13-2018
Citation:	22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description:	Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	06-12-2018
Citation:	22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description:	Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes:	Returned to compliance on 06/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	08-19-2015

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Citation:	HSC 6.95 25504(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(a)
Violation Description:	Failure to complete and/or submit hazardous material inventory forms for all reportable hazardous materials on site.
Violation Notes:	Returned to compliance on 06/24/2016. Add - Soda Ash 1500 lbs.and C02/Argon mix. Update - Methylene Chloride 165 gal. max. and Epoxy Resin - 220 gal max.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	02-13-2018
Citation:	22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description:	Failure to maintain the required documents, including waste analysis plan, contingency plan, training documents, Phase I Environmental Assessment, written inspections schedules, etc. at the facility where the FTU is operating and upon request make these documents available to the authorized agency, DTSC, the CUPA, or EPA, or local government agency.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	02-13-2018
Citation:	22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description:	Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes:	Returned to compliance on 10/01/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	02-13-2018
Citation:	22 CCR 15 66265.52 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.52
Violation Description:	Failure to include all of the following in the Contingency Plan: description of actions personnel will take in response to a release or emergency, arrangements with local authorities, list of emergency coordinators including name, addresses & phone numbers, list of emergency equipment and their physical description, location and capabilities,- evacuation plan, and OES phone number. (If the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) Plan or some other emergency or contingency plan, the owner or operator need only amend that plan to incorporate hazardous waste management provisions.)
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HWLQG

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	02-13-2018
Citation:	22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description:	Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	02-13-2018
Citation:	22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description:	Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes:	Returned to compliance on 10/01/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	02-11-2020
Citation:	22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description:	Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes:	Returned to compliance on 03/11/2020.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	08-16-2017
Citation:	22 CCR 15 66262.41 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66262.41
Violation Description:	Failure of a large quantity RCRA generator to prepare the Biennial report (Form 8700), and submit to DTSC by March 1st on even numbered years ; and maintain it onsite for three years.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HWLQG

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 11-04-2014
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description: Failure of the LQG and/or TP generator, on all new and existing hazardous waste tank systems and ancillary equipment, to meet the following secondary containment requirements: 1) Designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system; and 2) Capable of detecting and collecting releases and accumulated liquids until the collected material is removed. 3) Constructed of or lined with materials that are compatible with the waste(s) to be placed in the tank system and shall have sufficient strength and thickness to prevent failure due to pressure gradients (including static head and external hydrological forces), physical contact with the waste to which they are exposed, climatic conditions, the stress of installation, and the stress of daily operation (including stresses from nearby vehicular traffic); 4) Placed on a foundation or base capable of providing support to the secondary containment system and resistance to pressure gradients above and below the system and capable of preventing failure due to settlement, compression, or uplift; 5) Provided with a leak detection system that is designed and operated so that it will detect the failure of either the primary and secondary containment structure or any release of hazardous waste or accumulated liquid in the secondary containment system within 24 hours, or at the earliest practicable time if the existing detection technology or site conditions will not allow detection of a release within 24 hours; 6) Sloped or otherwise designed or operated to drain and remove liquids resulting from leaks, spills, or precipitation. Spilled or leaked waste and accumulated precipitation shall be removed from the secondary containment system within 24 hours, or in as timely a manner as is possible to prevent harm to human health or the environment, if removal of the released waste or accumulated precipitation cannot be accomplished within 24
Violation Notes: Returned to compliance on 10/01/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 08-16-2017
Citation: 22 CCR 15 66265.35 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.35
Violation Description: Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection equipment, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless aisle space is not needed for any of these purposes.
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 404674

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Site Name: U.S. Battery Mfg. Co.
Violation Date: 02-13-2018
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 08-16-2017
Citation: 22 CCR 31 67100.8 - California Code of Regulations, Title 22, Chapter 31, Section(s) 67100.8
Violation Description: Failure of a generator to conduct, when required, a source reduction evaluation review and plan every four years, and/or failure of the review and plan to contain all required information.
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 06-12-2018
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description: Failure to include all required information in the tank system assessment.
Violation Notes: Returned to compliance on 10/01/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 11-04-2014
Citation: 22 CCR 45 67450.3(c)(7) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(7)
Violation Description: Failure to permanently mark the exterior of each Fixed TU with the name of the person which owns or operates the FTU, facility identification number and an individual serial number.
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 06-12-2018
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain the required documents, including waste analysis plan, contingency plan, training documents, Phase I Environmental

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Assessment, written inspections schedules, etc. at the facility where the FTU is operating and upon request make these documents available to the authorized agency, DTSC, the CUPA, or EPA, or local government agency.
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 02-13-2018
Citation: 22 CCR 45 67450.3(c)(8)(G) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)(G)
Violation Description: Failure to prepare a written closure plan, to notify CUPA 15 days prior to the completion of closure, or to submit to CUPA a closure certification signed by the owner/operator and an independent P.E.
Violation Notes: Returned to compliance on 10/01/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 06-12-2018
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description: Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 02-13-2018
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description: Failure to include all required information in the tank system assessment.
Violation Notes: Returned to compliance on 10/01/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 11-04-2014
Citation: 22 CCR 45 67450.13(a)(1) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(1)
Violation Description: Failure to prepare a written estimate of the cost of closing each unit which includes the cost that would be incurred for closing a treatment unit when using the owner or operator or generator's own staff and/or personal equipment taking into account any salvage value that may be

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realized from the sale of wastes, facility structure or equipment, land or other facility assets. This estimate shall be submitted as an attachment to the Certification of Financial Assurance for Permit by Rule and Conditionally Authorized Operations/ Maintenance page(s) of the Unified Program Consolidated Form (x/99)).
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 06-12-2018
Citation: 22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description: Failure to submit the signature page for the onsite treatment notification.
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 02-13-2018
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description: Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes: Returned to compliance on 10/01/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 11-04-2014
Citation: 22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h)
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer stating the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed and that the tank system has sufficient structural strength, compatibility with the waste(s) to be transferred, stored or treated, and corrosion protection so that it will not collapse, rupture, or fail. This assessment shall be obtained prior to placing the tank system in

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service, and shall be kept on file at the facility. The tank assessment shall be good for five years. This assessment shall also include, at a minimum, the following information: (1) Design standard(s) according to which the tank(s) and ancillary equipment are or will be constructed; (2) Hazardous characteristics of the waste(s) to be handled; (3) For new tank systems or components in which the external shell of a metal tank or any external metal component of the tank system is or will be in contact with the soil or with water, a determination by a corrosion expert of: (A) Factors affecting the potential for corrosion, including but not limited to: 1. Soil moisture content; 2. Soil pH; 3. Soil sulfides level; 4. Soil resistivity; 5. Structure to soil potential; 6. Influence of nearby underground metal structures (e.g., piping); 7. Stray electric current; and, 8. Existing corrosion-protection measures (e.g., coating, cathodic protection), and (B) The type and degree of external corrosion protection that are needed to ensure the integrity of the tank system during the use of the tank system or component, consisting of one or more of the following: 1. Corrosion-resistant materials of construction such as special alloys or fiberglass-reinforced plastic; 2. Corrosion-resistant coating (such as epoxy or f

Violation Notes: Returned to compliance on 10/01/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 06-12-2018
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description: Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes: Returned to compliance on 10/01/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 02-13-2018
Citation: 22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description: Failure to maintain a copy of the contingency plan and all its revisions at the facility and to submit a copy to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 06-12-2018
Citation: HSC 6.5 25200.14(b)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.14(b)(1)

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Violation Description: Failure to submit a Phase I Checklist to DTSC within one year of commencing operations.
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 02-13-2018
Citation: 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)
Violation Description: Failure to adjust Closure Costs for inflation / deflation by March 1st
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 06-12-2018
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description: Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes: Returned to compliance on 10/01/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 08-19-2015
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 10/09/2015. Refer to CERS for emergency numbers list for posting.
Violation Division: Corona Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 02-11-2020
Citation: 22 CCR 45 67450.3(c)(8) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(8)
Violation Description: Failure to maintain the required documents, including waste analysis plan, contingency plan, training documents, Phase I Environmental Assessment, written inspections schedules, etc. at the facility where

PALOS VERDES BUILDING CORP (Continued) **1000596037**

	the FTU is operating and upon request make these documents available to the authorized agency, DTSC, the CUPA, or EPA, or local government agency.
Violation Notes:	Returned to compliance on 03/11/2020. waste analysis plan & written closure plan
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	02-13-2018
Citation:	22 CCR 45 67450.13(a)(1) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(1)
Violation Description:	Failure to prepare a written estimate of the cost of closing each unit which includes the cost that would be incurred for closing a treatment unit when using the owner or operator or generator's own staff and/or personal equipment taking into account any salvage value that may be realized from the sale of wastes, facility structure or equipment, land or other facility assets. This estimate shall be submitted as an attachment to the Certification of Financial Assurance for Permit by Rule and Conditionally Authorized Operations/ Maintenance page(s) of the Unified Program Consolidated Form (x/99)).
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	02-13-2018
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if the waste generated is a hazardous waste.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	06-12-2018
Citation:	22 CCR 45 67450.2(b)(3)(B)(G) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(3)(B)(G)
Violation Description:	Failure to identify the following information in CERS: all generator information, all Permit-by-Rule treatment units, accurately list number of tanks and containers in each unit, and plot plan/map that shows unit locations are properly identified.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	11-04-2014
Citation:	22 CCR 15 66265.192(k) - California Code of Regulations, Title 22,

PALOS VERDES BUILDING CORP (Continued) **1000596037**

	Chapter 15, Section(s) 66265.192(k)
Violation Description:	Failure of the new hazardous waste tank assessment to include all of the following information: 1) Tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information; A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions. 3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the age); 4) Description and evaluation of any leak detection equipment; 5) Description and evaluation of any corrosion protection equipment, devices, or material; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193(f); 8) Hazardous characteristics of the waste(s) that have been or will be handled; 9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection: A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank syste
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	06-12-2018
Citation:	22 CCR 45 67450.13(a)(1) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(1)
Violation Description:	Failure to prepare a written estimate of the cost of closing each unit which includes the cost that would be incurred for closing a treatment unit when using the owner or operator or generator's own staff and/or personal equipment taking into account any salvage value that may be realized from the sale of wastes, facility structure or equipment, land or other facility assets. This estimate shall be submitted as an attachment to the Certification of Financial Assurance for Permit by Rule and Conditionally Authorized Operations/ Maintenance page(s) of the Unified Program Consolidated Form (x/99)).
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Site Name:	U.S. Battery Mfg. Co.
Violation Date:	11-04-2014
Citation:	22 CCR 15 66265.35 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.35
Violation Description:	Failure to maintain aisle space to allow the unobstructed movement of personnel, fire protection, spill control equipment, and decontamination equipment to any area of facility operation in an emergency, unless it can be demonstrated to the Department that aisle space is not needed for any of these purposes.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	02-13-2018
Citation:	22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description:	Failure to include all required information in the new tank system assessment.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	02-13-2018
Citation:	22 CCR 45 67450.13(a)(4) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(4)
Violation Description:	Failure to submit financial assurance form upon a change in the closure plan or when there is an increase in the closure costs.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	11-04-2014
Citation:	22 CCR 45 67450.2(c)(10) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(c)(10)
Violation Description:	Failure of the generator to prepare, maintain, and submit to CUPA an annual report containing the following information: (A) The serial number(s) of the FTU(s) involved in treatment; (B) The physical and mailing address of the business entity which owns or operates the FTU(s); (C) The name, title and telephone number of each FTU contact person; (D) The name and address or legal description of the facility; (E) The facility identification number; (F) The number of days each FTU was operated; (G) The quantity of hazardous waste(s) treated by each FTU; (H) The composition and hazardous characteristics of the influent hazardous waste(s); (I) The treatment method(s) used for each hazardous waste treated by each FTU; (J) The quantity, composition and hazardous characteristic(s) of any treatment effluent or residual discharged from each FTU to a POTW, if applicable; and (K) The quantity, composition, hazardous characteristic(s) and disposition of

PALOS VERDES BUILDING CORP (Continued) **1000596037**

	any FTU treatment effluent or residual that was not discharged to a POTW, if applicable.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	08-16-2017
Citation:	22 CCR 15 66265.171 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.171
Violation Description:	Failure to accumulate hazardous waste in a container that is in good condition.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	11-04-2014
Citation:	22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)
Violation Description:	Failure to adjust Closure Costs for inflation / deflation by March 1st
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	08-19-2015
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 10/09/2015. Make placard for front of building according to overall highest NFPA ratings. Refer to safety data sheet.
Violation Division:	Corona Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	11-04-2014
Citation:	22 CCR 15 66265.191(g) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.191(g)
Violation Description:	Failure of the Existing Hazardous Waste Tank P.E. assessment to contain the following: 1) Tank configuration (i.e., horizontal, vertical), and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were constructed and all of the following information: A) Material of construction; B) Material thickness and the method used to determine the thickness; C) Description of tank system piping (material, diameter); D) Description of any internal and external pumps; and E) Sketch or drawing of tank including dimensions. 3) Documented age of

PALOS VERDES BUILDING CORP (Continued) **1000596037**

	the tank system, if available, otherwise, an estimate of the age based on owner or operator knowledge; 4) Description and evaluation of the adequacy of any leak detection equipment; 5) Description and evaluation of any corrosion protection equipment; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Hazardous characteristics of the waste(s) that have been or will be handled; 8) Description of any structural damage or inadequate construction or installation such as cracks, punctures, or damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank system is certified for use. 9) Results of a leak test, internal inspection, or other tank system integrity examination including the type of integrity examination performed (i.e., ultrasonic, internal examination, volumetric tank test, pipeline pressure test). Tank system integrity or leak test requirements must be in compliance with all local requirements. Prior to conducting a tank system integrity test or leak test, contact local agency staff for local requirements. 10) Estimated remaining service life of the tank system based on findings of subsections 1) through 9).
Violation Notes:	Returned to compliance on 10/01/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	06-12-2018
Citation:	22 CCR 45 67450.3(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(A)
Violation Description:	Failure to prepare a treatment system inspection program and the log of inspections conducted, and maintain onsite for three years.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	06-12-2018
Citation:	22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description:	Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	11-04-2014
Citation:	22 CCR 15 66265.191(e) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.191(e)
Violation Description:	Failure of the generator conducting CE, CA, or PBR treatment activity to annually obtain and maintain a current P.E. assessment of the existing Hazardous Waste tank systems which lacks secondary containment meeting the requirements of section 66265.193. The P.E.

PALOS VERDES BUILDING CORP (Continued) **1000596037**

assessment shall determine that the tank system is adequately designed and has sufficient structural strength and compatibility with the waste(s) to be transferred, stored or treated to ensure that it will not collapse, rupture, or fail. At a minimum, this assessment shall consider the following: 1) Design standard(s), if available, according to which the tank and ancillary equipment were constructed; 2) Hazardous characteristics of the waste(s) that have been or will be handled; 3) Existing corrosion protection measures; 4) Documented age of the tank system, if available, (otherwise, an estimate of the age); and 5) Results of a leak test, internal inspection, or other tank integrity examination such that: A) For non-enterable underground tanks, this assessment shall consist of a leak test that is capable of taking into account the effects of temperature variations, tank end deflection, vapor pockets, and high water table effects, B) For other than non-enterable underground tanks and for ancillary equipment, this assessment shall be either a leak test, as described above, or an internal inspection and/or other tank integrity examination certified by an independent, qualified, professional engineer, registered in California, in accordance with section 66270.11(d) that addresses cracks, leaks, corrosion, and erosion. 6) For tank systems that transfer, store or treat materials that become hazardous wastes this assessment shall be conducted within 12 months after the date that the waste becomes a hazardous waste, 7) The tank system assessment shall include all of the following information: a) Tank configuration (i.e., horizontal, vertical), and gross capacity (in gallons); b) Design standard(s), if available, according to which the tank and ancillary equipme

Violation Notes: Returned to compliance on 10/01/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: PBR
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 09-17-2018
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description: Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes: Returned to compliance on 10/01/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Violation Date: 06-12-2018
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if the waste generated is a hazardous waste.
Violation Notes: Returned to compliance on 09/17/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Violation Date:	06-12-2018
Citation:	22 CCR 45 67450.13(a)(4) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(4)
Violation Description:	Failure to submit financial assurance form upon a change in the closure plan or when there is an increase in the closure costs.
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	06-12-2018
Citation:	22 CCR 15 66265.52 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.52
Violation Description:	Failure to include all of the following in the Contingency Plan: description of actions personnel will take in response to a release or emergency, arrangements with local authorities, list of emergency coordinators including name, addresses & phone numbers, list of emergency equipment and their physical description, location and capabilities,- evacuation plan, and OES phone number. (If the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) Plan or some other emergency or contingency plan, the owner or operator need only amend that plan to incorporate hazardous waste management provisions.)
Violation Notes:	Returned to compliance on 09/17/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	06-12-2018
Citation:	22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description:	Failure to meet secondary containment requirements for hazardous waste tank systems or components.
Violation Notes:	Returned to compliance on 10/01/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS
Site ID:	404674
Site Name:	U.S. Battery Mfg. Co.
Violation Date:	06-12-2018
Citation:	22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description:	Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes:	Returned to compliance on 10/01/2018.
Violation Division:	Riverside County Department of Env Health

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Violation Program: HWLQG
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-01-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Corona Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Tiered inspection
Eval Division: Riverside County Department of Env Health
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-13-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-13-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-27-2010
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: Riverside County
Eval Division: Riverside County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-12-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Eval General Type:	Other/Unknown
Eval Date:	06-12-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Written Assessment for waste tanks conducted but was condition on meeting the seismic requirements outlined in the report. Seismic requirements not conducted.
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-17-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Email report to Jerry Bailey H&S Coordinator.
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	07-17-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Emailed report to Jerry Bailey, H&S Coordinator.
Eval Division:	Riverside County Department of Env Health
Eval Program:	HWLQG
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	08-07-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Pre hearing AEO settlement meeting notice delivered.
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-16-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HWLQG
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-19-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Methylene chloride removed 6/24/16
Eval Division:	Corona Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Other/Unknown

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Eval Date:	09-17-2018
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-25-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-25-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Tiered Permitting Insp.(initial)
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-01-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HWLQG
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	10-01-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-04-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	TP Insp. Continued
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-04-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Eval Notes:	TP Insp.
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-04-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Continuation of Iiered Permitting
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-04-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Continue w/ Tiered Permitting
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-04-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Writing Tiered Permit Report
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-09-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Continue Writing Tiered Permitting Report
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-09-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Writing Tiered Insp. Report
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	12-10-2014
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Reviewed Insp. Report obtained Signature.
Eval Division:	Riverside County Department of Env Health
Eval Program:	PBR

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Eval Source: CERS

Enforcement Action:
Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Site Address: 1675 SAMPSON AVE
Site City: CORONA
Site Zip: 92879-1889
Enf Action Date: 07-10-2018
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Fines/Penalties Assessed: $50,000.00. SEPs Value: $875.00.
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HWLQG
Enf Action Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Site Address: 1675 SAMPSON AVE
Site City: CORONA
Site Zip: 92879-1889
Enf Action Date: 07-10-2018
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Fines/Penalties Assessed: $50,000.00. SEPs Value: $875.00.
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: PBR
Enf Action Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Site Address: 1675 SAMPSON AVE
Site City: CORONA
Site Zip: 92879-1889
Enf Action Date: 08-19-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Corona Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 404674
Site Name: U.S. Battery Mfg. Co.
Site Address: 1675 SAMPSON AVE
Site City: CORONA
Site Zip: 92879-1889
Enf Action Date: 11-04-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: PBR
Enf Action Source: CERS

Affiliation:

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055

Affiliation Type Desc:	Environmental Contact
Entity Name:	Baljeet Aujla
Entity Title:	Not reported
Affiliation Address:	1675 SAMPSON AVE
Affiliation City:	CORONA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92879
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Terry Agrelius
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(706) 790-0218

Affiliation Type Desc:	Document Preparer
Entity Name:	Baljeet Aujla
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Baljeet Aujla
Entity Title:	Environmental Safety & Health Dir.
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1675 SAMPSON AVE
Affiliation City:	CORONA
Affiliation State:	CA
Affiliation Country:	Not reported

PALOS VERDES BUILDING CORP (Continued) **1000596037**

Affiliation Zip:	92879
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Terry Agrelius
Entity Title:	Not reported
Affiliation Address:	1895 Tobacco Road
Affiliation City:	Augusta
Affiliation State:	GA
Affiliation Country:	United States
Affiliation Zip:	30906
Affiliation Phone:	(800) 522-0945
Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Jerry Bailey
Entity Title:	Environmental Health
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	U.S. Battery Mfg.Co.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

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98 ENE 1/2-1 0.596 mi. 3145 ft.

ALL AMERICAN ASPHALT
14224 MAGNOLIA
CORONA, CA 91720

SEMS-ARCHIVE **1003879305**
ENVIROSTOR **CAD982359648**

Relative: Higher

Actual: 659 ft.

SEMS Archive:

Site ID:	0903169
EPA ID:	CAD982359648
Name:	ALL AMERICAN ASPHALT
Address:	14224 MAGNOLIA
Address 2:	Not reported
City,State,Zip:	CORONA, CA 91720
Cong District:	37
FIPS Code:	06065
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0903169
EPA ID:	CAD982359648
Site Name:	ALL AMERICAN ASPHALT

ALL AMERICAN ASPHALT (Continued) **1003879305**

NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1988-11-10 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0903169
EPA ID: CAD982359648
Site Name: ALL AMERICAN ASPHALT
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1988-11-10 05:00:00
Qual: N
Current Action Lead: St Perf

Region: 09
Site ID: 0903169
EPA ID: CAD982359648
Site Name: ALL AMERICAN ASPHALT
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1987-12-01 05:00:00
Finish Date: 1987-12-01 05:00:00
Qual: Not reported
Current Action Lead: St Perf

ENVIROSTOR:
Name: ALL AMERICAN ASPHALT
Address: 14224 MAGNOLIA
City,State,Zip: CORONA, CA 91720
Facility ID: 33290069
Status: Refer: Other Agency
Status Date: 05/01/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported

ALL AMERICAN ASPHALT (Continued) **1003879305**

Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 60
Senate: 31
Special Program: * CERC2
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.87416
Longitude: -117.5297
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * WASTE OIL & MIXED OIL
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982359648
Alias Type: EPA Identification Number
Alias Name: 33290069
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/01/1995
Comments: DATABASE VALIDATION CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 05/19/1988
Comments: PRELIM ASSESS DONE SI LOW: COUNTY DID NOT CONDUCT POST SAMPLIONG AFTER THE CLEAN UP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/09/1987
Comments: SITE SCREENING DONE PA RECOM BASED ON LACK OF INFO

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/28/1983
Comments: FACILITY IDENTIFIED ID THROUGH ORANGE CO.BRANCH OF CO 60 FT PIT LOCATED ON LOT 2 OF COJALCO TRACK NO. 1. 1/4 MILE E OF RIVERSIDE CO DUBP.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

99
NE
1/2-1
0.840 mi.
4435 ft.

GLENN A. SINGER, INC.
1865 SAMPSON AVE
CORONA, CA 92879

ENVIROSTOR **S104576936**
N/A

Relative:
Higher

Actual:
663 ft.

ENVIROSTOR:

Name:	GLENN A. SINGER, INC.
Address:	1865 SAMPSON AVE
City,State,Zip:	CORONA, CA 92879
Facility ID:	71003811
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Cypress
Assembly:	60
Senate:	31
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.88022
Longitude:	-117.5278
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAL000294296
Alias Type:	EPA Identification Number
Alias Name:	71003811
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported
Completed Document Type:	Not reported
Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

100 WNW 1/2-1 0.874 mi. 4615 ft. | **CITY OF CORONA REDEVELOPMENT AGENCY**
EAST 6TH STREET: VACANT PARCELS,1040 E. 6TH STREET: THE CHUC
CORONA, CA 92879 | **ENVIROSTOR** | **S109348598**
N/A

Relative: Higher

Actual: 661 ft.

ENVIROSTOR:

Name:	CITY OF CORONA REDEVELOPMENT AGENCY
Address:	EAST 6TH STREET: VACANT PARCELS,1040 E. 6TH STREET: THE CHUCK WAGON RESTAURANT, 1049 CIRCLE CITY DRIVE: SINGLE FAMILY RESIDENCE
City,State,Zip:	CORONA, CA 92879
Facility ID:	60000996
Status:	No Further Action
Status Date:	11/09/2010
Site Code:	401465
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	4
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Eileen Mananian
Division Branch:	Cleanup Cypress
Assembly:	60
Senate:	31
Special Program:	EPA - Target Site Investigation
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.87445
Longitude:	-117.5539
APN:	117-320-012, 117-320-014, 117-320-015, 117-320-016, 117-320-017, 117-320-018, 117-320-020, 117-320-023, 117-320-051, 117-320-059
Past Use:	RESIDENTIAL AREA, UNKNOWN
Potential COC:	Arsenic DDD DDE DDT Lead Polychlorinated biphenyls (PCBs
Confirmed COC:	30001-NO 30006-NO 30007-NO 30008-NO 30013-NO 30018-NO
Potential Description:	SOIL
Alias Name:	117-320-012
Alias Type:	APN
Alias Name:	117-320-014
Alias Type:	APN
Alias Name:	117-320-015
Alias Type:	APN
Alias Name:	117-320-016
Alias Type:	APN
Alias Name:	117-320-017
Alias Type:	APN
Alias Name:	117-320-018
Alias Type:	APN
Alias Name:	117-320-020
Alias Type:	APN
Alias Name:	117-320-023
Alias Type:	APN
Alias Name:	117-320-051
Alias Type:	APN
Alias Name:	117-320-059
Alias Type:	APN
Alias Name:	401465

CITY OF CORONA REDEVELOPMENT AGENCY (Continued) **S109348598**

Alias Type: Project Code (Site Code)
Alias Name: 60000996
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/27/2008
Comments: Targeted Site Investigation application accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/12/2008
Comments: Supplemental background information for Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/01/2009
Comments: Final Phase I ESA Report along with addendum was e-mailed to City of Corona Redevelopment Agency on 4/8/2009

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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101 SSW 1/2-1 0.947 mi. 5000 ft. **CENTENNIAL HIGH SCHOOL EXPANSION**
1820 RIMPAU AVENUE
CORONA, CA 92881

ENVIROSTOR SCH CIWQS **S108201137 N/A**

Relative: Higher
Actual: 819 ft.

ENVIROSTOR:
Name: CENTENNIAL HIGH SCHOOL EXPANSION
Address: 1820 RIMPAU AVENUE
City,State,Zip: CORONA, CA 92881-3228
Facility ID: 33820003
Status: No Further Action
Status Date: 04/23/2001
Site Code: 404152
Site Type: School Investigation
Site Type Detailed: School
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Charles Ridenour
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 60

CENTENNIAL HIGH SCHOOL EXPANSION (Continued) **S108201137**

Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.85278
Longitude: -117.5448
APN: NONE SPECIFIED
Past Use: * EDUCATIONAL SERVICES
Potential COC: Arsenic DDD DDE DDT Lead
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: CENTENNIAL HIGH SCHOOL ADDITION
Alias Type: Alternate Name
Alias Name: CORONA-NORCO UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: CORONA/NORCO USD-CENTENNIAL HS SITE
Alias Type: Alternate Name
Alias Name: 404152
Alias Type: Project Code (Site Code)
Alias Name: 33820003
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/24/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/01/2000
Comments: Background report; no response/approval needed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/24/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 04/16/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/02/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

CENTENNIAL HIGH SCHOOL EXPANSION (Continued) **S108201137**

Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: CENTENNIAL HIGH SCHOOL
Address: 1820 RIMPAU AVENUE
City,State,Zip: CORONA, CA 92881
Facility ID: 60000843
Status: No Further Action
Status Date: 06/02/2009
Site Code: 404770
Site Type: School Investigation
Site Type Detailed: School
Acres: 6.3
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Aslam Shareef
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 60
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.85846
Longitude: -117.5473
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - LIVESTOCK, AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC: Arsenic Chlordane DDD DDE DDT Lead
Confirmed COC: 30001-NO 30004-NO 30013-NO 30006-NO 30007-NO 30008-NO
Potential Description: NMA
Alias Name: 404770
Alias Type: Project Code (Site Code)
Alias Name: 60000843
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/02/2009
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 08/18/2008
Comments: Agreement sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 04/11/2008

CENTENNIAL HIGH SCHOOL EXPANSION (Continued) **S108201137**

Comments:	Phase I Site Assessment Determination letter
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/19/2009
Comments:	DTSC issued Further Action determination based on a PEA Equivalent report
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	06/02/2009
Comments:	DTSC approved the SSI report with a No Further Action determination
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	CENTENNIAL HIGH SCHOOL EXPANSION
Address:	1820 RIMPAU AVENUE
City,State,Zip:	CORONA, CA 92881-3228
Facility ID:	33820003
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Charles Ridenour
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404152
Assembly:	60
Senate:	31
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	04/23/2001
Restricted Use:	NO
Funding:	School District
Latitude:	33.85278
Longitude:	-117.5448
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	Arsenic, DDD, DDE, DDT, Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL

CENTENNIAL HIGH SCHOOL EXPANSION (Continued) **S108201137**

Alias Name: CENTENNIAL HIGH SCHOOL ADDITION
Alias Type: Alternate Name
Alias Name: CORONA-NORCO UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: CORONA/NORCO USD-CENTENNIAL HS SITE
Alias Type: Alternate Name
Alias Name: 404152
Alias Type: Project Code (Site Code)
Alias Name: 33820003
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/24/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/01/2000
Comments: Background report; no response/approval needed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 04/24/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 04/16/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/02/2000
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Name: CENTENNIAL HIGH SCHOOL
Address: 1820 RIMPAU AVENUE
City,State,Zip: CORONA, CA 92881
Facility ID: 60000843
Site Type: School Investigation

CENTENNIAL HIGH SCHOOL EXPANSION (Continued) **S108201137**

Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	6.3
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Aslam Shareef
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404770
Assembly:	60
Senate:	31
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	06/02/2009
Restricted Use:	NO
Funding:	School District
Latitude:	33.85846
Longitude:	-117.5473
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - LIVESTOCK, AGRICULTURAL - ORCHARD, AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic, Chlordane, DDD, DDE, DDT, Lead
Confirmed COC:	30001-NO, 30004-NO, 30013-NO, 30006-NO, 30007-NO, 30008-NO
Potential Description:	NMA
Alias Name:	404770
Alias Type:	Project Code (Site Code)
Alias Name:	60000843
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/02/2009
Comments:	DTSC prepared project close out Cost Recovery Unit Memorandum.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	08/18/2008
Comments:	Agreement sent (FedEx) to District.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	04/11/2008
Comments:	Phase I Site Assessment Determination letter
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/19/2009
Comments:	DTSC issued Further Action determination based on a PEA Equivalent report
Completed Area Name:	PROJECT WIDE

CENTENNIAL HIGH SCHOOL EXPANSION (Continued) **S108201137**

Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	06/02/2009
Comments:	DTSC approved the SSI report with a No Further Action determination
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

CIWQS:

Name:	CENTENNIAL HIGH SCHOOL PH II THEATRE BLDG
Address:	1820 RIMPAU AVENUE
City,State,Zip:	CORONA, CA 92881
Agency:	Corona Norco Unified School District
Agency Address:	2820 Clark Aveune, Norco, CA 92860
Place/Project Type:	Construction - Reconstruction
SIC/NAICS:	Not reported
Region:	8
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	8 33C361300
NPDES Number:	CAS000002
Adoption Date:	01/01/1900
Effective Date:	06/24/2011
Termination Date:	05/29/2013
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.85856
Longitude:	-117.54542

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102 **HOME GARDENS ELEMENTARY SCHOOL** **ENVIROSTOR** **S109446157**
ENE **13550 TOLTON AVENUE** **SCH** **N/A**
1/2-1 **CORONA, CA 92503**
0.976 mi.
5153 ft.

Relative:
Higher

Actual:
672 ft.

ENVIROSTOR:

Name:	HOME GARDENS ELEMENTARY SCHOOL
Address:	13550 TOLTON AVENUE
City,State,Zip:	CORONA, CA 92503
Facility ID:	60000836
Status:	Certified
Status Date:	06/08/2011
Site Code:	404772

HOME GARDENS ELEMENTARY SCHOOL (Continued) **S109446157**

Site Type: School Cleanup
Site Type Detailed: School
Acres: 7.65
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 60
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.87629
Longitude: -117.5203
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS, SCHOOL - ELEMENTARY
Potential COC: Chlordane Aldrin Dieldrin Heptachlor
Confirmed COC: Chlordane Dieldrin Aldrin Heptachlor
Potential Description: SOIL
Alias Name: 404772
Alias Type: Project Code (Site Code)
Alias Name: 60000836
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/13/2008
Comments: DTSC determined that a Preliminary Environmental Assessment is required based on the Phase I report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/15/2009
Comments: DTSC concurs that further action is required for Management Areas B and C.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/28/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/22/2009
Comments: DTSC approved the RAW for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Tech Memo
Completed Date: 02/02/2009

HOME GARDENS ELEMENTARY SCHOOL (Continued) **S109446157**

Comments: DTSC concurs with TM provided that District addresses comments enclosed with TM Approval letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 02/17/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Tech Memo
Completed Date: 03/16/2009
Comments: DTSC concurred with the proposed field work outlined in the TM for Management Area B, via e-mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 02/24/2009
Comments: Approval of SFPD Form 4.15, Commitment to Complete Further Investigation and/or Response Actions Prior to Occupancy issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/23/2010
Comments: DTSC issued a No Further Action determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 05/13/2008
Comments: Signed agreement sent FedEx to District (signature date of 05/13/2008-delayed mailing because District did not provide Site Location Map and Site Diagram Map with agreement, as had been requested).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/08/2011
Comments: DTSC prpared a project close out cost recovery unit memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/08/2011
Comments: DTSC Certifies that all Removal Action Activities have been completed with confirmatory sampling meeting cleanup goals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 02/23/2009
Comments: Signed agreement sent (FedEx) to District.

HOME GARDENS ELEMENTARY SCHOOL (Continued) **S109446157**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Notice of Exemption
Completed Date:	07/22/2009
Comments:	Finalized and signed NOE after RAW public comment period.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	HOME GARDENS ELEMENTARY SCHOOL
Address:	13550 TOLTON AVENUE
City,State,Zip:	CORONA, CA 92503
Facility ID:	60000836
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	7.65
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404772
Assembly:	60
Senate:	31
Special Program Status:	Not reported
Status:	Certified
Status Date:	06/08/2011
Restricted Use:	NO
Funding:	School District
Latitude:	33.87629
Longitude:	-117.5203
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS, SCHOOL - ELEMENTARY
Potential COC:	Chlordane, Aldrin, Dieldrin, Heptachlor
Confirmed COC:	Chlordane, Dieldrin, Aldrin, Heptachlor
Potential Description:	SOIL
Alias Name:	404772
Alias Type:	Project Code (Site Code)
Alias Name:	60000836
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1

HOME GARDENS ELEMENTARY SCHOOL (Continued) **S109446157**

Completed Date: 03/13/2008
Comments: DTSC determined that a Preliminary Environmental Assessment is required based on the Phase I report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/15/2009
Comments: DTSC concurs that further action is required for Management Areas B and C.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/28/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/22/2009
Comments: DTSC approved the RAW for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Tech Memo
Completed Date: 02/02/2009
Comments: DTSC concurs with TM provided that District addresses comments enclosed with TM Approval letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 02/17/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Tech Memo
Completed Date: 03/16/2009
Comments: DTSC concurred with the proposed field work outlined in the TM for Management Area B, via e-mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 02/24/2009
Comments: Approval of SFPD Form 4.15, Commitment to Complete Further Investigation and/or Response Actions Prior to Occupancy issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 12/23/2010
Comments: DTSC issued a No Further Action determination.

Completed Area Name: PROJECT WIDE

HOME GARDENS ELEMENTARY SCHOOL (Continued) **S109446157**

Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 05/13/2008
Comments: Signed agreement sent FedEx to District (signature date of 05/13/2008-delayed mailing because District did not provide Site Location Map and Site Diagram Map with agreement, as had been requested).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/08/2011
Comments: DTSC prpared a project close out cost recovery unit memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/08/2011
Comments: DTSC Certifies that all Removal Action Activities have been completed with confirmatory sampling meeting cleanup goals.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 02/23/2009
Comments: Signed agreement sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 07/22/2009
Comments: Finalized and signed NOE after RAW public comment period.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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103 **SMOG CHECK OF CORONA** **LUST** **S100179038**
ENE **13537 MAGNOLIA AVE** **Cortese** **N/A**
1/2-1 **CORONA, CA 91719** **HIST CORTESE**
0.980 mi. **Notify 65**
5174 ft. **CERS**

Relative:
Higher

Actual:
666 ft.

LUST REG 8:
Name: SMOG CHECK OF CORONA
Address: 13537 MAGNOLIA AVE
City: CORONA
Region: 8
County: Riverside
Regional Board: Santa Ana Region
Facility Status: Remedial action (cleanup) Underway
Case Number: 083301194T

SMOG CHECK OF CORONA (Continued) **S100179038**

Local Case Num:	89331
Case Type:	Aquifer affected
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Cross Street:	DAVIDSON
Enf Type:	None Taken
Funding:	State Funds
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Corrosion
Leak Source:	Tank
Global ID:	T0606500118
How Stopped Date:	3/27/1989
Enter Date:	9/4/1989
Date Confirmation of Leak Began:	4/11/1989
Date Preliminary Assessment Began:	7/24/1989
Discover Date:	3/27/1989
Enforcement Date:	1/1/1965
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	3/12/1996
Date Remediation Plan Submitted:	3/3/1997
Date Remedial Action Underway:	6/1/1999
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/4/1989
GW Qualifies:	=
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Yes
Oversite Program:	LUST
Latitude:	33.8778118
Longitude:	-117.5215646
MTBE Date:	4/20/1999
Max MTBE GW:	331
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	A
Staff:	NOM
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: SOIL REM. ACT. RPT. DATE 6/1/99

RIVERSIDE CO. LUST:

Name:	SMOG CHECK OF CORONA
Address:	13537 MAGNOLIA AVE
City,State,Zip:	CORONA, CA

SMOG CHECK OF CORONA (Continued) **S100179038**

Region: RIVERSIDE
Facility ID: 89331
Employee: Boltinghous-LOP
Site Closed: Yes
Case Type: Drinking Water Aquifer affected
Facility Status: closed/action completed
Casetype Decode: An Aquifer used for Drinking Water supply has been contaminated.
Fstatus Decode: Closed/Action completed

LUST:
Name: SMOG CHECK OF CORONA
Address: 13537 MAGNOLIA AVE
City,State,Zip: CORONA, CA 91719
Lead Agency: RIVERSIDE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500118
Global Id: T0606500118
Latitude: 33.878003
Longitude: -117.521755
Status: Completed - Case Closed
Status Date: 05/22/2006
Case Worker: SCB
RB Case Number: 083301194T
Local Agency: RIVERSIDE COUNTY LOP
File Location: Not reported
Local Case Number: 89331
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0606500118
Contact Type: Local Agency Caseworker
Contact Name: SHARON BOLTINGHOUSE
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: sbolting@rivco.org
Phone Number: 9519558980

LUST:
Global Id: T0606500118
Action Type: ENFORCEMENT
Date: 01/24/2006
Action: Technical Correspondence / Assistance / Other

Global Id: T0606500118
Action Type: ENFORCEMENT
Date: 05/22/2006
Action: Closure/No Further Action Letter

Global Id: T0606500118
Action Type: ENFORCEMENT
Date: 05/21/2006
Action: File review - #RCDEH Upload Site File 10/21/2010

Global Id: T0606500118

SMOG CHECK OF CORONA (Continued) **S100179038**

Action Type: Other
Date: 03/27/1989
Action: Leak Discovery

Global Id: T0606500118
Action Type: Other
Date: 03/27/1989
Action: Leak Stopped

Global Id: T0606500118
Action Type: Other
Date: 04/11/1989
Action: Leak Reported

LUST:
Global Id: T0606500118
Status: Open - Case Begin Date
Status Date: 03/27/1989

Global Id: T0606500118
Status: Open - Site Assessment
Status Date: 04/11/1989

Global Id: T0606500118
Status: Open - Site Assessment
Status Date: 07/24/1989

Global Id: T0606500118
Status: Open - Site Assessment
Status Date: 03/12/1996

Global Id: T0606500118
Status: Open - Remediation
Status Date: 03/03/1997

Global Id: T0606500118
Status: Open - Verification Monitoring
Status Date: 06/29/1998

Global Id: T0606500118
Status: Open - Remediation
Status Date: 06/01/1999

Global Id: T0606500118
Status: Completed - Case Closed
Status Date: 05/22/2006

CORTESE:
Name: SMOG CHECK OF CORONA
Address: 13537 MAGNOLIA AVE
City,State,Zip: CORONA, CA 91719
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0606500118
Site/Facility Type: LUST CLEANUP SITE

SMOG CHECK OF CORONA (Continued) **S100179038**

Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	SMOG CHECK OF CORONA
edr_fadd1:	13537
City,State,Zip:	CORONA, CA 91719
Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083301194T

NOTIFY 65:

Name:	SMOG CHECK CORONA
Address:	13537 MAGNOLIA
City,State,Zip:	CORONA, CA 91719-2033
Date Reported:	Not reported
Staff Initials:	Not reported
Board File Number:	Not reported
Facility Type:	Not reported
Discharge Date:	Not reported
Issue Date:	Not reported
Incident Description:	Not reported
Global ID:	Not reported
Status:	Not reported

CERS:

Name:	SMOG CHECK OF CORONA
Address:	13537 MAGNOLIA AVE
City,State,Zip:	CORONA, CA 91719
Site ID:	234179
CERS ID:	T0606500118
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	SHARON BOLTINGHOUSE - RIVERSIDE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	3880 LEMON ST SUITE 200
Affiliation City:	RIVERSIDE
Affiliation State:	CA

SMOG CHECK OF CORONA (Continued) **S100179038**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9519558980

Count: 3 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CORONA	S121640071	FULLERTON AVE MAGNOLIA AVE	FULLERTON AVE MAGNOLIA AVE		CIWQS
CORONA	S121653131	MAGNOLIA AVE SO 3 6TH ST	45 MAGNOLIA	92881	CIWQS
CORONA	S107528363		13689 MAGNOLIA AVE (TIFFANY IN	92879	CDL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/11/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/15/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 7

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/09/2020
Date Data Arrived at EDR: 11/10/2020
Date Made Active in Reports: 01/14/2021
Number of Days to Update: 65

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 07/21/2020
Date Data Arrived at EDR: 09/03/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 83

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 12/02/2020
Date Data Arrived at EDR: 12/08/2020
Date Made Active in Reports: 02/23/2021
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/21/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/11/2020
Number of Days to Update: 80
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/11/2020
Date Data Arrived at EDR: 12/11/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 81
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/08/2020
Date Made Active in Reports: 02/22/2021
Number of Days to Update: 76

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/08/2020
Date Made Active in Reports: 02/22/2021
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2021
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 05/20/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/06/2020
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73
Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/20/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76
Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 09/29/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 69

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/07/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/21/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/05/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/21/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2020
Date Data Arrived at EDR: 11/12/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/10/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 59
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/02/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/05/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/27/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/08/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 88

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/18/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/24/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 03/01/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/11/2020
Date Data Arrived at EDR: 12/11/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/04/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 10/03/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 73
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 74
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/12/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/17/2020
Date Data Arrived at EDR: 11/18/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 78

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/25/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 77

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 78

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/16/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/22/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 01/29/2021
Number of Days to Update: 77

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/05/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/08/2020
Date Made Active in Reports: 02/22/2021
Number of Days to Update: 76
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 10/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2020
Date Data Arrived at EDR: 11/10/2020
Date Made Active in Reports: 01/27/2021
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/08/2020
Date Made Active in Reports: 02/22/2021
Number of Days to Update: 76
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/07/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 02/01/2021
Date Data Arrived at EDR: 02/19/2021
Date Made Active in Reports: 02/22/2021
Number of Days to Update: 3
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 02/18/2021
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/08/2020
Date Made Active in Reports: 02/22/2021
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/04/2020
Date Data Arrived at EDR: 12/04/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 76
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 20
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 78

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/24/2020
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 83

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/22/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/18/2020
Date Data Arrived at EDR: 11/19/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 77

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/29/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 01/28/2021
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/11/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 71

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 84

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/29/2020
Number of Days to Update: 81

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42
Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/20/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/29/2020
Number of Days to Update: 81
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 09/11/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 77

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 02/09/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 9

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 11/16/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 16

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/28/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 79

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/05/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/21/2021
Number of Days to Update: 79

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 1

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/16/2020
Date Data Arrived at EDR: 11/18/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 78
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/16/2021
Number of Days to Update: 77

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/27/2021
Number of Days to Update: 82

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/11/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/20/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/05/2021
Number of Days to Update: 74

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 05/16/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 12/03/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 77

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 09/18/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 78

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/11/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/30/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/02/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/01/2020
Date Data Arrived at EDR: 12/08/2020
Date Made Active in Reports: 02/22/2021
Number of Days to Update: 76
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/21/2020
Date Data Arrived at EDR: 12/23/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 12
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2020
Next Scheduled EDR Contact: 04/11/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/26/2021
Date Data Arrived at EDR: 01/28/2021
Date Made Active in Reports: 02/03/2021
Number of Days to Update: 6

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 02/23/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/12/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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1375 Magnolia Avenue

1375 Magnolia Ave

Corona, CA 92879

Inquiry Number: 5885663.8

November 26, 2019

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

11/26/19

Site Name:

1375 Magnolia Avenue
1375 Magnolia Ave
Corona, CA 92879
EDR Inquiry # 5885663.8

Client Name:

Hazard Management Consulting
211 W. Avenida Cordoba
San Clemente, CA 92672
Contact: Mark Cou

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: August 29, 1990	USDA
1985	1"=500'	Flight Date: September 13, 1985	USDA
1975	1"=500'	Flight Date: August 01, 1975	USGS
1967	1"=500'	Flight Date: May 15, 1967	USDA
1961	1"=500'	Flight Date: June 17, 1961	USDA
1959	1"=500'	Flight Date: October 16, 1959	USDA
1953	1"=500'	Flight Date: September 23, 1953	USDA
1948	1"=500'	Flight Date: July 10, 1948	USGS
1938	1"=500'	Flight Date: June 14, 1938	USDA
1931	1"=500'	Flight Date: September 18, 1931	FAIR

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INQUIRY #: 5885663.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 1994
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 1990
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 1985
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 1975
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 1967
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 1961
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 1959
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 1953
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 1948
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 1938
= 500'
N
EDR


INQUIRY #: 5885663.8
YEAR: 1931
= 500'
N
EDR

1375 Magnolia Avenue
1375 Magnolia Ave
Corona, CA 92879

Inquiry Number: 5885663.5
November 26, 2019

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

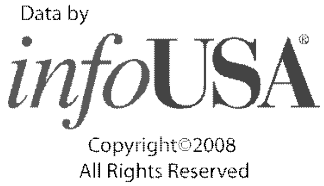
Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1921 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	-	X	X	-
2010	EDR Digital Archive	X	X	X	-
2005	EDR Digital Archive	X	X	X	-
2002	SBC PACIFIC BELL	-	X	X	-
	SBC PACIFIC BELL	X	X	X	-
2001	Haines & Company, Inc.	-	X	X	-
	Haines & Company, Inc.	X	X	X	-
1996	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1993	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1990	Pacific Bell	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1990	Pacific Bell	X	X	X	-
1986	Pacific Bell Yellow Pages	-	-	-	-
1981	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1977	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1970	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1967	Luskey Brothers & Co.	-	-	-	-
1966	Luskey Brothers & Company Inc.	-	-	-	-
1961	Luskey Brothers & Co.	-	-	-	-
1960	Luskeys Brothers & Co., Publishers	-	-	-	-
1956	Luskey Brothers & Co.	-	-	-	-
1955	Luskeys Brothers Co., Publishers	-	-	-	-
1951	Los Angeles Directory Co.	-	-	-	-
1946	Southern California Telephone Company	-	-	-	-
1945	Los Angeles Directory Co.	-	-	-	-
1941	Pacific Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1931	Southern California Telephone Co.	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Kaasen Directory Co.	-	-	-	-
1921	Riverside Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1375 Magnolia Ave
Corona, CA 92879

FINDINGS DETAIL

Target Property research detail.

MAGNOLIA AV CONVD

1375 MAGNOLIA AV CONVD

Year	*Uses*	*Source*
2002	CLOW VALVE CO	SBC PACIFIC BELL
	PACIFIC STATES CAST IRON	SBC PACIFIC BELL
	PIPE CO	SBC PACIFIC BELL

Magnolia Ave

1375 Magnolia Ave

Year	*Uses*	*Source*
2010	M H VALVE CA	EDR Digital Archive
2005	MCWANE INC	EDR Digital Archive
	PACIFIC STATES CAST IR PIPE CO	EDR Digital Archive

MAGNOLIA AVE

1375 MAGNOLIA AVE

Year	*Uses*	*Source*
2001	CLOW VALVE CO	Haines & Company, Inc.
	IRON PIPE CO	Haines & Company, Inc.
	PAC STATES CAST	Haines & Company, Inc.
1996	CLOW VALVE CO	Pacific Bell
	MERCURY RUBBER PRODUCTS	Pacific Bell
	PACIFIC STATES CAST IRON PIPE CO	Pacific Bell
	POWERDRILL INC	Pacific Bell
1993	Clow Valve Co	Pacific Bell
	Clowdus T	Pacific Bell
1990	CLOW VALVE CO	Pacific Bell
1981	Clow Corp	Pacific Telephone

FINDINGS

Year	Uses	Source
1981	From Covina Telephones Call	Pacific Telephone
	Rich Mfg Co Of Calif	Pacific Telephone
	Rich Valve Co	Pacific Telephone
1977	Clow Corp	Pacific Telephone
	From Covina Telephones Call	Pacific Telephone
	Rich Mfg Co Of Calif	Pacific Telephone
	Rich Valve Co	Pacific Telephone

MAGNOLIA ST

1375 MAGNOLIA ST

Year	Uses	Source
1970	Genl Offices	Pacific Telephone
	Rich Valve Co	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

MAGNOLIA AV CONVD

1296 MAGNOLIA AV CONVD

Year	Uses	Source
2002	DOWNS OIL CO INC	SBC PACIFIC BELL
	DOWNS COMMERCIAL	SBC PACIFIC BELL
	FUELING INC	SBC PACIFIC BELL
	DOWNS COMMERCIAL	SBC PACIFIC BELL
	FUELING INC	SBC PACIFIC BELL

1300 MAGNOLIA AV CONVD

Year	Uses	Source
2002	MINNESOTA METHANE LLC	SBC PACIFIC BELL

MAGNOLIA AVE

1296 MAGNOLIA AVE

Year	Uses	Source
2001	DOWNS COMMERCIAL	Haines & Company, Inc.
	FUELING INC DOWNS OIL 011 NC	Haines & Company, Inc.
1996	DOWNS OIL CO INC	Pacific Bell
1993	Garza Debbie	Pacific Bell
	GARYS WOODWORKS	Pacific Bell
1990	DOWNS OIL CO INC	Pacific Bell
	GARYS WOODWORKS	Pacific Bell

1300 MAGNOLIA AVE

Year	Uses	Source
2001	MN METHANE LLC	Haines & Company, Inc.
1996	OBRIEN ENVIROMENTAL ENERGY INC	Pacific Bell
1993	Obrien Mike & Vera	Pacific Bell
	OBrien Machinery Co	Pacific Bell
	OBrien Energy Corp	Pacific Bell
	OBrien Energy Corp	Pacific Bell
1990	OBRIEN ENERGY CORP	Pacific Bell
	OBRIEN MACHINERY CO	Pacific Bell

Year	Uses	Source
1990	OBRIEN ENERGY CORP	Pacific Bell

Magnolia Ave

1315 Magnolia Ave

Year	Uses	Source
2014	JACK IN BOX INC	EDR Digital Archive
	QUICK STUFF	EDR Digital Archive
2010	JACK IN BOX INC	EDR Digital Archive

MAGNOLIA AVE

1338 MAGNOLIA AVE

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1981	B C M SALES CORP	Pacific Telephone

1350 MAGNOLIA AVE

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.

1355 MAGNOLIA AVE

Year	Uses	Source
1977	Boyden Geo Jr l	Pacific Telephone

1370 MAGNOLIA AVE

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1990	DALE E CARROLL INC	Pacific Bell
	DALE E CARROL INC	Pacific Bell
	CARROLL DALE E INC	Pacific Bell

1427 MAGNOLIA AVE

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.

MAGNOLIA ST

1333 MAGNOLIA ST

Year	Uses	Source
1970	Pipe Shop	Pacific Telephone

FINDINGS

Sherborn St

1128 Sherborn St

Year	Uses	Source
2014	SPENUZZA INC	EDR Digital Archive
	IMPERIAL MANUFACTURING CO	EDR Digital Archive
	PARADYME GROUP LLC	EDR Digital Archive
2010	PARADYME GROUP LLC	EDR Digital Archive
	SPENUZZA INC	EDR Digital Archive
	IMPERIAL MANUFACTURING CO	EDR Digital Archive
2005	SPENUZZA	EDR Digital Archive
	PARADYME GROUP LLC	EDR Digital Archive

1169 Sherborn St

Year	Uses	Source
2014	FIRE-N-ICE	EDR Digital Archive
	THOMPSON CONSTRUCTION SUPPLY	EDR Digital Archive
	THOMPSON CONSTRUCTION SUPPLY	EDR Digital Archive
2010	THOMPSON DOOR & FRAME INC	EDR Digital Archive
	OLYMPIC STONE & MARBLE	EDR Digital Archive
	EXCEL DOWEL WOOD PRODUCTS	EDR Digital Archive
	FIRE-N-ICE	EDR Digital Archive

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1128 Sherborn St	2002, 2001, 1996, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
1169 Sherborn St	2005, 2002, 2001, 1996, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
1296 MAGNOLIA AV CONVD	2014, 2010, 2005, 2001, 1996, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
1296 MAGNOLIA AVE	2014, 2010, 2005, 2002, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
1300 MAGNOLIA AV CONVD	2014, 2010, 2005, 2001, 1996, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
1300 MAGNOLIA AVE	2014, 2010, 2005, 2002, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
1315 Magnolia Ave	2005, 2002, 2001, 1996, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
1333 MAGNOLIA ST	2014, 2010, 2005, 2002, 2001, 1996, 1993, 1990, 1986, 1981, 1977, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
1338 MAGNOLIA AVE	2014, 2010, 2005, 2002, 1996, 1993, 1990, 1986, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
1350 MAGNOLIA AVE	2014, 2010, 2005, 2002, 1996, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
1355 MAGNOLIA AVE	2014, 2010, 2005, 2002, 2001, 1996, 1993, 1990, 1986, 1981, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
1370 MAGNOLIA AVE	2014, 2010, 2005, 2002, 1996, 1993, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
1427 MAGNOLIA AVE	2014, 2010, 2005, 2002, 1996, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
1375 Magnolia Ave	2014, 1986, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921

1375 Magnolia Avenue

1375 Magnolia Ave

Corona, CA 92879

Inquiry Number: 5885663.3

November 26, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/26/19

Site Name:

1375 Magnolia Avenue
1375 Magnolia Ave
Corona, CA 92879
EDR Inquiry # 5885663.3

Client Name:

Hazard Management Consulting
211 W. Avenida Cordoba
San Clemente, CA 92672
Contact: Mark Cou

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Certified Sanborn Results:

Certification # B47D-45E5-9E1D

PO # NA

Project NA

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: B47D-45E5-9E1D

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- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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1375 Magnolia Avenue
1375 Magnolia Ave
Corona, CA 92879

Inquiry Number: 5885663.4
November 26, 2019

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

11/26/19

Site Name:

1375 Magnolia Avenue
1375 Magnolia Ave
Corona, CA 92879
EDR Inquiry # 5885663.4

Client Name:

Hazard Management Consulting
211 W. Avenida Cordoba
San Clemente, CA 92672
Contact: Mark Cou

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Hazard Management Consulting were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# NA
Project: NA

Coordinates:

Latitude:	33.869891 33° 52' 12" North
Longitude:	-117.537775 -117° 32' 16" West
UTM Zone:	Zone 11 North
UTM X Meters:	450261.78
UTM Y Meters:	3747859.99
Elevation:	648.00' above sea level

Maps Provided:

2012
1997
1988
1981, 1982
1973
1967
1954
1947
1942
1902

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Corona North
2012
7.5-minute, 24000



Corona South
2012
7.5-minute, 24000

1997 Source Sheets



Corona South
1997
7.5-minute, 24000
Aerial Photo Revised 1994

1988 Source Sheets



Corona South
1988
7.5-minute, 24000
Aerial Photo Revised 1987

1981, 1982 Source Sheets



Corona North
1981
7.5-minute, 24000
Aerial Photo Revised 1978



Corona South
1982
7.5-minute, 24000
Aerial Photo Revised 1980

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1973 Source Sheets



Corona South
1973
7.5-minute, 24000
Aerial Photo Revised 1973



Corona North
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1967 Source Sheets



Corona North
1967
7.5-minute, 24000
Aerial Photo Revised 1966



Corona South
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1954 Source Sheets



Corona North
1954
7.5-minute, 24000
Aerial Photo Revised 1952



Corona South
1954
7.5-minute, 24000
Aerial Photo Revised 1952

1947 Source Sheets



CORONA
1947
15-minute, 50000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1942 Source Sheets



Corona and Vicinity
1942
7.5-minute, 31680

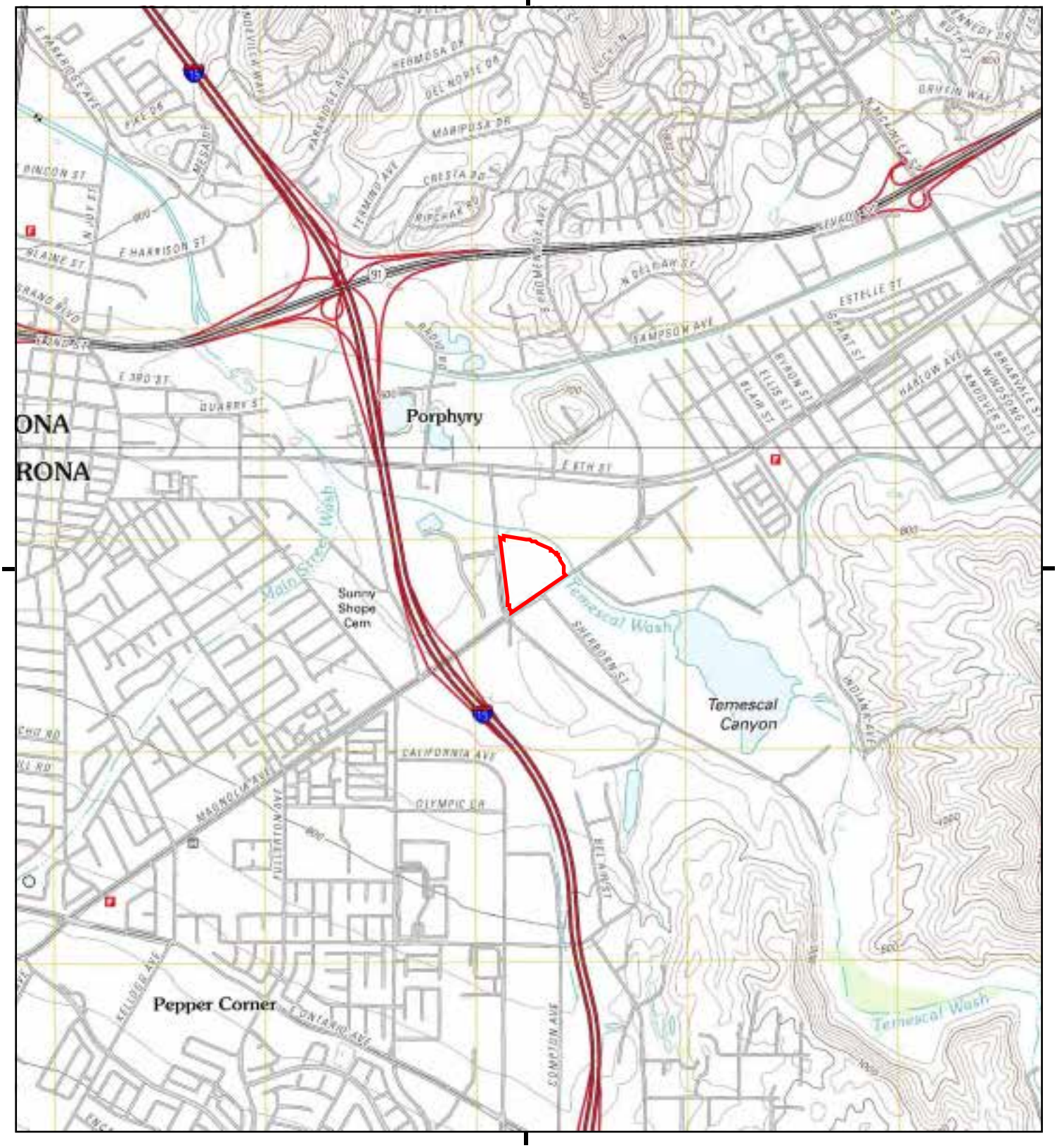
1902 Source Sheets



Corona
1902
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

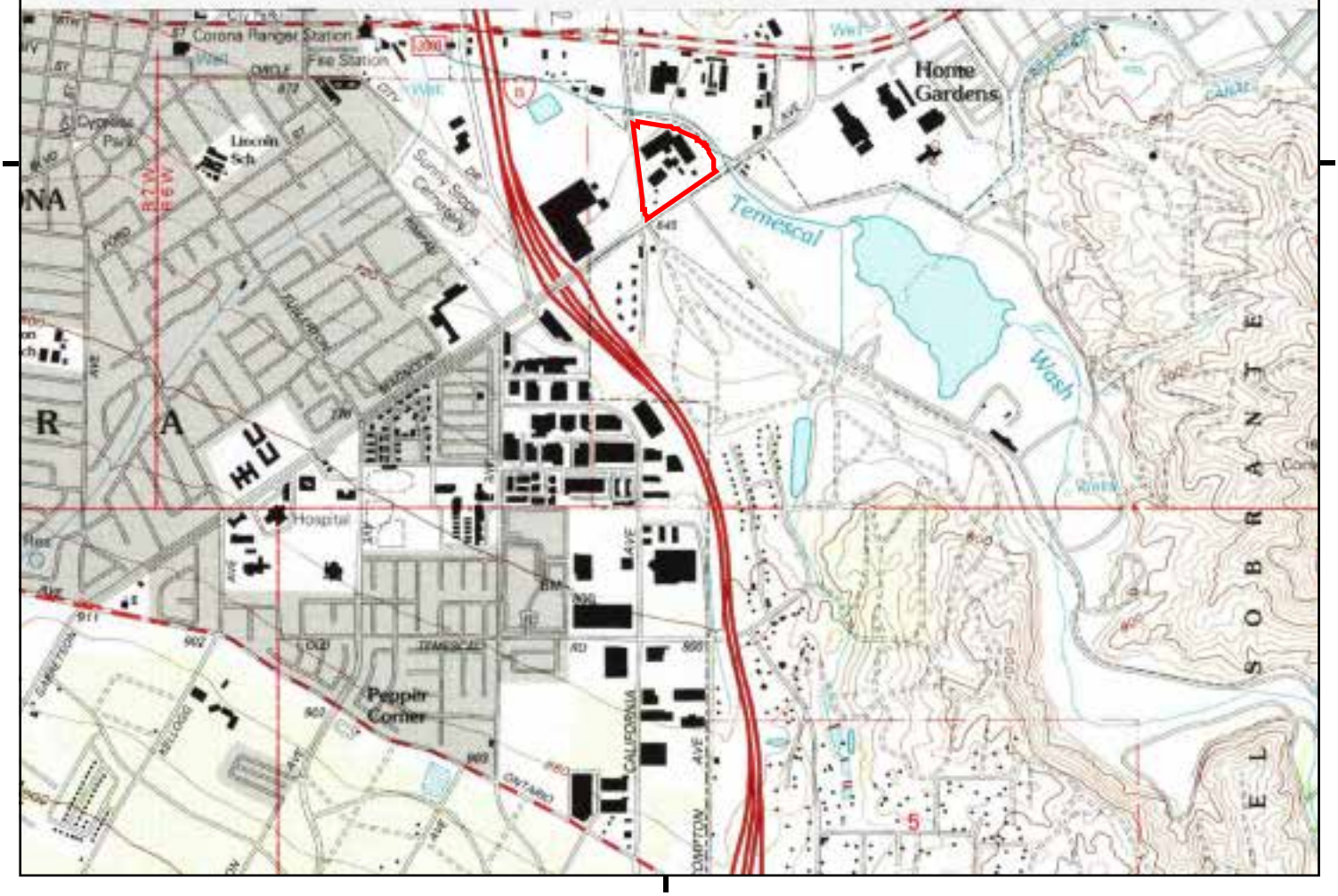
TP, Corona South, 2012, 7.5-minute
N, Corona North, 2012, 7.5-minute

SITE NAME: 1375 Magnolia Avenue
ADDRESS: 1375 Magnolia Ave
Corona, CA 92879
CLIENT: Hazard Management Consulting

N

Historical Topo Map

1997



This report includes information from the following map sheet(s).

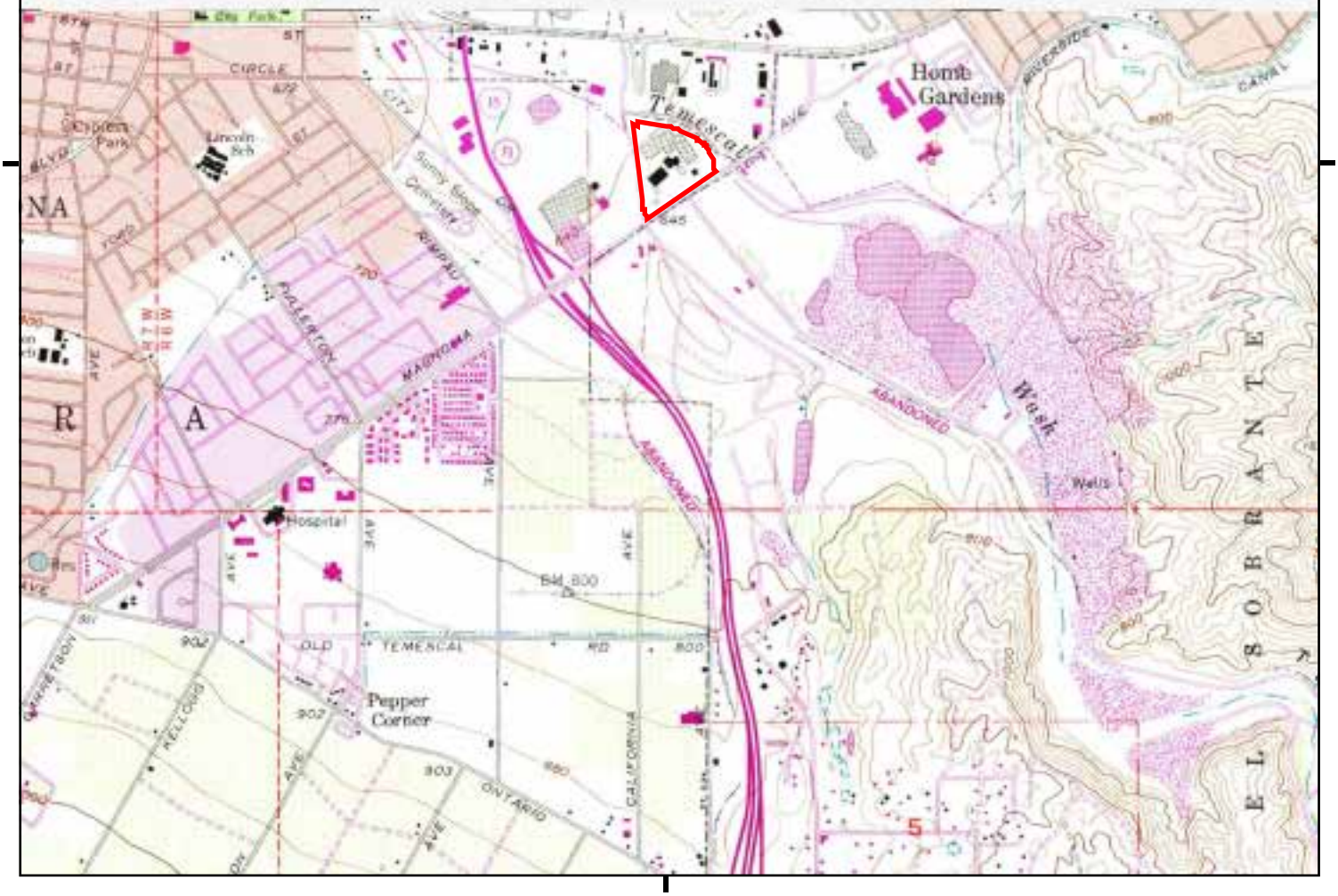
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Corona South, 1997, 7.5-minute

SITE NAME: 1375 Magnolia Avenue
ADDRESS: 1375 Magnolia Ave
Corona, CA 92879
CLIENT: Hazard Management Consulting

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

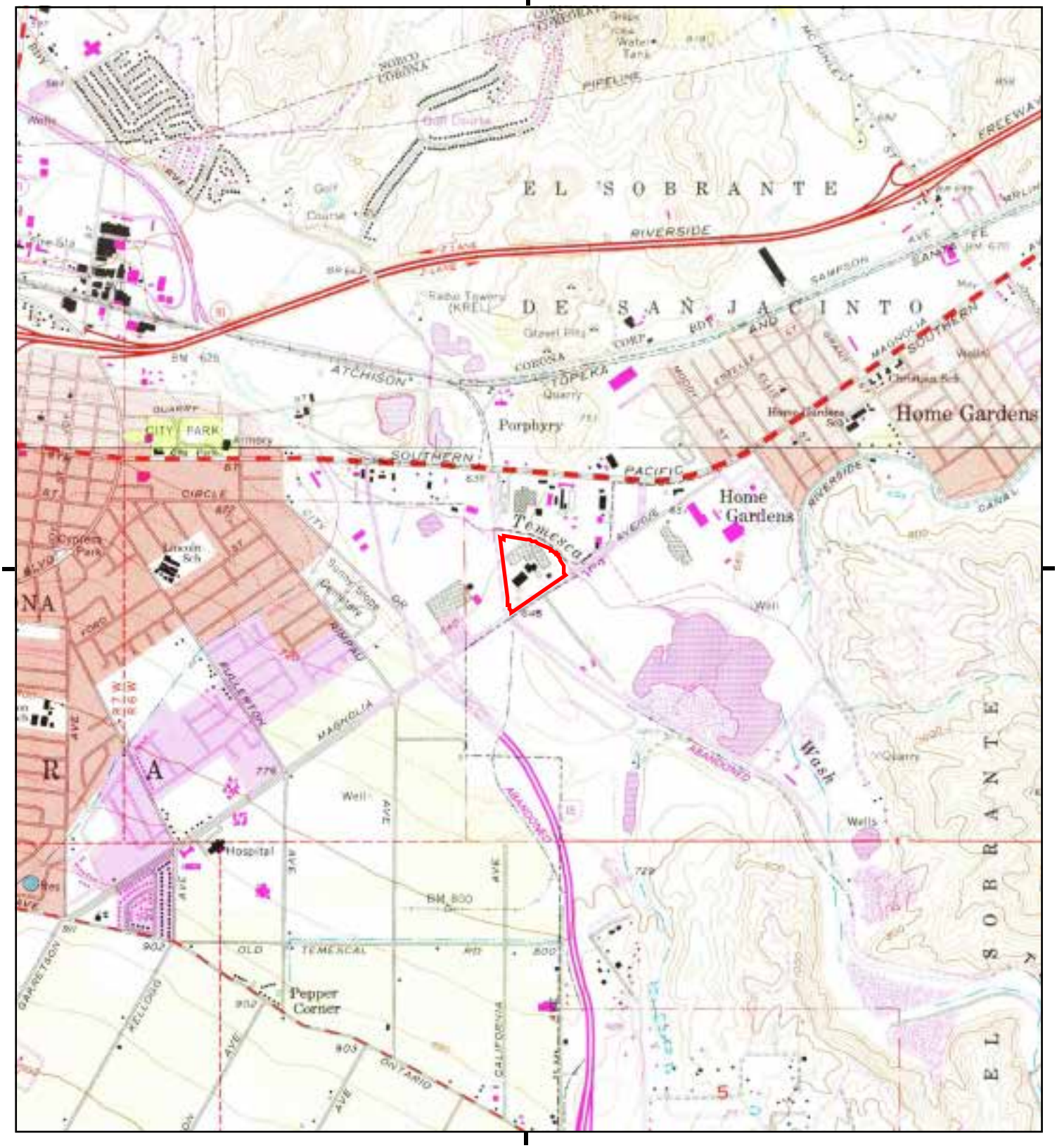
TP, Corona South, 1988, 7.5-minute

SITE NAME: 1375 Magnolia Avenue
ADDRESS: 1375 Magnolia Ave
Corona, CA 92879
CLIENT: Hazard Management Consulting

N

Historical Topo Map

1981, 1982



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

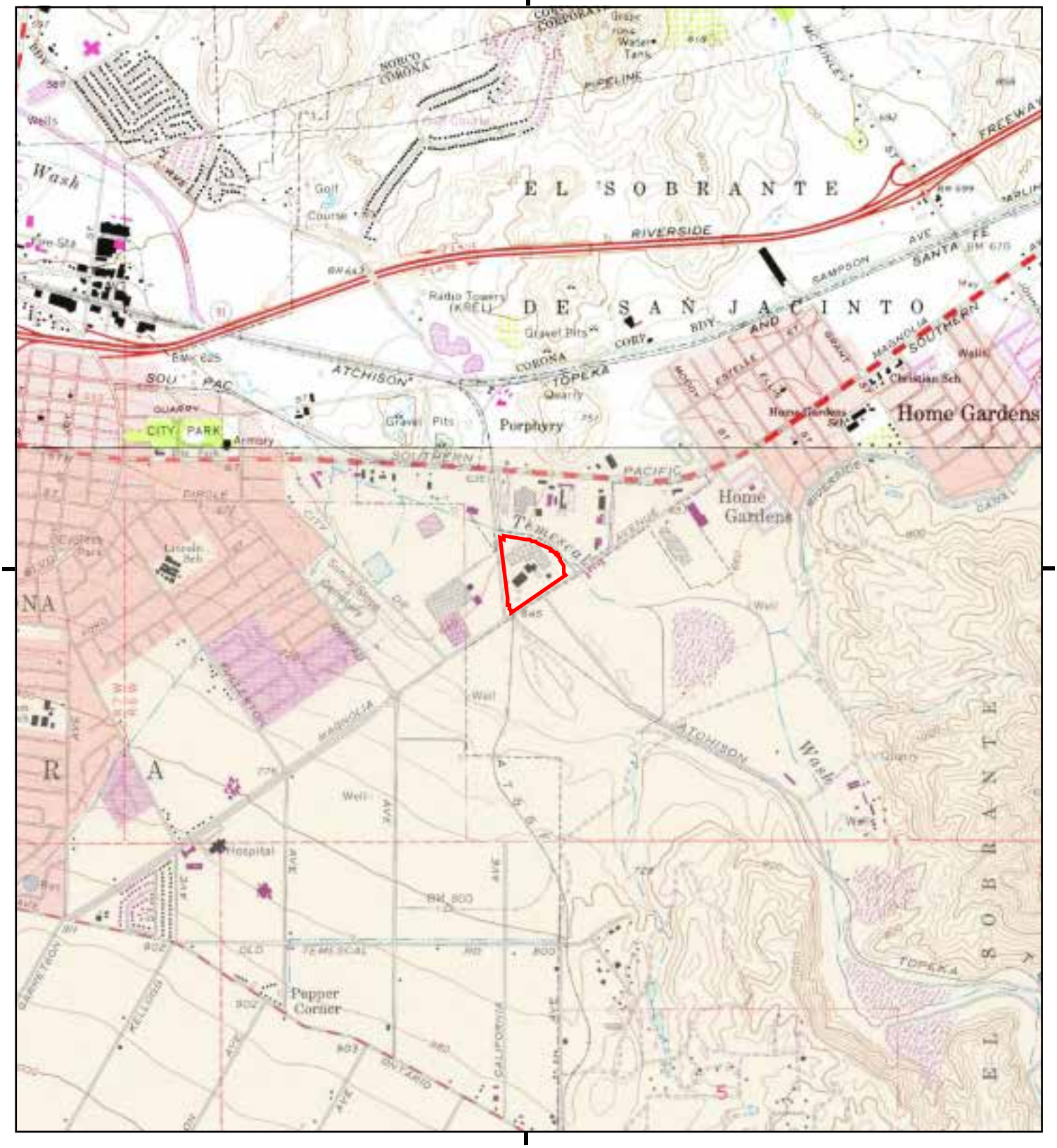
TP, Corona South, 1982, 7.5-minute
N, Corona North, 1981, 7.5-minute

SITE NAME: 1375 Magnolia Avenue
ADDRESS: 1375 Magnolia Ave
Corona, CA 92879
CLIENT: Hazard Management Consulting

N

Historical Topo Map

1973



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

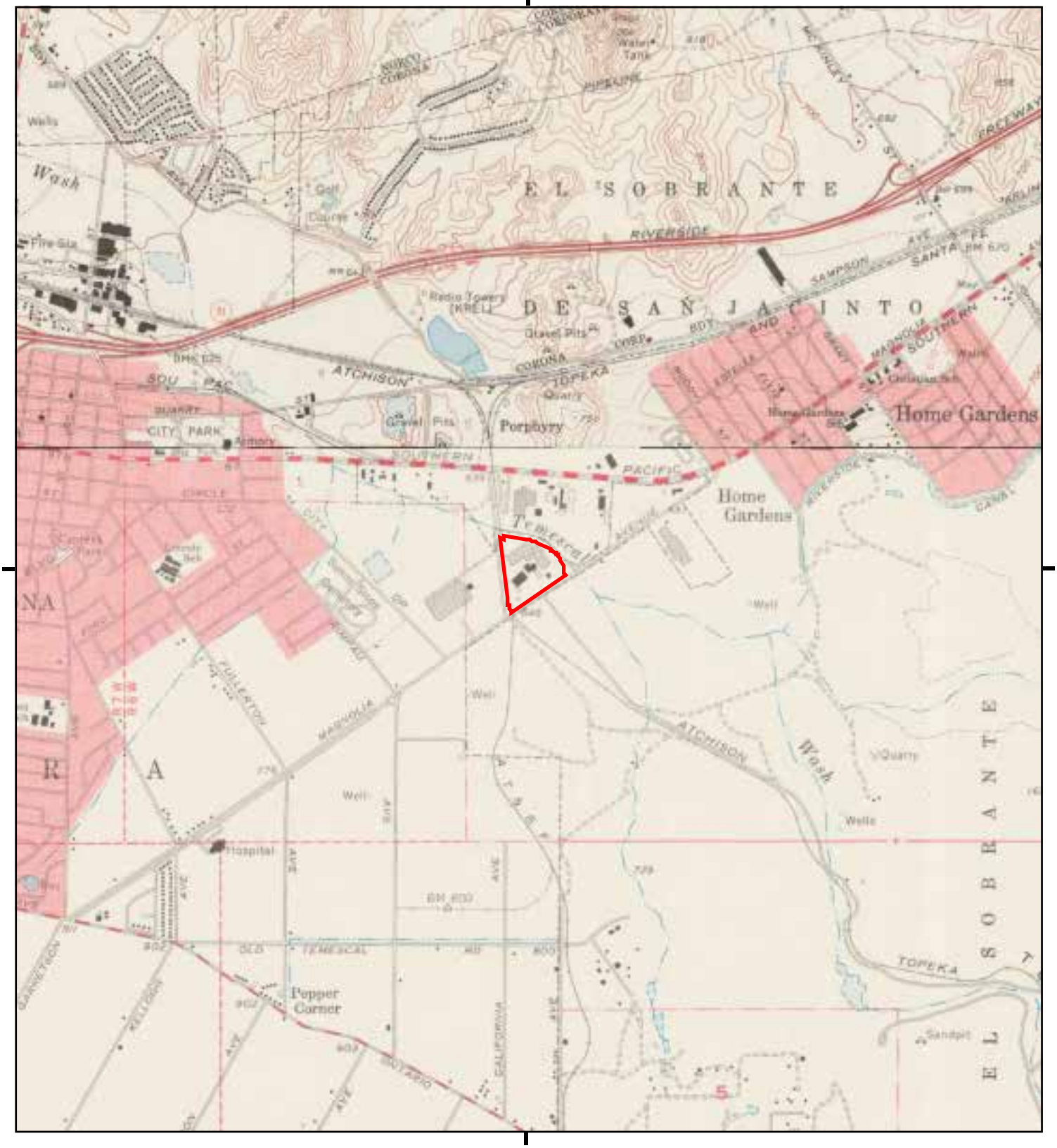
TP, Corona South, 1973, 7.5-minute
N, Corona North, 1973, 7.5-minute

SITE NAME: 1375 Magnolia Avenue
ADDRESS: 1375 Magnolia Ave
Corona, CA 92879
CLIENT: Hazard Management Consulting

N

Historical Topo Map

1967



This report includes information from the following map sheet(s).

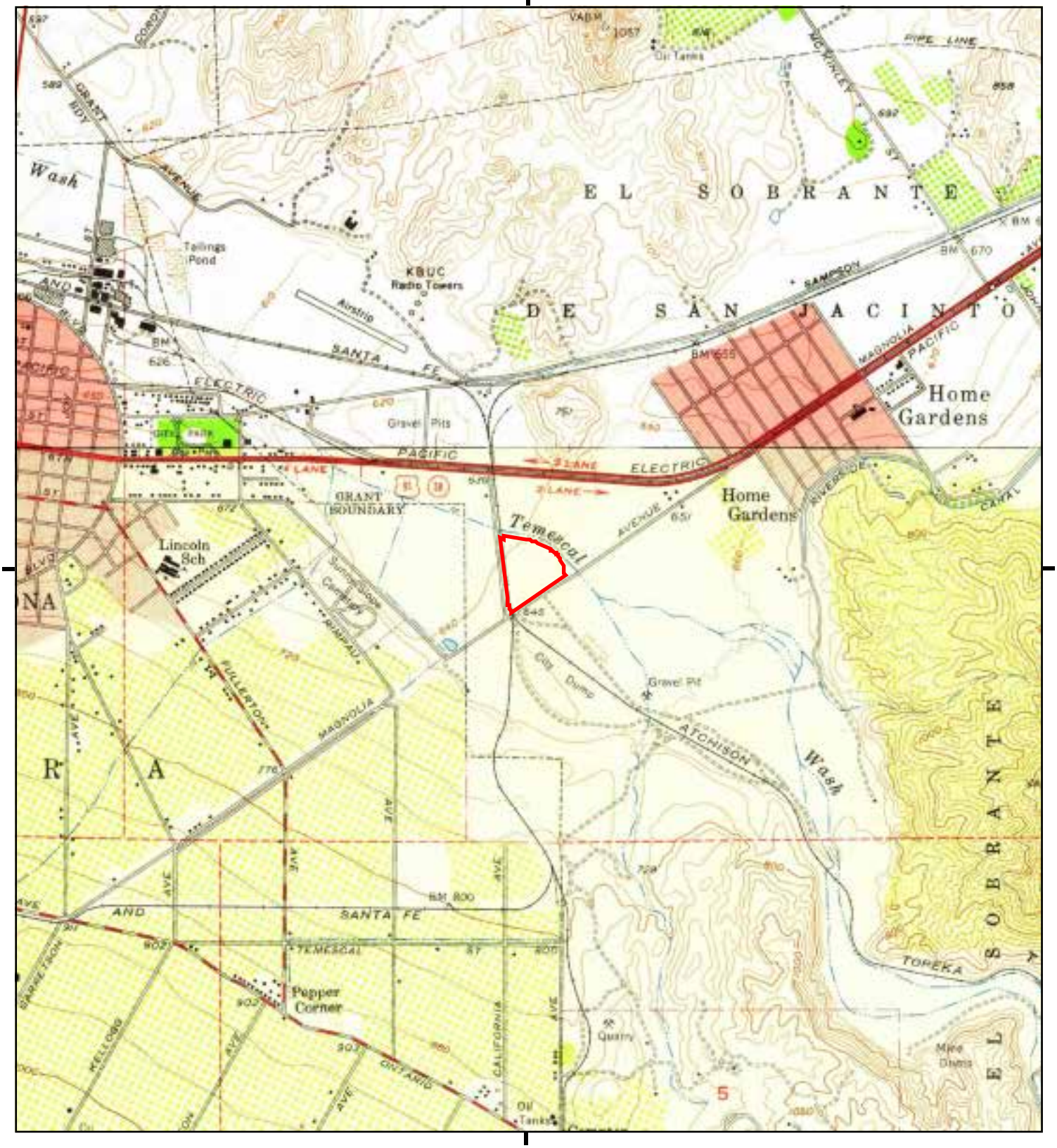
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Corona South, 1967, 7.5-minute
N, Corona North, 1967, 7.5-minute

SITE NAME: 1375 Magnolia Avenue
ADDRESS: 1375 Magnolia Ave
Corona, CA 92879
CLIENT: Hazard Management Consulting

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

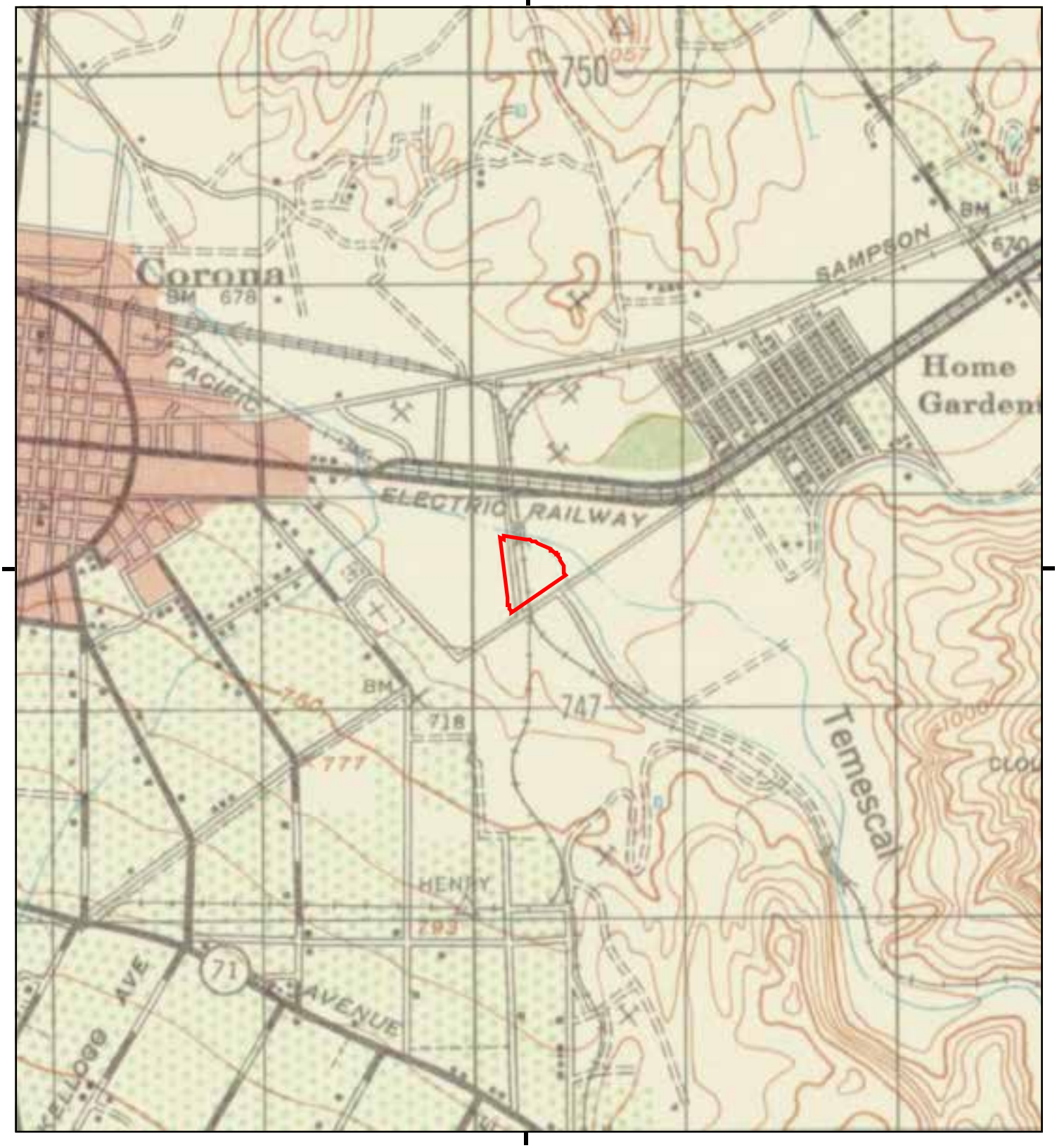
TP, Corona South, 1954, 7.5-minute
N, Corona North, 1954, 7.5-minute

SITE NAME: 1375 Magnolia Avenue
ADDRESS: 1375 Magnolia Ave
Corona, CA 92879
CLIENT: Hazard Management Consulting

N

Historical Topo Map

1947



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

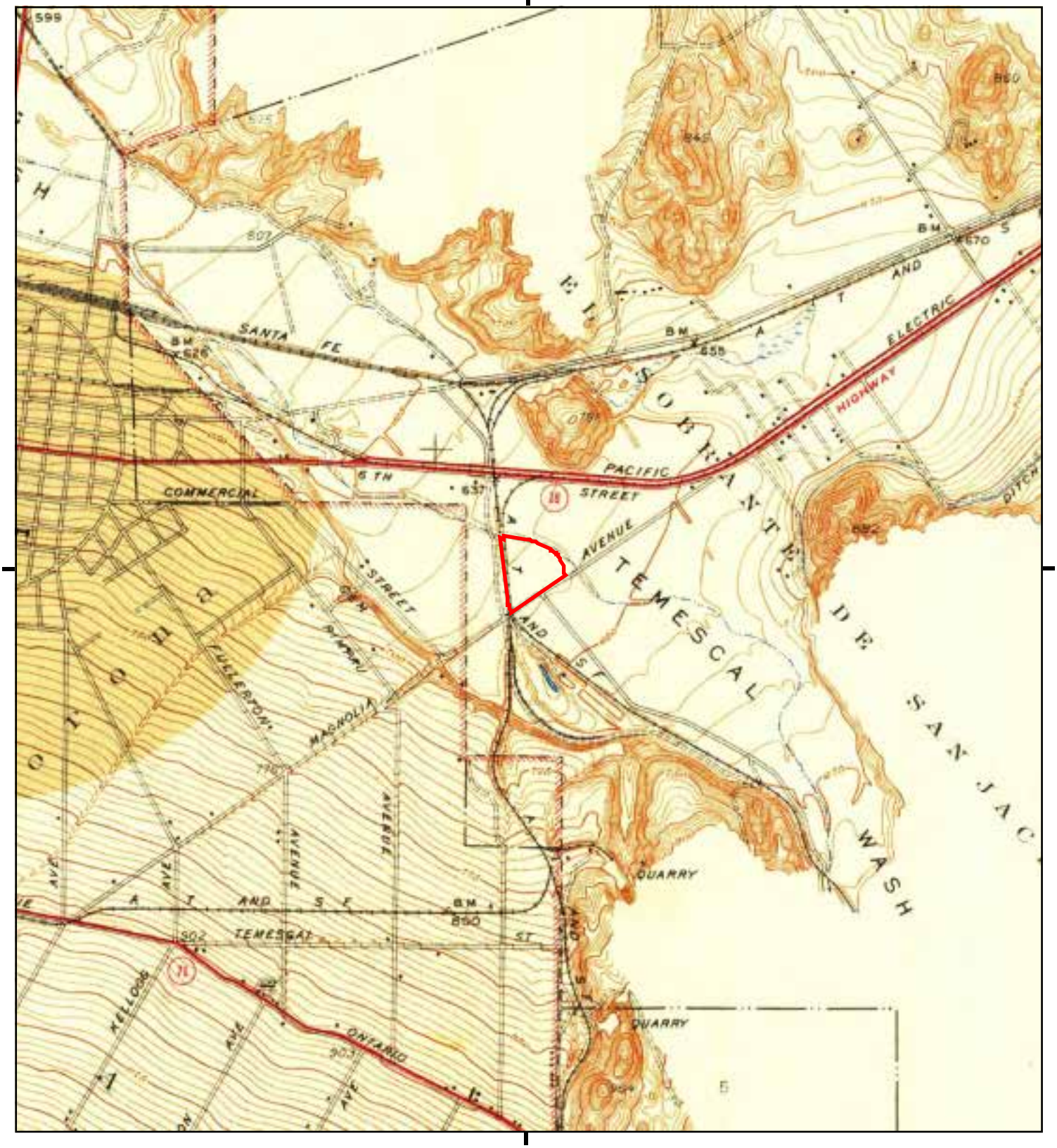
TP, CORONA, 1947, 15-minute

SITE NAME: 1375 Magnolia Avenue
ADDRESS: 1375 Magnolia Ave
Corona, CA 92879
CLIENT: Hazard Management Consulting

N

Historical Topo Map

1942



This report includes information from the following map sheet(s).

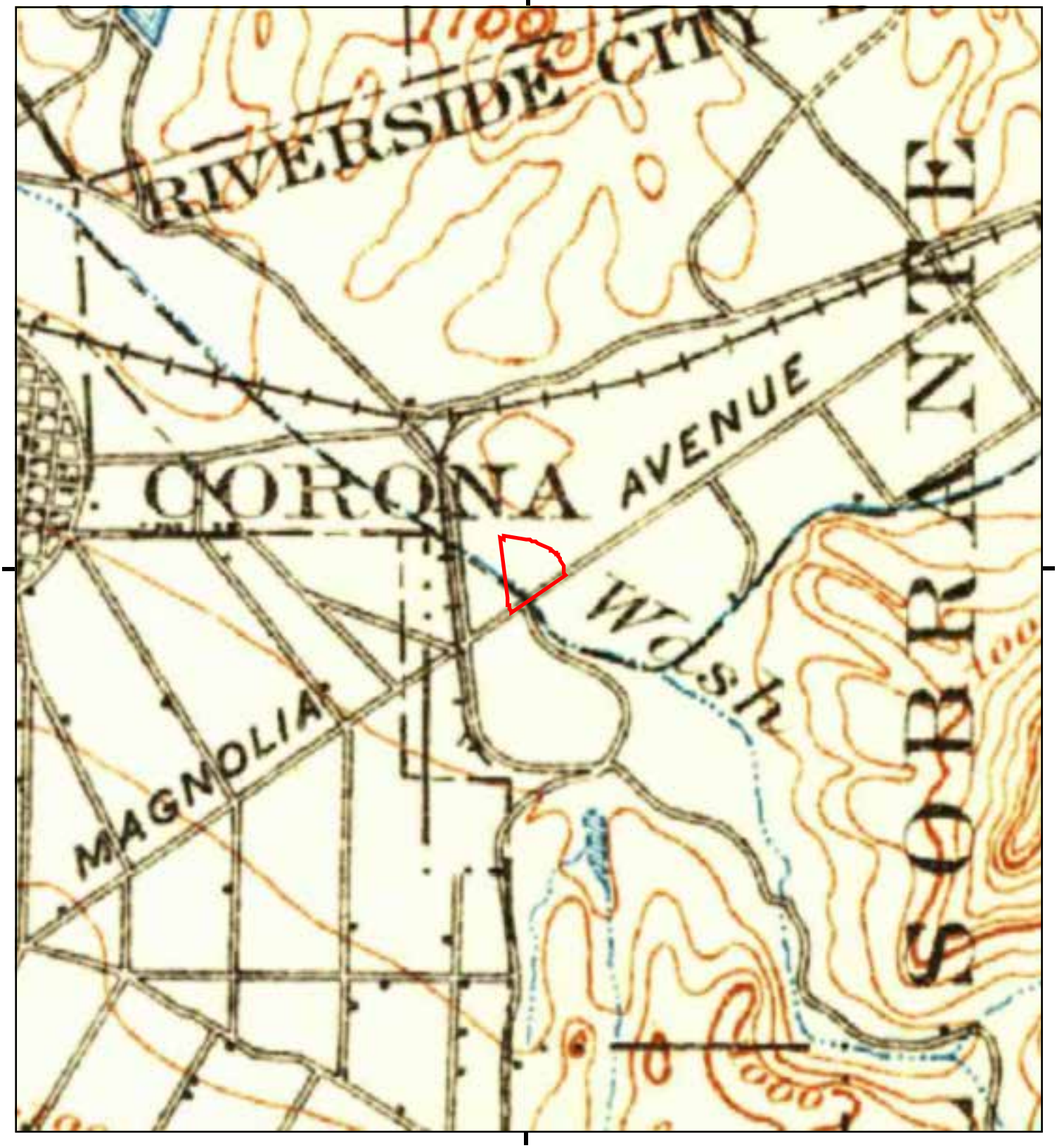
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

N, Corona and Vicinity, 1942, 7.5-minute

SITE NAME: 1375 Magnolia Avenue
ADDRESS: 1375 Magnolia Ave
Corona, CA 92879
CLIENT: Hazard Management Consulting

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Corona, 1902, 30-minute

SITE NAME: 1375 Magnolia Avenue
ADDRESS: 1375 Magnolia Ave
Corona, CA 92879
CLIENT: Hazard Management Consulting

N

APPENDIX C

FA0014980 - Clow Valve

Sgl

Choi, Michelle (DEH Corona)

Hazardous Waste
1375 Magnolia Ave

From: Tiffany Smith <tiffany.smith@clowvalve.com>
Sent: Friday, May 10, 2019 1:02 PM
To: Choi, Michelle (DEH Corona)
Subject: Battery Acid Spill

CAUTION: This email originated externally from the **Riverside County** email system
DO NOT click links or open attachments unless you recognize the sender and know the content is safe

Good Afternoon Michelle,

As our new inspector I am sending you this notification of a spill that we had at our facility. The Anaco facility operates electric forklifts with large batteries that require charging and replenishing the electrolyte by filing it with water. Yesterday 5/9/2019 while refilling a battery with water, it overflowed resulting in spilled battery acid. The spill happened at 5:30 AM and spilled inside the facility on the concrete floor and is estimated to have been about 4 ounces. Later that day the forklift was hooked up to the charging station; the charging process elevates the temperature of the battery acid. This increased temperature along with higher battery acid levels from overfilling earlier in the day resulted in the battery acid boiling over and again spilling inside the facility to the concrete floor and happened at about 1:00 PM and was estimated to be about 12 ounces. In both instances the battery acid was contained by putting a neutralizing absorbent on the material and cleaning it up and disposed of as hazardous waste.

Aside from cleanup actions, the facility has also taken other corrective actions. The same day yesterday the battery suppliers were brought onsite to replace the float valves which are supposed to prevent overfilling. The facility is also working with them on a different filling mechanism and will be implementing a form of lock-out procedure while the unit is charging to prevent prematurely taking it off of the charger before fully charged as this could potentially be a factor in overfilling.

Although this is a small amount of material that was spilled inside the facility, this is being reported due to past discussions with those from your office that have requested that any amount that is spilled of this material be reported due to the nature of the material.

Please let me know if you have any questions or need any additional information.

Thank you,

Tiffany Smith
Environmental Manager

County of Riverside Department of Environmental Health

Certified Unified Program Agency
PO Box 7909, Riverside, CA 92513
Phone: (951) 358-5055

Large Quantity Generator of Hazardous Waste Inspection Report

Facility Name: Flow Valve Company	Contact Name: Tiffany Smith	Inspection Date: 11/2/17	
Address: 1375 Magnolia Ave	Telephone: (951) 893-4144	Permit #: 14980, 19196	
Inspector Name: Kathleen Estrada	Number of Employees: 25+	Inspection Type: ☐ Routine ☐ Reinspection	Facility Type: ☐ non-RCRA ☐ RCRA
			EPA ID: CAD063115133

Violations checked below are for section(s) of California Health & Safety Code (HSC), California Code of Regulations (CCR), Code of Federal Regulations (CFR), or Riverside County Ordinance (RCO) indicated in italics. Items checked "Y" are in compliance. Items checked "N" are violations and must be corrected. "N/A" is not applicable.

Y	N	VIOL #	VIOLATION DESCRIPTION
Hazardous Waste Storage			
✓	☐	3030031 3130013	Maintained to minimize the possibility of fire, explosion or release. *22 CCR 66265.31*
✓	☐	3030012 3130004	Accumulation time not greater than 90 days. *22 CCR 66262.34(a)*
✓	☐	3030021 3130009	Ignitable or Reactive waste 50 ft. from property line. *22 CCR 66265.176*
✓	☐	203	Satellite accumulation requirements met. *22 CCR 66262.34(c)*
✓	☐	3030023 3130010	Separation of incompatible materials. *22 CCR 66265.177(b), 66265.177*
✓	☐	Attached	Universal waste management. *See attached supplemental report, 22 CCR 66273 et seq*
Container Management			
✓	☐	3030016 3130006	Container compatibility. *22 CCR 66265.172*
✓	☐	3030017 3130003	Container labeling. *22 CCR 66262.34(f)*
✓	☐	3030020 3130008	Weekly inspections. *22 CCR 66265.174*
✓	☐	3030014 3130005	Container condition. *22 CCR 66265.171*
✓	☐	3030018 3130007	Containers stored closed. *22 CCR 66265.173*
✓	☐	3030037 3130016	Aisle space maintained. *22 CCR 66265.35*
Waste Tank Systems			
N/A	☐	3010025 3110013	PE certification obtained. *22 CCR 66265.192(e), 66265.192(f)*
N/A	☐	3010026 3110014	Tank assessment standards met. *22 CCR 66265.192(b)*
N/A	☐	3030027 3130015	Equipment replaced/approved by CUPA. *22 CCR 66265.192(d), 66265.192(m)*
N/A	☐	3030026 3130011	Spill/overfill prevention controls; Freeboard in uncovered tanks; No waste/reagents placed in tanks causing failure. *22 CCR 66265.194*
N/A	☐	3030029 3130012	Inspections completed each operating day & documentation maintained. *22 CCR 66265.195(a), 66265.195(c)*
N/A	☐	3030041 3130019	Secondary containment requirements met. *22 CCR 66265.193*
N/A	☐	3030042 3130020	Cathodic protection systems inspected & documented. *22 CCR 66265.195(b), 66265.195(c)*
N/A	☐	3040001 3140001	Releases properly responded to. *22 CCR 66265.196*
N/A	☐	3050006 3150002	Waste tank system properly closed. *22 CCR 66265.197, 66265.114, 66265.197*
Preparedness and Prevention			
✓	☐	3030033 3130014	Emergency equipment & communication available. *22 CCR 66265.32*
✓	☐	3030035 3130015	Emergency equipment maintained. *22 CCR 66265.33*
✓	☐	3030040 3130018	Contingency Plan prepared & implemented. *22 CCR 66265.51*
✓	☐	3030023 3130011	Contingency Plan complete. *22 CCR 66265.52*
✓	☐	3030024 3130012	Contingency Plan submitted & copy onsite. *22 CCR 66265.53*
✓	☐	3030038 3130017	Precautions taken to prevent ignition/reaction & "no smoking" sign posted. *22 CCR 66265.17(a)*
✓	☐	3030052 3130021	Facility security provided. *22 CCR 66265.14*
Other Waste Violations			
N/A		Attached	Other violations observed. *See attached supplemental report*

Y	N	VIOL #	VIOLATION DESCRIPTION
General Hazardous Waste Requirements			
✓	☐	200	Access for inspection. *HSC 25185(a); HSC 25188*
✓	☐	3010001	Active hazardous waste generator permit. *HSC 25404.1; RCO 615*
✓	☐	3010002 3110001	Active EPA ID number. *22 CCR 66262.12*
✓	☐	3030005 3130001	Waste determination made and documented. *22 CCR 66262.11, 66262.40(c)*
✓	☐	3030006 3130002	LDR determination made. *22 CCR 66268.7(a)*
✓	☐	3050002	Disposed/treated at an authorized location. *HSC 25189.5(e)*
✓	☐	243	Contaminated rags. *HSC 25144.6*
✓	☐	246	Latex/oil based paint properly disposed of. *HSC 25217.1*
N/A		247	Certified Appliance Recycler requirements met. *HSC 25321-25324*
✓	☐	3020002 3120001	Employee training. *22 CCR 66265.16*
✓	☐	3030029	Waste data entered into statewide information management system. *HSC 25404(c)(4)*
Manifest Review			
✓	☐	3050001 3150001	Registered hauler used for transportation. *22 CCR 66263.42; HSC 25163(e)*
✓	☐	3010007 3110002	Manifests properly prepared. *22 CCR 66262.20*
✓	☐	3030008 3130003	Manifests properly completed. *22 CCR 66262.23(a)*
✓	☐	3010010 3110005	Manifests maintained for 3 years. *22 CCR 66262.40(a)*
✓	☐	3030013	Consolidated manifest procedures. *22 CCR 66262.40(c); HSC 25160.2*
N/A	☐	3010014	Lead acid battery records retained for 3 years. *22 CCR 66266.80(a)(4)(B)*
✓	☐	3030015	Used oil disposal documentation retained for 3 years. *HSC 25250.19(c)*
N/A	☐	3010009 3110004	Manifest Exception reports. *22 CCR 66262.42*
Recyclable Hazardous Waste			
N/A	☐	3010016	Recyclable Materials Report provided. *HSC 25143.10*
N/A	☐	3030001	Generator of ≤10 lead acid batteries recycles. *22 CCR 66266.80(a)(1)*
N/A	☐	3030002	Receives and stores lead acid batteries. *22 CCR 66282.56(b)*
N/A	☐	3030003	Damaged lead acid battery storage/labeling. *22 CCR 66282.9(b)*
✓	☐	3030004	Used oil and/or fuel filter storage. *22 CCR 66266.130; HSC 25250.22*
✓	☐	3050004	Contaminated used oil managed as hazardous waste. *HSC 25250.7*
N/A	☐	3050005	Excluded recyclable materials. *HSC 25143.2; HSC 25143.9*
LQG Requirements			
✓	☐	3010018 3110008	Waste management performance report prepared. *22 CCR 67100.7, 67100.8*
✓	☐	3030019 3130009	Summary Progress Report submitted. *22 CCR 67100.9*
✓	☐	3010021 3110010	Source reduction report maintained & available. *22 CCR 67100.8, 67100.4, 67100.5; HSC 25244.19, 25244.21*
N/A	☐	3130007	Biennial report completed & maintained onsite for 3 years from the due date of the report. **(RCRA only)**. *22 CCR 66262.40(b), 66262.41*

County of Riverside

DEPARTMENT OF ENVIRONMENTAL HEALTH

Environmental Protection & Oversight Division • Hazardous Materials Management Branch

SUPPLEMENTAL REPORT

Reference Date: 11/2/2017	Facility ID #: FA0014980	Program ID #: PR0019196	Page 1 of 1
NAME	**ADDRESS**		**CITY**
Clow Valve Company	1375 Magnolia Ave		Corona

RE: Non-RCRA Large Quantity Generator Inspection

Facility inspection was conducted at the abovementioned facility on 11/2/2017 by EHS III, REHS Kathleen Estrada. Consent was granted by Environmental Manager, Tiffany Smith. Anaco and Clow Valve co-occupy the property, both owned by McWane Inc. Only one EPA ID number is currently used onsite. The facilities generate couplings, gaskets, and assembles fire hydrants. The hazardous wastes that are generated include waste paint, waste powdered paint, flammable solvent debris, paint filters, oily water, oily sludge, oil contaminated debris, used oil, parts washer solution, spent mold cleaner, blast booth dust, and waste soil impacted with lead (dirt sweepings & lead acid battery neutralizer). The facility's current registered hazardous waste hauler is Amberwick Corp. The facility's SB-14 Source Reduction Evaluation Review plan, weekly inspection reports, and training documentation were available to review at the time of inspection.

NOTES:

1. Owner/operator shall ensure that all flammable wastes are stored in closed steel containers at all times.

	DATE	RECEIVED BY	DATE

County of Riverside Department of Environmental Health
Certified Unified Program Agency
PO Box 7909, Riverside, CA 92513

County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH

STEVE VAN STOCKUM, DIRECTOR
Inspection Photos

Facility DBA: Clow Valve Co. Address: 1375 Magnolia Ave Date: 11/2/2017





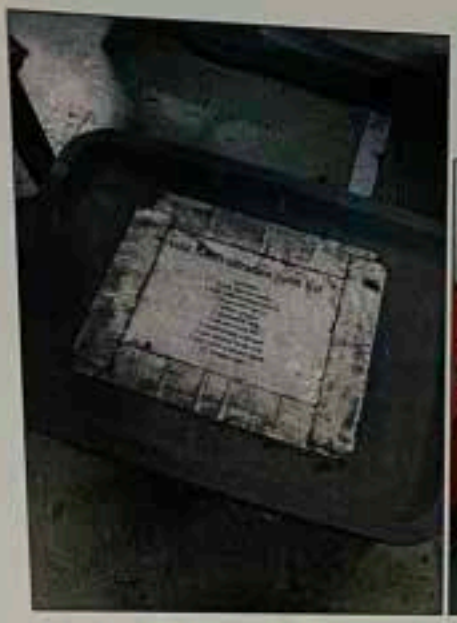
Waste paint booth filters storage located outside of hazardous waste storage area

















Mold cleaner tanks. Spent solution is discarded approximately every 6 months.





Water filtration system onsite. Oily sludge generated from process.

County of Riverside Department of Environmental Health
Certified Unified Program Agency
PO Box 7909, Riverside, CA 92513
Phone: (951) 358-5055

Aboveground Petroleum Storage Act Inspection Report – Tiers I/II/CE

Facility Name: Clow Valve Company	Contact Name: Tiffany Smith	Inspection Date: 11/2/17	
Address: 1375 Magnolia Ave	Telephone: (951) 893-4144	Permit #: 14980/60557	
Inspector Name: Kathleen Estrada	Inspection Type: ☑ Routine ☐ Reinspection	Program Level: ~~☑ Tier I~~ ☐ Tier II ☐ Cond. Exempt	
SPCC Plan Date: 3/8/17	Last Plan Amendment: 3/8/17	Total Storage Capacity: 6,093 gallons	CERS ID: 10116598

Violations checked below are for section(s) of California Health & Safety Code (HSC), California Code of Regulations (CCR), Code of Federal Regulations (CFR), or Riverside County Ordinance (RCO) indicated in italics. References to CFR are made in accordance with HSC 25270.4.5(a) for this program. Items checked "Y" are in compliance. Items checked "N" are violations and must be corrected. "N/A" is not applicable.

Y	N	VIOL #	VIOLATION DESCRIPTION
			General Requirements (All facility levels)
✓	☐	4010032	Tank facility statement or HMBP submitted annually. *HSC 25270.5(e)(1)(+e)(i)*
✓	☐	4010033	APSA permit fee paid. *HSC 25270.5(b)*
✓	☐	4010034	Active APSA permit. *HSC 25404.1*
✓	☐	4020001	Adequate training provided to personnel as detailed in 40 CFR 112.7(f)(1). *40 CFR 112.7(f)(1)*
N/A	☐	4040001	Spills of 1 barrel (42 gallons) or more reported. *HSC 25270.8*
			Operational Requirements (Tier I/II)
✓	☐	4030002	Secondary containment holds volume of largest container. *40 CFR 112.7(h)(1)*
✓	☐	4030013	Containment sufficiently impervious to oil or drainage safely confined in facility catchment basin or pond. *40 CFR 112.8(c)(2)*
✓	☐	4030021	Leaks immediately addressed & oil promptly removed. *40 CFR 112.8(c)(10)*
			Conditionally Exempt Facility Requirements
N/A	☐	4030032	Facility meets all conditional exemption requirements. *HSC 25270.4.5(b)*
			Other
N/A	☐	attached	Other violations observed. *See supplemental report*

Y	N	VIOL #	VIOLATION DESCRIPTION
			SPCC Requirements
			Tier I
✓	☐	4010046	SPCC Plan or template completed. *40 CFR 112.6(a)*
✓	☐	4010047	SPCC Plan or template certified by management. *40 CFR 112.6(a)(1)*
✓	☐	4010008	SPCC Plan or template available onsite if staffed at least 4 hrs/day or nearest field office if not attended. *40 CFR 112.3(e)(1)*
N/A	☐	4010048	Technical amendments properly certified. *40 CFR 112.6(a)(2)*
			Tier II
N/A	☐	4010049	SPCC Plan or template completed. *40 CFR 112.6(b)*
N/A	☐	4010050	PE certified Plan if alternative measures used e.g environmental equivalence, impractibility etc. *40 CFR 112.6(b)(1), 112.6(b)(1)(i)*
N/A	☐	4010051	PE attestations complete, if necessary. *40 CFR 112.6(b)(1)(i)*
N/A	☐	4010052	Technical amendments properly certified. *40 CFR 112.6(b)(1), 112.6(b)(2)(i)*
			Tiers I and II
N/A	☐	4010009	5-year review of SPCC Plan or template completed and documented. *40 CFR 112.5(b)*
N/A	☐	4010010	SPCC Plan or template amendments made appropriately within 6 months. *40 CFR 112.5(a)*
✓	☐	4010021	Written inspection & testing procedures available. Inspections/ testing conducted & records signed & kept for 3 yrs. *40 CFR 112.7(e)*
✓	☐	4010035	Facility meets general requirements. *40 CFR 112.3(g)*

Facility currently stores approximately 6,093 gallons of petroleum product onsite. PE certified SPCC Plan was made available to review at the time of inspection. All frequent inspection paperwork and training documentation was available to review onsite.

☐ No violations observed during inspection

☐ This report shall serve as a notice to comply for minor violations and a notice of violation for all other violations.

You are hereby ordered to correct all noted violations within _____ days, or according to individual correction summaries provided, whichever is less.

Inspector signature: Kathleen Estrada

Agent signature: _____

Agent Name: _____

Agent Title: _____

Estrada, Kathleen

From: Estrada, Kathleen
Sent: Wednesday, November 15, 2017 8:56 AM
To: 'Tiffany Smith'
Subject: RE: battery acid spill
Attachments: LQG Report.pdf; APSA Report.pdf

Hi Tiffany,

Attached are the inspection reports from the 11/2/2017 inspection date at your facility. The photo report is attached to the LQG report. Please let me know if you have any questions at all.

Thank you,

Kathleen Estrada
Environmental Health Specialist III
Department of Environmental Health
County of Riverside
Hazardous Materials Management Branch
Phone #: 951-273-9143
Fax #: 951-520-8319
E-mail: Kestrada@rivco.org
www.rivcoeh.org

From: Tiffany Smith [mailto:tiffany.smith@clowvalve.com]
Sent: Friday, October 27, 2017 8:36 AM
To: Estrada, Kathleen <kestrada@RIVCO.ORG>
Subject: Re: battery acid spill

Hi Kathleen, I have open availability that day so I will mark my calendar for 9:00 AM on 11/2.

Thanks,
Tiffany

Sent from my iPhone

On Oct 26, 2017, at 7:47 AM, Estrada, Kathleen <kestrada@RIVCO.ORG> wrote:

> Hi Tiffany,
>
> Can we do next Thursday Novmeber 2nd at 9AM?
>
> Thank you,
>
> <image001.png> | *Kathleen Estrada*

Lon PR19196/FA 14980

Page 1 of ___

COUNTY OF RIVERSIDE
DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Management Branch • Hazardous Waste Generator Inspection Report

Facility Name: Flow Valve Facility #: 19196 Date: 8/28/13

Address: 1375 Magnolia

City: Corona Zip Code: 92879 Phone #: 7722732 Inspection: ☒ Routine ☐ Re-inspection

Contact Person: Larry Fischer Email: Type of Generator: ☒ LQG ☐ SQG ☐ CESQG

# of Employees: ☒ Non-RCRA ☐ RCRA

•Riverside County Ordinance 615 •California Code of Regulations Title 22 •Health & Safety Code Chapter 6.5

Items marked "Y" (Yes) are in compliance. Items marked "N" (No) are violations and must be corrected as outlined in the inspection report. N/A is not applicable or unable to verify.

Note: Grey shading applies only to Large Quantity Generator (LQG) requirements

	Hazardous Waste Storage	Y	N	N/A
200.	Access for Inspection H&SC 25185, 25186	✓		
201.	Maintained and Operated to Minimize the Possibility of Fire, Explosion, or Release CCR 66265.31, 66262.34(d), H&SC 25123.3(b)(1)		✓	
202.	Accumulation Time CCR 66262.34(a-d), H&SC 25123.3(b)(1)	✓		
203.	Satellite Accumulation CCR 66262.34(d), H&SC 25123.3(d)		✓	
204.	Separation of Incompatible Wastes and Materials CCR 66265.177, 66265.178(), 66262.34(d), H&SC 25123.3(b)(1)	✓		
	Containers			
205.	Compatibility of Waste with Container CCR 66265.172, 66262.34(d), H&SC 25123.3(b)(1)	✓		
206.	Container Marking and Labeling CCR 66262.34(a)(2), 66262.34(a)(3), 66262.34(f), 66261.126, H&SC 25123.3(c)	✓		
207.	Weekly Inspections CCR 66265.174, 66262.34(d), H&SC 25123.3(b)(1)	✓		
208.	Container Condition CCR 66265.171, 66262.34(d), H&SC 25123.3(b)(1)	✓		
209.	Containers Not Leaking CCR 66265.173(b), 66262.34(d), H&SC25123.3(b)(1)	✓		
210.	Containers Closed CCR 66265.173(a), 66262.34(d), H&SC 25123.3(b)(1)		✓	
211.	Ignitable or Reactive Wastes Stored at Least 50 ft. from Property Line CCR 66265.176, 66262.34(d), H&SC 25123.3(b)(1)	✓		
212.	Aisle Space CCR 66265.35, 66262.34(d), H&SC 25123.3(b)(1)	✓		
	Aboveground Hazardous Waste Tank Systems			
213.	Containment of and Detection of Leaks CCR 66265.192, 66265.193	✓		
214.	Waste Tank Standards CCR 66265.194, 66262.34(d), H&SC 25123.3(b)(1)	✓		
215.	Inspection of Aboveground Hazardous Waste Tanks CCR 66265.195, 66262.34(d), H&SC 25123.3(b)(1)	✓		
216.	Leaks, Spills, or Unfit ASTs CCR 66265.196, 197, 66262.34(d)	✓		
	Preparedness, Prevention and Contingency Planning			
217.	Required Fire, Spill & Decontamination Equipment CCR 66265.32(c), 66262.34(d), H&SC 25123.3(b)(1)	✓		
218.	Testing and Maintenance of Equipment CCR 66265.33, 66262.34(d)	✓		
219.	Access to Communications or Alarms CCR 66265.34, 66262.34(d)	✓		
220.	Evacuation Plan CCR 66265.52	✓		
221.	Emergency Coordinator Listed CCR 66265.55, 66265.52, 66262.34(d)	✓		
222.	Emergency Response Procedures CCR 66265.51-53, 66262.34(d)	✓		

	General Hazardous Waste Requirements	Y	N	N/A
223.	Hazardous Waste Generator Permit Fees Ordinance 615, H&SC 25404.5, 25201(a)	✓		
224.	EPA ID Number CA D006315733 CCR 66262.12(a)	✓		
225.	Hazardous Waste Determination CCR 66262.11, 66260.200(c), 66262.40(c)	✓		
226.	Disposed/Treated at an Authorized Location CCR 66268.3(a), H&SC 25189.5, 25250.5(a), 25217.1, 25201(a)	✓		
227.	Treatment/Storage/Transfer/Disposal Permit CCR 66270.1, H&SC 25201(a)			✓
228.	Recycling Plan Complete and Reported H&SC 25143.1(f)			✓
229.	Excluded Recyclable Materials H&SC 25143.2, 25143.9			✓
	Records Review			
230.	Manifest Requirements/Consolidated Manifest CCR 66262.40, 66262.20-66262.23, 66262.70(a), H&SC 25160.2, 25250.16	✓		
231.	Manifest Exception Reports CCR 66262.42, 66262.43, H&SC 25123.3(b)(2)			✓
232.	Personnel Training CCR 66265.16, 66262.34(d), H&SC 25123.3(b)(1)	✓		
233.	Waste Analysis CCR 66262.40(c)	✓		
234.	Hazardous Waste Source Reduction & Management Plan CCR 66262.41, 66262.34	✓		
235.	Biennial Reports CCR 66262.41, 66262.44			✓
	Transportation			
236.	Use of a Registered Transporter of Hazardous Waste CCR 66262.12(c), H&SC 25163(a), 25168.5(c)	✓		
	Miscellaneous			
237.	Used Oil Not Contaminated with Hazardous Waste H&SC 25250.7	✓		
238.	Used Oil and/or Fuel Filters CCR 66266.130, H&SC 25250.22	✓		
239.	Spent Lead-Acid Batteries Properly Managed CCR 66266.81	✓		
240.	Universal Waste CCR 66273 Conditionally Exempt Small Quantity Universal Waste Generator Requirements (>100 kg/220 lbs RCRA waste per month) CCR 66273.8, 66273.9	✓		
241.	Universal Waste Handler Requirements (>100 kg/220 lbs RCRA waste per month) CCR 66273 et seq.			✓
242.	Universal Waste Other:			✓
243.	Contaminated Rags H&SC 25144.8			✓
244.	Silver Only Waste H&SC 25143.13			✓
245.	Other:			

See supplemental report

☐ ***Notice of Violation: All violations shall be corrected.***
Re-inspection/ Return to Compliance shall be completed/verified on or after 10/15/13

Received by: US Mail Print Name:

Title: Specialist (Print): APARSONS

CERTIFIED UNIFIED PROGRAM AGENCY

COUNTY OF RIVERSIDE-HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION
Supplemental

Reference Date	August 28, 2013	Page 2 Of 2
NAME	**ADDRESS**	**CITY**
Clow Valve	1375 Magnolia Avenue	Corona

TOPIC: Hazardous Waste Generator Inspection

REMARKS:

This facility assembles and finishes fire hydrants. Hazardous wastes that are generated include: waste paint related material, waste paint filters, waste rags/absorbent, waste flammable liquid, oily water, and lead contaminated soil from sweeping the parking lot. Lead contaminated soil is generated from passing traffic on Magnolia Avenue. Universal wastes that are generated include aerosol cans and florescent lights.

The facility is a LQG of non-RCRA hazardous wastes. The manifests and the SB-14 was onsite and available for review.

Please correct the following within 30 days:

#201, 210- The funnel near the paint booths would not properly close. Repair or replace the funnel to ensure that it closes completely. Additionally, the small container on the drum contained a flammable liquid. Keep all containers closed.



#203- The satellite accumulation areas were not posted. Please post all of the satellite accumulation areas.

Re-inspection will be performed in approximately 30 days of receipt of this report.

Please contact me at (951) 273-9143 should you have any questions.

SPECIALIST PREPARING REPORT	DATE	RECEIVED BY	DATE
Christine Parsons	9/4/13		

COUNTY OF RIVERSIDE
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH
EMERGENCY RESPONSE, COMPLAINT INVESTIGATIONS REPORT

OFFICE RECEIVING ERC:	INITIAL REPORT TAKEN BY:	DATE FIRST REPORTED:	TIME REPORTED (USE MILITARY TIME):	SPECIALIST ASSIGNED:	CODE NUMBER:	CONTROL NUMBER:
After Hours ER	C. Parsons	4/12/10	0845	C.Parsons	5520	CO0033585

LOCATION OF INCIDENT:	Thomas Bros. Map Location	TYPE OF PLACE:	DATE INCIDENT OCCURRED	TIME INCIDENT OCCURRED (USE MILITARY TIME):
Clow Valve- 1375 Magnolia Avenue, Corona		Commercial	04/09/10	Unknown

NATURE OF COMPLAINT OR INCIDENT:	Fire at a permitted facility

RCFD INCIDENT NUMBER		HAZMAT INVOICE	CDF INVOICE	FORM 13 COMPLETED	NPDES INVOICE

CODES: RP=RESPONSIBLE PARTY C=COMPLAINANT V=VICTIM W=WITNESS O=OTHER

CODE:	NAME (FIRST, MIDDLE, LAST):	DOB:	RACE:	SEX:

ADDRESS (HOME):	PHONE(H):	HT:	WT:	HAIR COLOR:	EYE COLOR:
ADDRESS (WORK):	PHONE (W)	IDENTIFICATION NUMBER (CDL#):			

FURTHER ACTION / FOLLOWUP REQUIRED				DATE CASE CLOSED		IS IT POSSIBLE TO LOCATE OR IDENTIFY A RESPONSIBLE PARTY FOR THE INCIDENT?				DOES A PROP. 65 REPORT NEED TO BE COMPLETED?			
YES	x	NO			6/9/11	YES	x	NO		IF YES PROVIDE INFORMATION BELOW:	YES		NO	x

NARRATIVE REPORT:

I arrived onsite to investigate the fire located in the hazardous waste storage area. The fire occurred on 4/9/10 at approximately 1240 AM. Corona FD responded to the fire. Jeff Potts of Corona Public Works also responded. The fire is believed to have started in the tri-wall that contained paint booth filters. A new (different) formulation may have contributed to the ignitability. Cal-EMA # 10-2313.

Affected inventory included:

- 1 cubic yard of paint booth filters
- 1 partial drum of paint waste
- 4 cubic yards of absorbent waste
- 1 drum of aerosol cans
- 1 drum of (new) kerosene
- ½ drum of (new) diesel
- 2- 30-gallon drums of soap
- 1- 30-gallon container of vinegar

HCl was contracted on 4/9/10 for clean-up. Six samples were taken from the dirt lot, located in front of the hazardous waste storage area. It did not appear that the storm drain was affected.

CASE REFERRED TO THE HAZARDOUS WASTE GENERATOR PROGRAM.

FERED 6/29/11

REFERRED TO:	CONTACT NAME AND AGENCY:	PHONE:	DATE:

DRUG LAB NOTIFICATION DATE:		OTHER AGENCIES NOTIFIED:	
ADDITIONAL HAZMAT SPECIALISTS ASSIGNED:		TOTAL INCIDENT TIME (ALL STAFF):	3 hour

SPECIALIST PREPARING REPORT:	DATE:	REVIEWED / APPROVED BY SUPERVISOR:	DATE:
C. Parsons	6/9/11	6/29/11	

DISCLOSURE

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health
Hazardous Materials Management Division

Page 1 of 2 pages

SUPPLEMENTAL REPORT

Reference Date 4/12/10

Name Clow Valve

Comp # 33585

Address 1375 Magnolia Ave, Corona

Re: Fire in the haz waste/haz mat Storage Facility # 19196

Remarks:

I arrived onsite to investigate the fire in the hazardous materials / hazardous waste storage area. The fire occurred on 4/9/10 at approximately 1240 am. Corona FD responded to the fire. Jeff Potts of Corona Public Works also responded.

It is believed that the fire started in a tri-wall filled with paint booth filters. A new (different) paint formulation may have contributed to the ignitability.

Inventory affected include (approximate):

Clow Valve:
- 1 cubic yard of paint booth filters
- 1 partial drum of paint waste

Anaco:
- 4 ~~drums~~ cubic yards of absorbent waste
- 1 drum of aerosol cans
- 1 drum of (new) kerosene
- 1 1/2 drum of (new) diesel
- 2 - 30 gallon drums of soap
- 1 - 20 gallon container of vinegar

HCI was contacted on 4/9/10 for clean-up. Six samples were taken from the dirt lot, located in front of the hazardous waste storage area. It does not appear that the storm drain was affected. CFD built a dirt berm to prevent a release to the storm drain.

(continued)

Specialist C Parsons Received By [signature]

DEH-HEH-002 (rev 5/02) HMHC 2002

white-specialist; yellow-operator; pink-file

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health
Hazardous Materials Management Division

SUPPLEMENTAL REPORT

Reference Date 4/12/10

Name Clow Valve

Address 1375 Magnolia Ave Corona

Re: Fire in hazwaste / haz mat storage Facility #

Remarks: (continued)

Please provide the following as they become available:

- manifest(s) for waste removal
- inventory of salvageable vs. non salvageable product

Please contact me at (951) 273 9143 Should you have any questions.

Cal-EMA Control number for this incident is ID-2313.

CONSOLIDATED FORM

PUBLIC WORKS DEPARTMENT

JEFF POTTS
Environmental Compliance Coordinator
(951) 736-2442
Fax (951) 736-2470
Email: jeff.potts@ci.corona.ca.us
Website: www.discovercorona.com
400 S. Vicentia Avenue Corona, California 92882-2187

City of Corona
General Inspection/Incic

Incident Date: 4/9/2010
Time: 1:40 AM

NOTIFICATION/RESPONSE

Category: ☐ Notification ☐ Complaint ☒ Response Request ☐ Reconnaissance
From: BRANDI NAVARRO (name) CORONA DISPATCH (title/position) phone: (951) 736-2334
Company/Agency: CITY OF CORONA ☐ Federal/State ☒ Local ☐ Private ☐ Public
Contact address: CORPORATION YARD WAY city: CORONA Division: DISPATCH state: CA zip: 92880
Comments: A STRUCTURE FIRE INVOLING VARIOUS CHEMICALS AND THE RUN OFF MIGHT BE ENTERING A STORM DRAIN. phone: (951) 736-2334

LOCATION

Affected address: 1375 MAGNOLIA AVENUE city: CORONA state: CA zip: 92879
Extent of Impact: PARKING LOT AND DIRT LOT \ N/A (street, storm drain, flood channel, etc.) (channel/facility name) map page/grid
Reference: GPS: lat long

COMPLAINT

Complaint/Incident: THERE WAS A STRUCTURE FIRE IN THE HAZARDOUS MATERIALS BUILDING WHERE CUTTING OIL, PAINT, KEROSENE, RAGS AND ACETONE ARE STORED AND THE RUN OFF IS COLLECTING IN THE PARKING LOT.
Notification/Request received by: JEFF POTTS date: 4/9/2010

RESPONSIBLE PARTY

RP: CLOW VALVE (company/entity name) phone: (951) 372-2732
Contact: E.H.S MANAGER (title/position) LARRY FISCHER (name) phone: (951) 258-0384
Address: 1375 MAGNOLIA AVENUE City: CORONA State: CA zip: 92879

INVESTIGATION/INSPECTION

Investigated by: JEFF POTTS
Material/Waste involved: CUTTING OIL, KEROSENE, PAINT, ACETONE date: 4/9/2010 time: 2:30AM
Weather: NIGHT TIME / COLD Left Educational Pamphlets: ☒ Yes ☐ No Est. vol/quant.:
Investigation results: ONCE ON SCENE I MET WITH BATT. CHIEF COX AND DIEDRE LOCATI THEY BRIEFED ME ON THE CHEMICALS INVOLVED IN THE FIRE, THE FIRE CREW BUILT A DIRT BERM TO PROTECT THE ON SITE DROP IN-LET CONTAINING THE RUN OFF TO THE PARKING LOT THE REST OF THE RUN OFF FLOW INTO A DIRT LOT ON THE PROPERTY. Photos Taken: ☒ Yes ☐ No
Samples taken: ☐ yes ☐ no Taken by: Sent to: date: / /
Hours spent on investigation: \ 1 1/2 HR \ Job Code:
(response) (documentation) (follow-up)
Complainant/Requestor contacted ☒ in person ☐ by telephone date: 4/9/2010

ACTION

☐ Hazardous Materials Incident –HMI Report:
☐ Enforcement Date: / / ☐ Enforcement Letter ☐ Notice of Non-compliance ☐ Administrative Compliance Order ☐ Cease and Desist Order ☐ Prosecution Case
☒ Correction Required: CLOW VALVE WILL NEED TO HIRE AN ENVIRONMENTAL FIRM TO PROVIDE THE CLEAN UP OF THE SITE AND TAKE SOIL SAMPLES.
☒ No Action -reason: CLOW/ANACO WILL HAVE AN ENVIRONMENTAL FIRM CLEAN UP AND REMOVE THE WATER AND PROVIDE SAMPLES OF THE DIRT LOT

DIEDRE LOCATI

California Emergency Management Agency
Hazardous Materials Spill Report

DATE: 04/12/2010 TIME: 1133	RECEIVED BY:	CONTROL#: Cal EMA - 10-2313 NRC -

1.a. PERSON NOTIFYING Cal EMA:

1. NAME:	2. AGENCY:	3. PHONE#:	4. Ext:	5. PAG/CELL:
	Clow Valve			

1.b. PERSON REPORTING SPILL (If different from above):

1. NAME:	2. AGENCY:	3. PHONE#:	4. Ext:	5. PAG/CELL:

2. SUBSTANCE TYPE:

2. a. SUBSTANCE:	b.QTY:>=<	Amount	Measure	c. TYPE:	d. OTHER:
1. Fire fighting suppression water w/oily waste	=	Unknown	Unknown	PETROLEUM	
2.	=				
3.	=				

c. DESCRIPTION: RP states a fire in small storage area cause the release of various petroleum componets to the ground. The release was contained to the area and no waterways were affected. Initial clean-up is completed and are waiting for permission to enter the building.

f. CONTAINED:	g. WATER INVOLVED:	h. WATERWAY:	i.DRINKING WATER IMPACTED
Yes	No		

j. KNOWN IMPACT None

3. a. INCIDENT LOCATION: 1375 Magnolia Ave

b. CITY:	c. COUNTY:	d. ZIP:
Corona	Riverside County	92879

4. INCIDENT DESCRIPTION:

a. DATE:	b. TIME (Military):	c. SITE:	d. CAUSE
04/09/2010	0100	Industrial Plant	Other **Description for Other :** Fire

e. INJURIES	f. FATALITY	g. EVACUATION	h. CLEANUP BY:
No	No	No	Contractor

6. NOTIFICATION INFORMATION:

a. ON SCENE:	b. OTHER ON SCENE:	c. OTHER NOTIFIED:
Co Health, Fire Dept., Other	City HAZMAT	

d. ADMIN. AGENCY: Corona Fire Department

e. SEC. AGENCY: Riverside County Environmental Health

f. ADDITIONAL COUNTY:

g. ADMIN. AGENCY:

h. NOTIFICATION LIST:

DOG Unit:

RWQCB Unit: 8

AA/CUPA, DFG-OSPR, DTSC, RWQCB, US EPA, USFWS

CONFIRMATION REQUEST:

********* **Control No: 10-2313** *********

Created by: Warning Center on: 04/12/2010 11:33:15 AM Last Modified by: Warning Center on: 04/12/2010 11:39:12 AM

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health
Hazardous Materials Management Division

SUPPLEMENTAL REPORT

Reference Date 4/12/10

Name Clow Valve

Address 1375 Magnolia Ave. Corona

Re: Fire in the haz waste/haz mat Storage Facility # 19196

Remarks:

I arrived onsite to investigate the fire in the hazardous materials / hazardous waste storage area. The fire occurred on 4/9/10 at approximately 1240 am. Corona FD responded to the fire. Jeff Potts of Corona Public Works also responded.

It is believed that the fire started in a tri-wall filled with paint booth filters. A new (different) paint formulation may have contributed to the ignitability.

Inventory affected include (approximate):

Clow Valve:
- 1 cubic yard of paint booth filters
- 1 partial drum of paint waste

Onsite:
- 4 ~~drums~~ cubic yards of absorbent waste
- 1 drum of aerosol cans
- 1 drum of (new) kerosene
- 1½ drum of (new) diesel
- 2 - 30 gallon drums of soap
- 1 - 20 gallon container of vinegar

HCT was contacted on 4/9/10 for clean-up. Six samples were taken from the dirt lot, located in front of the hazardous waste storage area. It does not appear that the storm drain was effected. CFD built a dirt berm to prevent a release to the storm drain.

(continued)

Specialist C Parsons

Received By Larry Fowler

UNIFIED PROGRAM CONSOLIDATED FORM

GENERATOR INFORM

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health
Hazardous Materials Management Division

Page 2 of 3

SUPPLEMENTAL REPORT

Reference Date 4/12/10

Name Clow Valve

Address 1375 Magnolia Ave Corona

Re: Fire in haz waste / haz mat storage Facility #

Remarks: (continued)

Please provide the following as they become available:

- manifest(s) for waste removal
- inventory of salvageable vs. non salvageable product

Please contact me at (951) 273 9143 Should you have any questions.

Cal-EMA Control number for this incident is ID-2313.

OF RIVERSIDE

City of Corona
neral Inspection/Inci

JEFF POTTS
Environmental Compliance Coordinator
(951) 736-2442
Fax (951) 736-2470
Email: jeff.potts@ci.corona.ca.us
Website: www.discovercorona.com
400 S. Vicentia Avenue Corona, California 92882-2187

Incident Date: 4/9/2010
Time: 1:40 AM

TTIFICATION/RECEIPT

tegory: ☐ Notification ☐ Complaint ☒ Response Request ☐ Reconnaissance

om: BRANDI NAVARRO (name) CORONA DISPATCH (title/position) phone: (951) 736-2334

ompany/Agency: CITY OF CORONA ☐ Federal/State ☒ Local ☐ Private ☐ Public

ontact address: CORPORATION YARD WAY city: CORONA Division: DISPATCH state: CA zip: 92880

omments: A STRUCTURE FIRE INVOLING VARIOUS CHEMICALS AND THE RUN OFF MIGHT BE ENTERING A STORM DRAIN. phone: (951) 736-2334

OF ACTION

Affected address: 1375 MAGNOLIA AVENUE city: CORONA state: CA zip: 92879

Extent of Impact: PARKING LOT AND DIRT LOT (street, storm drain, flood channel, etc.) \ N/A (channel/facility name) map page/grid

Reference: GPS: lat long

Complaint/Incident: THERE WAS A STRUCTURE FIRE IN THE HAZARDOUS MATERIALS BUILDING WHERE CUTTING OIL, PAINT, KEROSENE, RAGS AND ACETONE ARE STORED AND THE RUN OFF IS COLLECTING IN THE PARKING LOT.

Notification/Request received by: JEFF POTTS date: 4/9/2010

RP: CLOW VALVE (company/entity name) phone: (951) 372-2752

Contact: E.H.S MANAGER (title/position) LARRY FUSCHER (name) phone: (951) 258-0384

Address: 1375 MAGNOLIA AVENUE City: CORONA State: CA zip: 92879

Investigated by: JEFF POTTS date: 4/9/2010 time: 2:30AM

Material/Waste involved: CUTTING OIL, KEROSENE, PAINT, ACETONE Est. vol/quant.:

Weather: NIGHT TIME / COLD Left Educational Pamphlets: ☒ Yes ☐ No Photos Taken: ☒ Yes ☐ No

Investigation results: ONCE ON SCENE I MET WITH BATT. CHIEF COX AND DISPATCH LOCATED THEY BRIEFED ME ON THE CHEMICALS INVOLVED IN THE FIRE, THE FIRE CREW BUILT A DIRT BERM TO PROTECT THE ON SITE DROP IN-LET CONTAINING THE RUN OFF TO THE PARKING LOT THE REST OF THE RUN OFF FLOW INTO A DIRT LOT ON THE PROPERTY.

Samples taken: ☐ yes ☐ no Taken by: Sent to:

Hours spent on investigation: 1/2HR \ (response) (documentation) (follow-up) Job Code: date: / /

Complainant/Requestor contacted ☒ in person ☐ by telephone date: 4/9/2010

ACTION

☐ Hazardous Materials Incident –HMI Report:

☐ Enforcement Date: / / ☐ Enforcement Letter ☐ Notice of Non-compliance ☐ Administrative Compliance Order ☐ Cease and Desist Order ☐ Prosecution Case

☒ Correction Required: CLOW VALVE WILL NEED TO HIRE AN ENVIRON MENTAL TO PROVIDE THE CLEAN UP OF THE SITE AND

☒ No Action Reason:

California Emergency Management Agency
Hazardous Materials Spill Report

DATE: 04/12/2010 TIME: 1133	RECEIVED BY:	CONTROL#: Cal EMA - 10-2313 NRC -

1.a. PERSON NOTIFYING Cal EMA:

1. NAME:	2. AGENCY:	3. PHONE#:	4. Ext:	5. PAG/CELL:
	Clow Valve			

1.b. PERSON REPORTING SPILL (If different from above):

1. NAME:	2. AGENCY:	3. PHONE#:	4. Ext:	5. PAG/CELL:

2. SUBSTANCE TYPE:

2. a. SUBSTANCE:	b.QTY:>=<	*Amount*	*Measure*	c. TYPE:	d. OTHER:
1. Fire fighting suppression water w/oily waste	=	Unknown	Unknown	PETROLEUM	
2.	=				
3.	=				

e. DESCRIPTION: RP states a fire in small storage area cause the release of various petroleum componets to the ground. The release was contained to the area and no waterways were affected. Initial clean-up is completed and are waiting for permission to enter the building.

f. CONTAINED:	g. WATER INVOLVED:	h. WATERWAY:	i.DRINKING WATER IMPACTED
Yes	No		

j. KNOWN IMPACT None

3. a. INCIDENT LOCATION: 1375 Magnolia Ave

b. CITY:	c. COUNTY:	d. ZIP:
Corona	Riverside County	92879

4. INCIDENT DESCRIPTION:

a. DATE:	b. TIME *(Military)*:	c. SITE:	d. CAUSE
04/09/2010	0100	Industrial Plant	Other **Description for Other :** Fire

e. INJURIES	f. FATALITY	g. EVACUATION	h. CLEANUP BY:
No	No	No	Contractor

6. NOTIFICATION INFORMATION:

a. ON SCENE:	b. OTHER ON SCENE:	c. OTHER NOTIFIED:
Co Health, Fire Dept., Other	City HAZMAT	

d. ADMIN. AGENCY: Corona Fire Department **e. SEC. AGENCY:** Riverside County Environmental Health

f. ADDITIONAL COUNTY: **g. ADMIN. AGENCY:**

h. NOTIFICATION LIST:

DOG Unit: **RWQCB Unit:** 8

AA/CUPA, DPG-OSPR, DTSC, RWQCB, US EPA, USFWS

CONFIRMATION REQUEST:

********* Control No: 10-2313 *********

Created by: Warning Center on: 04/12/2010 11:33:15 AM Last Modified by: Warning Center on: 04/12/2010 11:39:12 AM

From: Robert Lehmann
To: Bunchek, Sandra
Date: 4/13/2010 7:02 AM
Subject: Fwd: Hazardous Materials Spill Report: Cal EMA Control #:10-2313

CC: Mitchell, Lisa
FYI

>>> <Warning_Center@oes.ca.gov> 4/12/2010 11:42 AM >>>

California Emergency Management Agency
Hazardous Materials Spill Report

DATE: 04/12/2010 | RECEIVED BY Cal EMA: Timothy Britt | Cal EMA CNTRL #:10-2313
TIME: 1133 | RECEIVED BY OSPR: | NRC#:

1.a. PERSON NOTIFYING Cal EMA
1. NAME: Larry Fuscher | 2. AGENCY: Clow Valve
3. PHONE #: 951-372-2732 | 4. EXT: 205 | 5. PAGER #: 951-258-0384

1.b. PERSON REPORTING SPILL (If different from above):
1. NAME: | 2. AGENCY:
3. PHONE #: | 4. EXT: | 5. PAGER #:

2. SUBSTANCE TYPE:
a. SUBSTANCE: / b.QTY: / Amount / Measure / c. TYPE / d. OTHER
1. Fire fighting suppression water w/oily waste / = / Unknown / Unknown / PETROLEUM /
2.
3.

e. DESCRIPTION: RP states a fire in small storage area cause the release of various petroleum components to the ground. The release was contained to the area and no waterways were affected. Initial clean-up is completed and are waiting for permission to enter the building.
f. CONTAINED: Yes | g. WATER INVOLVED: No
h. WATERWAY: | i. DRINKING WATER IMPACTED:
j. KNOWN IMPACT: None

3.a. INCIDENT LOCATION: 1375 Magnolia Ave
b. CITY: Corona | c. COUNTY: Riverside County | d. ZIP: 92879

4. INCIDENT DESCRIPTION:
a. DATE: 4/9/2010 | b. TIME(Military): 0100 | c. SITE: Industrial Plant | d. CAUSE: Other Reason for Other: Fire
e. INJURIED: No | f. FATALITY: No | g. EVACUATIONS: No | h. CLEANUP BY: Contractor
e. INJURIED #: | f. FATALS #: | g. EVACS #:

5. SUSPECTED RESPONSIBLE PARTY:
a. NAME: | b. AGENCY: Clow Valve
c. PHONE#: 951-372-2732 | d. EXT: 205
e. MAIL ADDRESS: 1375 Magnolia Ave
f. CITY: Corona | g. STATE: CA | h. ZIP: 92879

6. NOTIFICATION INFORMATION:
a. ON SCENE: | b. OTHER ON SCENE: Clow Valve
c. OTHER NOTIFIED:
d. ADMIN. AGENCY: Corona Fire Department
e. SEC. AGENCY: Riverside County Environmental Health
f. ADDITIONAL COUNTY: g. ADMIN. AGENCY:
h. NOTIFICATION LIST: DOG Unit: | RWQCB Unit: 8

AA/CUPA , DFG-OSPR , DTSC , RWQCB , US EPA , USFWS

Created by Warning Center on 4/12/2010 11:33:15 AM Last
Modified by Warning Center on 4/12/2010 11:42:01 AM

California State Warning Center
California Emergency Management Agency
Phone: (916) 845-8911
Warning.Center@oes.ca.gov

Certified Unified Program Agency
County of Riverside Community Health Agency
Department of Environmental Health Hazardous Materials Management Division
Hazardous Waste Generator Inspection Report

lity Name: Flow Valve — Date: 3/16/10

ress: 1375 Magnolia Ave — Inspection: Routine [X] Reinspection [ ]

: Corona Zip Code: 92879 Facility # 19196 Type of Generator: ☐ LQG ☐ SQG

tact Person: Larry Fischer # of Employees: 25 Telephone: (951) 735-5555

County Code, Title 8.60 (Ordinance 615.3) Calif. Code of Regulations Title 22 Health & Safety Code Chapter 6.5
Items marked "Y" (Yes) are in compliance. Items marked "N" (No) are violations and must be corrected as outlined in the inspection report. N/A is not applicable or unable to verify.

ardous Waste Storage	Y	N	N/A
Access for Inspection	✓		
Maintained and Operated to Minimize the Possibility of Fire, Explosion, or Release	✓		
Accumulation Time	✓		
Satellite Accumulation	✓		
Separation of Incompatible Materials			✓
ntainers			
Compatibility of Waste with Container	✓		
Container Marking and Labeling	✓		
Weekly Inspections	✓		
Container Condition	✓		
Containers Not Leaking	✓		
Containers Closed	✓		
Ignitable or Reactive Wastes Stored at Least 50 ft. from Property Line			✓
Aisle Space	✓		
Aboveground Hazardous Waste Tank Systems			
Containment of and Detection of Leaks			✓
Waste Tank Standards			✓
Inspection of Aboveground Hazardous Waste Tanks			✓
Leaks, Spills, or Unfit ASTs			✓
Preparedness, Prevention and Contingency Planning			
Required Fire, Spill & Decontamination Equipment	✓		
Testing and Maintenance of Equipment	✓		
Access to Communications or Alarms	✓		
Evacuation Plan	✓		
Emergency Coordinator Listed	✓		
Emergency Response Procedures	✓		

General Hazardous Waste Requirements	Y	N	N/A
Hazardous Waste Generator Permit Fees 7/31/15	✓		
EPA ID Number CAD063115133	✓		
Hazardous Waste Determination	✓		
Disposed/Treated at an Authorized Location	✓		
Treatment/Storage/Transfer/Disposal Permit			✓
Recycling Plan Complete and Reported			✓
Excluded Recyclable materials			✓
Records Review			
Manifest Requirements/Consolidated Manifest	✓		
Manifest Exception Reports			✓
Personnel Training	✓		
Waste Analysis			✓
Hazardous Waste Source Reduction & Management Plan			✓
Biennial Reports			✓
Transportation			
Use of a Registered Transporter of Hazardous Waste PSC	✓		
Miscellaneous			
Used Oil Not Contaminated with Hazardous Waste	✓		
Used Oil and/or Fuel Filters			✓
Batteries Properly Managed			✓
Universal Waste Conditionally Exempt Small Quantity Universal Waste Generator Requirements	✓		
Small Quantity Universal Waste Handler(see attached report)			✓
Large Quantity Universal Waste Handler(see attached report)			✓
Contaminated Rags	✓		
Silver Only Waste			✓
Other:			

Facility manufactures fire hydrants, generating waste paint, waste paint booth filters, waste paint related debris (rags) and oily water. PSC is the hazardous waste hauler. All paperwork was onsite and available for review. The manufacturing area, paint area and storage area are clean and well-maintained. No violations were noted at the inspection.

☐ **Notice of Violation**
The above violations shall be corrected within X days.

Specialist: C Parsons

Received by: Larry Fischer
Print Name: Larry Fischer
Title: Manager EHS

Riverside Office (951) 358-5055
P.O. Box 7489
Riverside, CA 92513-7489

Indio Office (760) 863-8976
47-950 Arabia St., Ste. A
Indio, CA 92201

Hemet Office (951) 766-6524
800 S. Sanderson Ave. Ste. 102
Hemet, CA 92545

Corona Office (951) 273-9143
2275 S. Main St. Ste. 204
Corona, CA 92882

PROD 19196
CP 2/9/10

UNIFIED PROGRAM CONSOLIDATED FORM

GENERATOR INFORMATION

HAZARDOUS WASTE GENERATOR, COUNTY OF RIVERSIDE

Page __ of __

I. FACILITY INFORMATION

See instructions on reverse side

BUSINESS NAME: Clow Valve a division of McWane Inc

FACILITY ID #:

NUMBER OF EMPLOYEES:

BUSINESS SITE ADDRESS (if more than one location):

1375 Magnolia Ave. Corona 92879

II. HAZARDOUS WASTE GENERATED

a. List the hazardous waste codes and the amount generated per month, or go to "b" below.

Waste Code	Amount per Month	Waste Code	Amount per Month	Waste Code	Amount per Month
221	40				
181	288				

b. Check the type of hazardous waste and list the amount generated per month.	YES	AMT/MONTH
1. **Used oils**: Lubrication oils, motor oils, hydraulic oils, transmission oils, oil/water mixtures, and cutting oils.		
2. **Solvents and/or Sludges**: Parts cleaner, dry cleaning fluids and filters, perchlorethylene, methyl chloride, acetone, trichlorethylene, styrene, xylene, and methylethylketone.		
3. **Photo Processing Wastes**: Developer, fixer, hyposolution, and silver solutions including waste from a silver recovery unit.		
4. **Asbestos**: Insulation products, old pipe laggings, asbestos pipes, brake pads.		
5. **Ashes**: All ashes including oil ashes, kiln and oven ashes.		
6. **Acid Solutions and Solids**: pH less than or equal to 2, batteries, metal plating solutions and cleaning waste.		
7. **Alkaline Solutions and Solids**: pH greater than or equal to 12.5, metal plating and cleaning solutions, soda ash, sodium and calcium hydroxide.		
8. **Pesticide**: Unusable portions of active pesticides, unrinsed empty containers, rinse water.		
9. **Paint/Ink Waste**: Paints, paint thinners, paint removers, and printing inks.		
10. **Polychlorinated Biphenyls**: PCB contaminated electronic capacitors, ballasts, transformer fluids.		
11. **Monomer/Polymeric Resin**: Unreacted resin, resin rinse water.		
12. **Miscellaneous**: Antifreeze, anti-corrosion fluids, heavy metals in solid or solution, drilling mud, and mine tailings.		
13. Other hazardous waste generated at your business: _____		

DISCLOSURE

CLOSED LIST

FACILITY INFORMATION
BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # (Agency Use Only) | 1

EPA ID # (Hazardous Waste Only): CAD063115133 | 2

BUSINESS NAME (Same as Facility Name of DBA-Doing Business As): | 3
Clow Valve a Division of McWane Inc

BUSINESS SITE ADDRESS | 103
1375 Magnolia Ave

BUSINESS SITE CITY | 104
Corona

CA

ZIP CODE | 105
92879

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...		If YES, please complete these pages of the UPCF....
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4	BUSINESS OWNER/OPERATOR IDENTIFICATION HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO 4a	Coordinate with your local Agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☐ YES ☒ NO 5	UST FACILITY UST TANK (one per tank)
D. ABOVE GROUND PETROLEUM STORAGE Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	☒ YES ☐ NO 8	NO FORM REQUIRED TO CUPAs May require SPCC plan.
E. HAZARDOUS WASTE Generate hazardous waste?	☒ YES ☐ NO 9	EPA ID NUMBER – provide at the top of this page
Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES ☒ NO 10	RECYCLABLE MATERIALS REPORT (one per recycler)
Treat hazardous waste on site?	☐ YES ☒ NO 11	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12	CERTIFICATION OF FINANCIAL ASSURANCE
Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste?	☐ YES ☒ NO 14a	Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
Household Hazardous Waste (HHW) Collection site?	☐ YES ☒ NO 14b	See CUPA for required forms.
F. LOCAL REQUIREMENTS: Note: If you have answered "NO" to question "A" listed above, complete and submit the Statement		15

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

ILITY ID# 1	BEGINNING DATE 100: 3/1/10	ENDING DATE 101: 3/1/11	
INESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3: ow Valve a DivisionMcWane Inc	BUSINESS PHONE 102: 951-735-5555		
SINESS SITE ADDRESS 75 Magnolia 103	BUSINESS FAX 102a: 951-735-0837		
SINESS SITE CITY rona 104	CA	ZIP CODE 105: 92879	COUNTY 106: Riverside
JN & BRADSTREET 05145941 106	PRIMARY SIC 107: 3491	PRIMARY NAICS 107a: 332911	
USINESS MAILING ADDRESS 375 Magnolia 108 a			
USINESS MAILING CITY Corona 108 b	STATE 108 c: Ca	ZIP CODE 108 d: 92879	
BUSINESS OPERATOR NAME 109: Clow Valve a Division of McWane Inc	BUSINESS OPERATOR PHONE 110: 951-735-5555		

II. BUSINESS OWNER

OWNER NAME 111: Clow Valve a Division of McWane Inc	OWNER PHONE 112: 951-735-5555	
OWNER MAILING ADDRESS 1375 Magnolia 113		
OWNER MAILING CITY 114: Corona	STATE 115: Ca	ZIP CODE 116: 92879

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117: Randel Ballard	CONTACT PHONE 118: 951-735-5555 ext 225	
CONTACT MAILING ADDRESS 1375 Magnolia	CONTACT EMAIL: randy.ballard@clowvalve..com	
CONTACT MAILING CITY 120: Corona	STATE 121: Ca	ZIP CODE 122: 92879

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123: Randel Ballard	NAME 128: Daniel Dart
TITLE 124: Manufacturing Supervisor	TITLE 129: Plant Manager
BUSINESS PHONE 125: 951-735-5555 ext 225	BUSINESS PHONE 130: 951-735-5555 ext 226
24-HOUR PHONE	24-HOUR PHONE 131
PAGER # 127	PAGER # 132

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134	NAME OF DOCUMENT PREPARER 135: Marialeta Micheaux
NAME OF SIGNER (print) 136: Daniel Dart	TITLE OF SIGNER 137: Plant Manager	

1375 Magnolia Ave.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOV 3 0 2009

OFFICE OF
ENFORCEMENT AND
COMPLIANCE ASSURANCE

Via Certified Mail

Linda S. Adams, Secretary
California Environmental Protection Agency
1001 I Street
P.O. Box 2815
Sacramento, CA 95812-2815

Re: Notice of Violation - McWane, Inc.

Dear Ms. Adams:

The purpose of this letter is to notify state environmental departments that the U.S. Environmental Protection Agency (EPA) is proposing to resolve violations of the Clean Air Act (CAA), the Clean Water Act (CWA), the Resource Conservation and Recovery Act (RCRA), and their implementing regulations at certain facilities in your state.

This notice is given pursuant to Section 113(a)(1) of the CAA, 42 U.S.C. § 7413(a)(1), which requires EPA to notify the person found to be in violation of any requirement of a state implementation plan (SIP), and the state in which the plan applies, of such finding no less than 30 days prior to taking action; Section 309(b) of the CWA, 33 U.S.C. § 1319(b), which requires EPA to notify the appropriate state when commencing a civil action; and Section 3008(a)(2) of RCRA, 42 U.S.C. § 6928(a)(2), which requires EPA to notify a state authorized to carry out a hazardous waste program under RCRA § 3006, 42 U.S.C. § 6926, prior to issuing an order or commencing a civil action. The facilities and violations are listed in Attachment A.

EPA plans to resolve the violations in Attachment A, as well as violations identified at McWane facilities in other states, in a Consent Decree. The Consent Decree will be lodged shortly in the United States District Court for the Northern District of Alabama.

Should you have any questions on this matter, please contact me at (202) 564-4387, or your staff may contact Peter Moore at (202) 564-6014, Caroline Hermann at (202) 564-2876, or Beth Cavalier at (202) 564-3271.

Sincerely,

for Bernadette M. Rappold, Director
Special Litigation and Projects Division
Office of Civil Enforcement

CLOSED UST

Attachment A

Location	Violations
Anaco, Corona, California	Under the CWA, on or about December 2004, failed to have a national pollutant discharge elimination system (NPDES) permit for storm water discharges, in violation of 40 C.F.R. § 22.26(a)(1)(v).
Anaco, Corona, California	Under RCRA, on or about April 2001, failed to have adequate secondary containment for its hazardous waste storage area, in violation of 40 C.F.R. § 265 Subpart DD, and 40 C.F.R. §§ 262.34(a), 265.1101.
Clow Valve Company, Corona, California	Under the CAA, on or about March 2001, failed to record daily volatile organic compound emissions from the dry paint booth and the wet paint booth on the respective coating usage charts, in violation of SCAQMD Rule 109 Recordkeeping for Volatile Organic Compound Emissions.
Clow Valve Company, Corona, California	Under CWA, on or about March 2001, failed to fully comply with storm water general permit requirements when it discharged cooling water to the storm sewer system, in violation of 40 C.F.R § 112.26.
Clow Valve Company, Corona, California	Under CWA, failed to meet the benchmark concentration levels authorized by the facility's storm water general permit during sampling on January 11, 2001 for the following parameters: total organic carbon, zinc, nitrate nitrogen, nitrite nitrogen, iron, and aluminum, in violation of 40 C.F.R § 122.26.
Clow Valve Company, Corona, California	Under CWA, on or about December 2004, failed to fully comply with storm water general permit requirements when cooling tower water was being sent to the storm sewer drain but this discharge was not authorized under the general storm water permit, in violation of General NPDES Permit Section A(6)(a)(v).
Clow Valve Company, Corona, California	Under CWA, on or about December 2004, failed to fully comply with the spills section of the facility's storm water pollution prevention plan. The need to address surface staining around the chip storage area had been removed from the plan and staining was observed during the audit suggesting that the deletion of that section from the plan was premature, in violation of 40 C.F.R. § 122.41, and 22 California Code of Regulations (C.C.R.) § 66279.10(c).

Clow Valve Company, Corona, California	Under RCRA, on or about March 2001, failed to comply with hazardous waste container storage area requirements when ground areas within the hazardous waste container storage area, within the machine shop around metal cutting machines, and outside near the pressure test area were contaminated with releases of oil and cutting fluid releases, in violation of 40 C.F.R. §§ 265.31, 265.171, and 8 C.C.R. § 5192.
Clow Valve Company, Corona, California	Under RCRA, on or about March 2001, failed to comply with universal waste requirements when the storage of used oil in a rolloff box was not properly covered, in violation of 40 C.F.R. Part 273, 40 C.F.R. §§ 264.173, 279.22, and 22 C.C.R. § 66279.20.
Clow Valve Company, Corona, California	Under RCRA, on or about March 2001, failed to properly analyze and characterize metal dust, in violation of 40 C.F.R. § 262.11 and 8 C.C.R. § 5192.
Clow Valve Company, Corona, California	Under RCRA, on or about December 2004, failed to have a written source reduction program which is required by a large quantity generator of hazardous waste, in violation of 40 C.F.R. § 262, and 22 C.C.R. § 67100.5.
Clow Valve Company, Corona, California	Under RCRA, on or about December 2004, failed to properly maintain drums of unused paint in the hazardous material storage area on which the labels were not readable, and the containers had visible surface corrosion, in violation of 40 C.F.R. § 262.11, and 22 C.C.R. § 66262.34(f).
Clow Valve Company, Corona, California	Under RCRA, on or about December 2004, failed to characterize hazardous waste when one drum of decontamination water located near the remediation site had not been characterized, in violation of 40 C.F.R. § 262.11.
Clow Valve Company, Corona, California	Under RCRA, on or about December 2004, failed to have a comprehensive universal waste program that covered aerosol cans and cathode ray tubes, in violation of 40 C.F.R. Part 273.
Clow Valve Company, Corona, California	Under RCRA, on or about March 2001 and December 2004, failed to fully comply with the solid and hazardous waste container storage regulations when staining and chip oil were observed on the concrete surface around the metal chip roll-off containers, in violation of 22 CCR § 66279.1 (Standards for Generators of Used Oil).

Ind PR60557/ FA14980

Page 1 of

COUNTY OF RIVERSIDE
DEPARTMENT OF ENVIRONMENTAL HEALTH

County of Riverside Certified Unified Program Agency
Aboveground Petroleum Storage Inspection Report

Facility Name: Flow Valve | Date: 8/28/13
Address: 1375 Magnolia | Inspection: Routine [X] Re-inspection [ ]
City: Corona Zip Code: | Facility#: 60557 | Telephone: 3722732
Contact Person: Larry Fuscher | E-Mail Address:
Date of Initial SPCC Plan:
Tank Content: Oil
Tank Capacity: 1850

FACILITY CLASSIFICATION: ☐ Non-Qualified ☒ Tier I ☐ Tier II

Code of Federal Regulations (CFR) Title 40, Chapter I, Subpart D, Part 112
California Health & Safety Code (HSC) Division 20 Chapter 6.67
Items marked 'Y' (Yes) are in compliance. Items marked 'N' (No) are violations and must be corrected as outlined in the inspection report. N/A is not applicable

	SPCC Plan Elements Pursuant to HSC 25270.4.5 & 25270.12	Y	N	N/A
401	Professional Engineer/Qualified Facility Certification	✓		
402	SPCC Plan Reviewed Date of Last Review: 6/31/12	✓		
403	SPCC Plan Amended Date of Last Amendment:	✓		✓
404	Certification of Technical Amendments	✓		
405	Management Approval and Resources Available to Implement SPCC Plan	✓		
406	Facility Diagram	✓		
407	Type of Oil and Storage Capacity for Each Container	✓		
408	Discharge Prevention Measures; Procedures for Routine Handling	✓		
409	Discharge or Drainage Controls (i.e. Structures, Equipment, and Procedures)	✓		
410	Countermeasures for Discovery, Response & Clean-up	✓		
411	Proper Disposal of Recovered Materials	✓		
412	Required Contact List & Phone Numbers	✓		
413	Procedures to Report a Discharge/Release	✓		
414	Plan Organized and Readily Usable	✓		
415	Spill Predictions for Equipment Failure (Failure Type, Discharge Rate, Flow Direction, etc)	✓		
416	Description of Containment/Diversionary Structures/ Equipment to Prevent a Discharge	✓		
417	Impracticable Determinations for Secondary Containment	✓		
418	Training/Annual Briefings/Designated Person	✓		
419	Security	✓		

	Records Review Pursuant to HSC 25270.4.5 & 25270.12	Y	N	N/A
420	Current Permit and Permit Fees	✓		
421	SPCC Plan Available Onsite	✓		
422	SPCC Plan Prepared in Accordance with CFR Part 112	✓		
423	Tank Facility Statement Filed Annually / HMBEP Annual Certification Form / Current HMBEP	✓		
424	Inspections and Tests Conducted in Accordance with Plan/Signed Records Maintained for 3 Years	✓		
425	Spill/Release of 42 Gallons or More of Petroleum Reported			✓
	Facility Inspection Pursuant to HSC 25270.4.5 & 25270.12			
426	Facility Drainage: System Functioning/Designed Properly	✓		
427	Containers Compatible with Materials Stored	✓		
428	Secondary Containment Provided	✓		
429	Proper Drainage of Uncontaminated Rainwater from Diked Areas	✓		
430	Corrosion Protection Provided	✓		
431	Integrity Testing/Inspections Conducted	✓		
432	High Liquid Level Alarms/Devices with Audible or Visual Signal and Alarms/Devices Tested	✓		
433	Visible Discharges Corrected and Accumulation of Oil in Diked Areas Removed	✓		
434	Secondary Containment for Mobile/Portable Oil Storage Containers Provided	✓		
435	Warned All Vehicles Entering Facility of Aboveground Piping and/or Oil Transfer Operations	✓		
436	Tank Car/Truck and Loading/Unloading Rack Containment System Provided	✓		
437	Loading/Unloading Rack Warning System Present			✓
438	Other			

☐ Notice of Violation: The SPCC Plan contained all 2 4 the required elements and was available for review. No violations were observed.

All Violations shall be corrected on or before: — MM/YY
Re-inspection/ Return to Compliance shall be completed/ verified on or after: — MM/YY
Specialist (Print): Chad Davis

Received by: US Mail
Print Name:
Title:

CLOSED UST

Riverside Office (951) 358-5055, P.O. Box 7600, Riverside, CA 92513-7600
Hemet Office (951) 766-6524, 800 S. Sanderson Ave., # 102, Hemet, CA 92545
Indio Office (760) 863-8276, 47-950 Arabia St., Ste. A, Indio, CA 92201
Corona Office (951) 273-9143, 2275 S. Main St., # 204

Husky anaco

RECEIVED PR0060055
County of Riverside
Department of Environmental Health CP 12/1
NOV 30 2012

Environmental Protection & Oversight Division
Hazardous Materials Management

FA0014980

November 28, 2012

Christine Parsons
Hazardous Materials Management Specialist III
Hazardous Materials Management Division
2275 S. Main St. Suite 204
Corona, CA 92882

Re: Aboveground Storage Tank Facility Statement

Dear Ms. Parsons;

Enclosed are two Aboveground Storage Tank Facility Statements Anaco and Clow Valve, Inc. here in Corona.

For clarification, Anaco and Clow are from different divisions of McWane, Inc that operate on the same property but have different addresses. McWane is the owner of the property.

The site has one SPCC plan that is managed by the EHS department which has environmental responsibility for the entire site.

Should you have any questions, please contact me at:

Larry Fuscher
Anaco
1001 El Camino Ave
Corona, CA 92879

Phone: Office 951-372-2732 x-205
Cell 951-258-0384

Sincerely;

Larry Fuscher, CSP
Anaco

Enclosures:
Anaco – Aboveground Storage Tank Facility Statement
Clow - Aboveground Storage Tank Facility Statement

CLOSED U

County of Riverside
Department of Environmental Health
Hazardous Materials Branch
P.O. Box 7600
Riverside, CA 92513-7600
http://www.rivcoeh.org

City of Riverside Fire Department
Fire Prevention Bureau
3900 Main Street, 3rd Floor
Riverside, CA 92522
(951) 826 – 5737

UNIFIED PROGRAM CONSOLIDATED FORM

Aboveground Storage Tank Facility Statement

Notification/Change in Status

PR0060557

Page ___ of ___

I. Facility/Business Information

Facility ID# 1	Facility Name 3	Owner Name 111
FA 001-4980	Clow Valve	McWane Inc
Facility Address 103		**Owner Mailing Address** 113
1375 Magnolia Ave		P.O. Box 43327

City 104	Zip Code 105	City 114	State 115	Zip Code 116
Corona	92879	Birmingham	AL	35243

Contact Name 117a	Contact Phone 118a	Contact Email 119a	Owner Phone 112
Larry Fuscher	951-372-2732 ext 205	larry.fuscher@anaco-husk	205-414-3100

Does the facility have an SPCC plan? 920 (see directions on reverse) ☒ Yes ☐ No — If yes, date of last SPCC Plan Revision/Review: 7/31/12

If the facility does not have an SPCC plan, is it in progress? ☐ Yes ☐ No — If yes, expected completion date:

II. Total Facility Capacity (in gallons)

Facility's total aboveground petroleum product storage tank **capacity** for all tanks/containers/equipment/systems greater than or equal to 55 gallons (see directions on reverse)

921 **TOTAL CAPACITY** 1880 gal

III. Tank Details – Include each aboveground tank that contains a petroleum product or other type of oil (including mineral, animal, or vegetable oils). Attach additional pages should your facility have more tanks.

922 Tank ID# (e.g. 1, 2, 3, etc.)	923 Contents (Gas, Diesel, etc.)	924 Capacity (in gallons)	925 Tank Location (Describe location)	926 Year Installed	927 Tank type:	928 Secondary Containment
	SEE ATTACHED TABLES				☐Steel ☐Fiberglass/Plastic ☐Other:	☐Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other:	☐Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other:	☐Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other:	☐Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other:	☐Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other:	☐Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other:	☐Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other:	☐Yes ☐ No
					☐Steel ☐Fiberglass/Plastic ☐Other:	☐Yes ☐ No

IV. Signature

I certify under penalty of law that the information submitted is accurate and complete to the best of my knowledge.

Signature of owner or tank facility operator	Printed name of owner or tank facility operator 136	Date (MM/DD/YYYY) 134
[signature]	DANIEL A. Dart	11-28-12

(Rev 3/2010)

CLOSED UST

TABLE 2B

Clow Container and Oil Containing Equipment Inventory

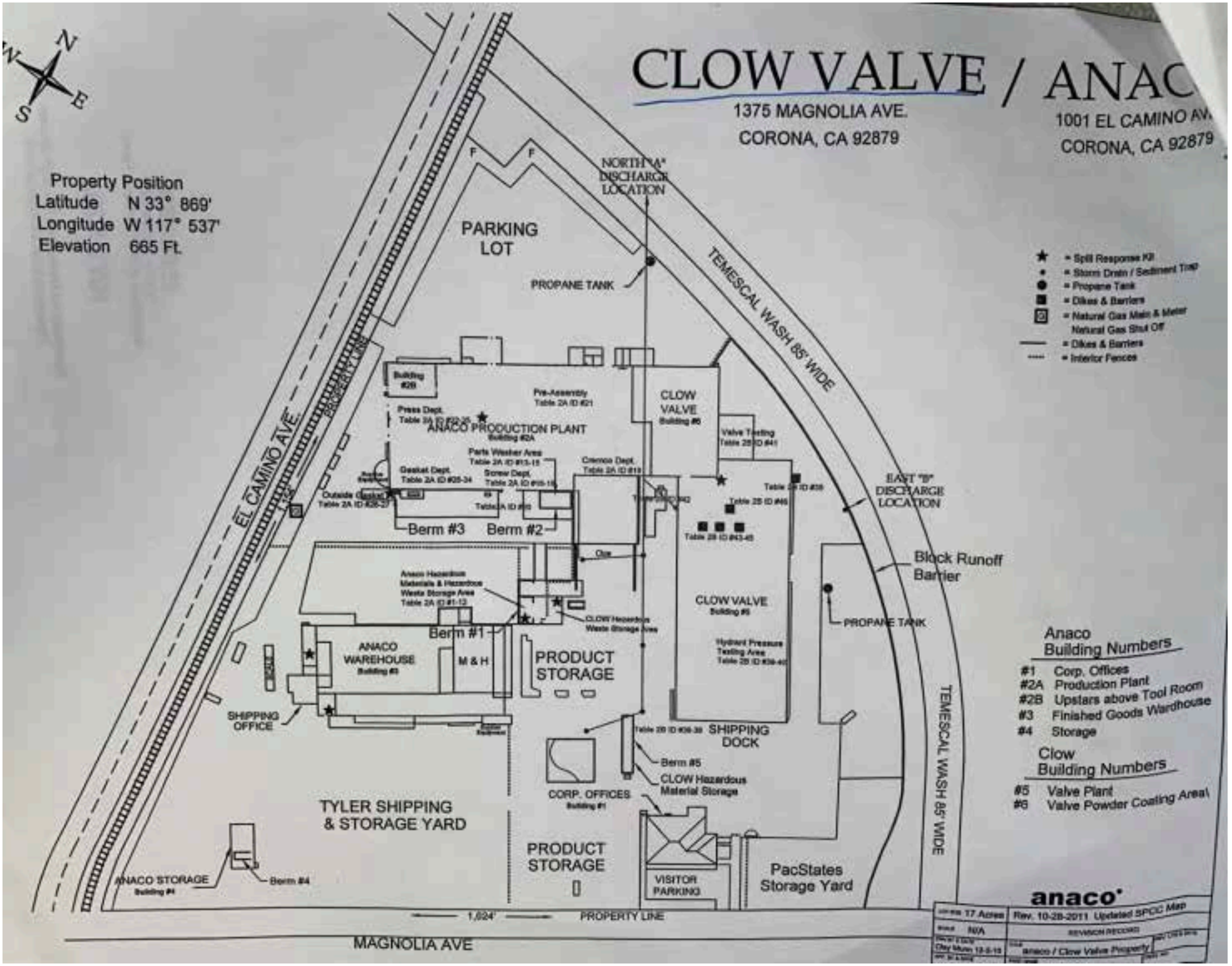
Map Location ID	Container Location	Oil Storage Container	Type of Oil	Storage Capacity (gal)	Qty	Maximum Total Volume (gal)
35	Outside Machine shop on the East Wall	Metal tank unit	Hydraulic oil	82	1	**82**
36	Hazardous Materials Storage Shed	Metal drum	Hydraulic Oil	55	3	**165**
37	Hazardous Materials Storage Shed	Metal drum	Diesel Fuel	55	2	**110**
38	Hazardous Waste Storage Shed	Metal drum	Oily Water Waste	55	2	**110**
39	Hydrant Pressure Test Area	Pressure Test Sump	Water contaminated with oil	279	1	**279**
40	Hydrant Pressure Test Area	Metal drum	Oily Water Waste	55	1	**55**
41	Outdoors	Hydraulic Testing Equipment Unit	Oil	95	1	**95**
42	Outdoors	Electrical Transformer – Equipment Unit	Oil	350	1	**350**
43	Machine Shop	Okuma Sump	Coolant contaminated by oil	262	1	**262**
44	Machine Shop	Metal Drum by Okuma	Hydraulic Oil	55	1	**55**
45	Machine Shop	Okuma Sump #2	Coolant contaminated by oil	262	1	**262**
46	Machine Shop	Metal Drum	Hydraulic Oil	55	1	**55**
Total Aggregate Reservoir volume and Bulk Oil Storage						**1880**

CLOSED

Table 7B
Clow Containment, Diversionary Structures, or Equipment

Container Location	Type of Oil	Primary Container/Equip Description	Secondary Containment Description	2nd Containment Volume (gallons)	Qty.	2nd Containment Volume Total (gallons)
Hazardous Materials Storage Shed	Lubricants, hydraulic oils, cutting oils, and diesel fuels.	Metal 55-gal drums	concrete berm	1,533	1	1476
			Area 2nd Containment Volume Total*:			1476
Hazardous Waste Storage Shed	Waste oils	Metal 55-gal drums	containment pallet	60	1	60
			Area 2nd Containment Volume Total:			60
Hydrant test hydraulic supply area	Hydraulic oil	82-gal Metal Tank Unit	Metal Containment pan	261	1	261

CLOSED UST


CLOW VALVE / ANAC
1375 MAGNOLIA AVE.
CORONA, CA 92879
1001 EL CAMINO AV
CORONA, CA 92879
Property Position
Latitude N 33° 869'
Longitude W 117° 537'
Elevation 665 Ft.
NORTH "A" DISCHARGE LOCATION
PARKING LOT
PROPANE TANK
TEMESCAL WASH 85' WIDE
EAST "B" DISCHARGE LOCATION
EL CAMINO AVE.
ANACO PRODUCTION PLANT
Building #2A
CLOW VALVE
Building #6
Pre-Assembly
Press Dept.
Parts Washer Area
Gasket Dept.
Screw Dept.
Berm #3
Berm #2
Berm #1
Block Runoff Barrier
Anaco Hazardous Materials & Hazardous Waste Storage Area
CLOW Hazardous Waste Storage Area
ANACO WAREHOUSE
Building #3
M & H
PRODUCT STORAGE
SHIPPING OFFICE
SHIPPING DOCK
Berm #5
CLOW Hazardous Material Storage
CORP. OFFICES
Building #1
TYLER SHIPPING & STORAGE YARD
PRODUCT STORAGE
VISITOR PARKING
PacStates Storage Yard
ANACO STORAGE
Building #4
Berm #4
1,024'
PROPERTY LINE
MAGNOLIA AVE
= Spill Response Kit
= Storm Drain / Sediment Trap
= Propane Tank
= Dikes & Barriers
= Natural Gas Main & Meter
Natural Gas Shut Off
= Dikes & Barriers
= Interior Fences
Anaco Building Numbers
#1 Corp. Offices
#2A Production Plant
#2B Upstairs above Tool Room
#3 Finished Goods Wardhouse
#4 Storage
Clow Building Numbers
#5 Valve Plant
#6 Valve Powder Coating Area\
anaco
17 Acres
Rev. 10-28-2011 Updated SPCC Map
N/A
anaco / Clow Valve Property

DISPOSAL CONTROL SERVICE, INC.

a *LAIDLAW Environmental Services Company*
1369 W. 9th STREET UPLAND, CALIFORNIA 91786
800-929-DCSI 909-983-0342
License #516240

June 10, 1994

Ms. Sandra Wages
County of Riverside
Hazardous Materials Management Division
4065 County Circle Drive
P.O. Box 7600
Riverside, California 92513-7600

Subject: **Clow Valve, Foundry Clean-Up**
1375 Magnolia Avenue
Corona, California

Dear Ms. Wages,

The following are the proposed taaks for removal, loading and subsequent recycle of foundry sand and baghouse dust at the above referenced site. This correspondence is pursuant to our telephone conversation late last month. The quantity of dust and sand to be recycled at Cyprus Miami Mining in Claypool, Arizona has been estimated at approximately 701 tons.

Work Plan

1. Remove baghouse dust from the baghouse adjacent to south end of brass foundry, stockpile.
2. Empty sand from 88 drums, stockpile for loading to bulk disposal.
3. Remove foundry sand from three silos in brass foundry, stockpile.
4. Remove sand from conveyor area and vault. Remove conveyor belt to access vault, remove sand, stockpile.
5. Broom sweep areas of involvement.
6. Load material from quantity list into end-dump trucks for disposal at Laidlaw's Imperial facility.
7. Include in loading of sand approximately 12" of soil from below the stockpile outside the iron foundry.
8. Crush 83 empty drums. Send to recycle at AMR, Ontario,CA on a Bill of Lading.

Please contact me if all is accepable to you. McWane (Clow Valve's parent company) is intent on completing this work as soon as possible. So are we. If any revisions are required, if you have any questions or require further explanation please contact me.

Sincerely,
Disposal Control Service, Inc./Laidlaw Environmental Services, Inc.

JR Fredericks
Sales/Project Management

JRF/lm

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALT

Mr. Barry Robison
McWane, Inc.
P.O. Box 607
Birmingham, Alabama 35201

December 13, 1993

Re: Clow Valve Company Underground Storage Tank Removal

Dear Mr. Robison:

This letter is to inform you that the requirements for the closure of the four underground storage tanks located at 1375 Magnolia Avenue in Corona have been completed. This department has received the results for the laboratory analyses of soil samples collected from beneath the tank. It has been determined that no further site mitigation will be required (reference Del Mar Analytical analyses dated 11/18/93 and 12/10/93).

With the provision that the results obtained from the soil sampling were accurate and properly handled, it is the position of this department that no further action will be required at this location.

It should be pointed out that this letter does not relieve you of any responsibilities mandated under the California Health and Safety Code if additional or previously unidentified contamination is discovered at this same location.

The details of the tank removal are on file at the County of Riverside, Department of Environmental Health, Hazardous Materials Management Division located at 4065 County Circle Drive, Room 123. If you have any questions, please do not hesitate to contact me at (909) 358-5055.

Sincerely,

Sandra J. Wages

Sandra J. Wages
Hazardous Materials Specialist

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909)
16625 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818)

nvironmental Science & Eng.
7390 Brookhurst St., Suite 110
ountain Valley, CA 92708
ttention: Tom Stewart

Client Project ID: 6-93-4441
Clow Valve
Analysis Method: EPA 5030/CA DHS Mod. 8015
First Sample #: CK01876

Sampled: Nov
Received: Nov
Analyzed: Nov
Reported: Nov 1

VOLATILE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015)

Laboratory Number	Sample Description Soil	Volatile Fuel Hydrocarbons mg/Kg (ppm)
CK01876	T1F @ 2'	N.D.
CK01877	T1F @ 6'	N.D.
CK01878	T1O @ 2'	N.D.

Detection Limit:	1.0

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C15.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-7
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1

Environmental Science & Eng.
17390 Brookhurst St., Suite 110
Fountain Valley, CA 92708
Attention: Tom Stewart

Client Project ID: 6-93-4441
Clow Valve
Analysis Method: EPA 3550/CA DHS Mod. 8015
First Sample #: CK01876

Sampled: Nov 17,
Received: Nov 17,
Analyzed: Nov 18,
Reported: Nov 18,

EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015)

Laboratory Number	Sample Description Soil	Extractable Hydrocarbons mg/Kg (ppm)	Hydrocarbon Type
CK01876	T1F @ 2'	N.D.	N.A.
CK01877	T1F @ 6'	N.D.	N.A.
CK01878	T1O @ 2'	N.D.	N.A.
CK01882	T4F @ 2'	N.D.	N.A.
CK01883	T4F @ 6'	N.D.	N.A.
CK01884	T4O @ 2'	N.D.	N.A.

Detection Limit:	5.0

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843

Environmental Science & Eng.
17390 Brookhurst St., Suite 110
Fountain Valley, CA 92708
Attention: Tom Stewart

Client Project ID: 6-93-4441
Clow Valve
Analysis Method: EPA 5030/CA DHS Mod. 8015/8020
First Sample #: CK01879

Sampled: Nov 17, 1993
Received: Nov 17, 1993
Analyzed: Nov 17, 1993
Reported: Nov 18, 1993

VOLATILE FUEL HYDROCARBONS/BTEX DISTINCTION (CA DHS Mod. EPA 8015/8020)

Laboratory Number	Sample Description Soil	Volatile Fuel Hydrocarbons mg/Kg (ppm)	Benzene mg/Kg (ppm)	Toluene mg/Kg (ppm)	Ethyl Benzene mg/Kg (ppm)	Total Xylenes mg/Kg (ppm)
CK01879	T3F @ 2'	N.D.	N.D.	N.D.	N.D.	N.D.
CK01880	T3F @ 6'	N.D.	N.D.	N.D.	N.D.	N.D.
CK01881	T3O @ 2'	N.D.	N.D.	N.D.	N.D.	N.D.
Detection Limit:		1.0	0.050	0.050	0.050	0.050

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C15.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

Gary Steube
Laboratory Director

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-12
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-10
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-184

Environmental Science & Eng.
17390 Brookhurst St., Suite 110
Fountain Valley, CA 92708
Attention: Dave Reilly

Client Project ID: 6-93-4441
Clow Valve, Chiffe Canada
Analysis Method: EPA 418.1 (I.R. with clean-up)
First Sample #: CL01244

Sampled: Dec 9, 19
Received: Dec 9, 19
Analyzed: Dec 9, 19
Reported: Dec 10, 19

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Laboratory Number	Sample Description Soil	Petroleum Hydrocarbons mg/Kg (ppm)
CL01244	T2F-2	8.3
CL01245	T2O-2	12

909-356-5017

Detection Limit:	6.0

COUNTY OF RIVERSIDE, DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION
***** UNDERGROUND STORAGE TANK CLOSURE INSPECTION REPORT *****

Date: 11-17-93 Time Arrived: 1:00 Time Departed: 3:15 Temp. Closure: on PC just mar
Facility: Clow Valve Company Plan Check #: 93-326 Removal: X Abandonment:
Address: 1375 Magnolia Ave. Corona 91719 Contact: Barry Robison - Alabama Plant Joe Scheliga - Corona
Contractor: (Pete) Petro Builder Consultant: ESE Tom Stewart (714)964-8722 Number of Tanks Closed: 4 3
Health Personnel: S. Wages Number of Tank Remaining: Fire: J. Biddex

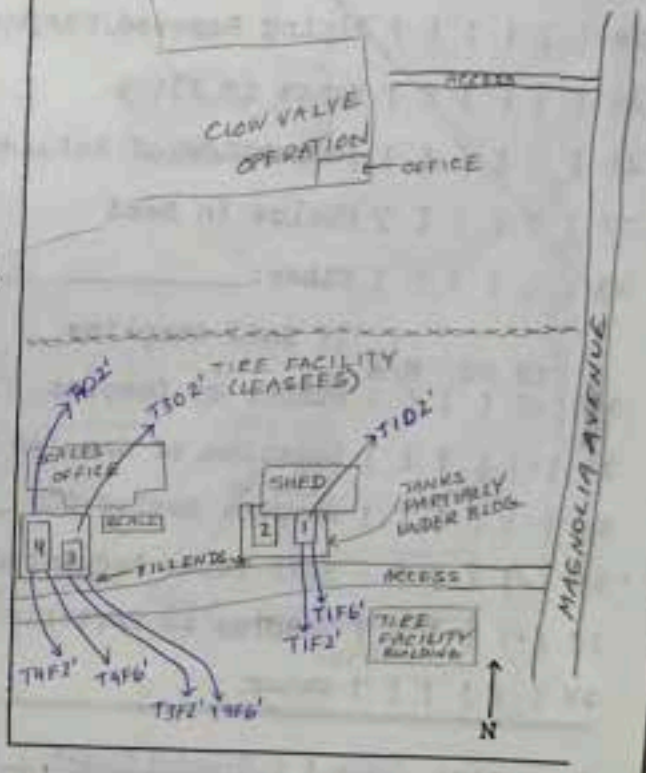
I Temporary Closure

	YES	NO	N/A	
1	[ ]	[ ]	[ ]	Valid Closure Permit
2	[ ]	[ ]	[ ]	Tank Contents Removed
3	[ ]	[ ]	[ ]	Witnesses Sticking of Tanks(s)
4	[ ]	[ ]	[ ]	Flammable Vapors Purged
5	[ ]	[ ]	[ ]	Tank Filled with Non-Corrosive/ Non-Hazardous Liquid
6	[ ]	[ ]	[ ]	Locks on Fill Caps/ Fill Caps Sealed
7	[ ]	[ ]	[ ]	Product Piping Disconnected
8	[ ]	[ ]	[ ]	Power Disconnected
9	[ ]	[ ]	[ ]	Vent Pipe Open
10	[ ]	[ ]	[ ]	Other:

II Removal

	YES	NO	N/A	
11	[✓]	[ ]	[ ]	Valid Closure Permit
12	[✓]	[ ]	[ ]	Tank Triple Rinsed
13	[✓]	[ ]	[ ]	Manifest Available/Number: 92271155
14	[✓]	[ ]	[ ]	Hazardous Waste Hauler: Waste Environmental Services & Transportation
15	[✓]	[ ]	[ ]	Destination of Rinsate: Demenno Kerdoon
16	[✓]	[ ]	[ ]	Witnessed Dry-Icing of Tanks(s)
17	[ ]	[ ]	[✓]	Tank Tags Removed-U.L. Serial #(s):
18	[✓]	[ ]	[ ]	Destination of Tanks(s): AMR
19	[✓]	[ ]	[ ]	Condition of Tanks(s): Good, minimal corrosion
20	[✓]	[ ]	[ ]	Condition of Excavation: sandy moist, clay layer at ~15ft
21	[ ]	[✓]	[ ]	Soil Staining/Odor
22	[ ]	[✓]	[ ]	Unauthorized Release form Issued
23	[ ]	[ ]	[ ]	Other:

Diagram (not to scale)



III Abandonment in Place

	YES	NO	N/A	
24	[ ]	[ ]	[ ]	Valid Closure Permit
25	[ ]	[ ]	[ ]	Tank(s) Rinsed
26	[ ]	[ ]	[ ]	Manifest Available Number:_____
27	[ ]	[ ]	[ ]	Soil Sampling
28	[ ]	[ ]	[ ]	Tank(s) Filled with Priper Slurry
29	[ ]	[ ]	[ ]	Piping Removed/Capped
30	[ ]	[ ]	[ ]	Vents in Place
31	[ ]	[ ]	[ ]	Indication of Release
32	[ ]	[ ]	[ ]	Notice in Deed
33	[ ]	[ ]	[ ]	Other:_____

IV Soil Sampling

	YES	NO	N/A	
34	[✓]	[ ]	[ ]	Number of Samples 12 on 11-17-93 for tanks 1, 3, & 4
35	[✓]	[ ]	[ ]	Location of Samples 2' and 6' at fill ends and 2' at other ends for all tanks
36	[✓]	[ ]	[ ]	Samples Sealed/COC:_____
37	[✓]	[ ]	[ ]	Soil Tests Requested: Mineral Spirits (Tank 1) 8015 m Diesel & 8015 m Gas; Gasoline (Tank 3) 8015 m Gas, 8020, Organic Lead on highest TPH; Diesel (Tank 4) 8015 m Diesel; Asphalt (Tank 2) 418.1
38	[✓]	[ ]	[ ]	Samples to Certified Lab Del Mar Analytical
39	[ ]	[ ]	[ ]	Other

Comments: Tank 1 / Mineral Spirits / 8,000 gals
Tank 2 / Asphalt Emulsion / 4000 gals (removed on 12/9/93 - see attached report)
Tank 3 / Gasoline / 2,000 gals
Tank 4 / Diesel / 8,000 gals

Note: Asphalt tank contained approximately 2,000 gals of hardened product. Contractor to find way to remove material and remove tank within a week, sampling to be conducted at that time.

**** UNDERGROUND STORAGE TANK CLOSURE INSPECTION REPORT *****

12-9-93 Time Arrived: 1 Time Departed: _____ Temp. Closure: _____

Facility: Clow Valve Plan Check #: 93-326 Removal: X Abandonment: _____

Address: _____ Contact: _____

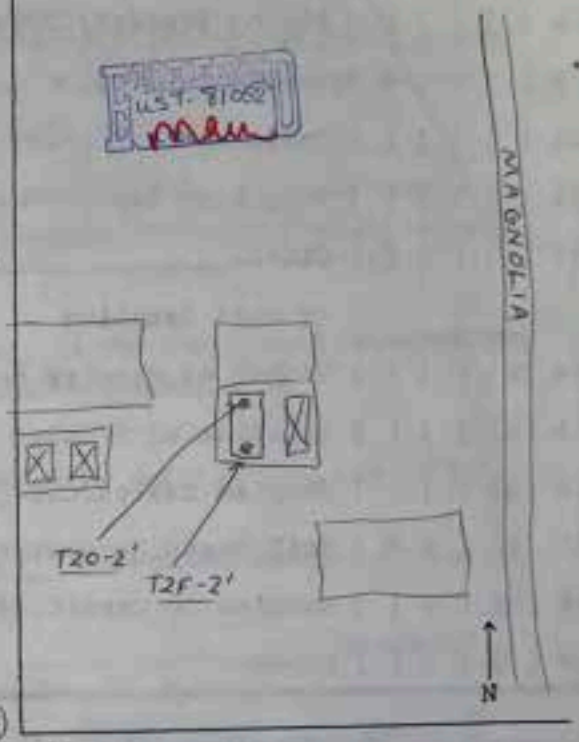
Contractor: _____ Number of Tanks Closed: 1

Health Personnel: Sande Wages Number of Tank Remaining: Ø Fire: Jack Biddex

I Temporary Closure

	YES	NO	N/A	
1	[ ]	[ ]	[ ]	Valid Closure Permit
2	[ ]	[ ]	[ ]	Tank Contents Removed
3	[ ]	[ ]	[ ]	Witnesses Sticking of Tanks(s)
4	[ ]	[ ]	[ ]	Flammable Vapors Purged
5	[ ]	[ ]	[ ]	Tank Filled with Non-Corrosive/ Non-Hazardous Liquid
6	[ ]	[ ]	[ ]	Locks on Fill Caps/ Fill Caps Sealed
7	[ ]	[ ]	[ ]	Product Piping Disconnected
8	[ ]	[ ]	[ ]	Power Disconnected
9	[ ]	[ ]	[ ]	Vent Pipe Open
10	[ ]	[ ]	[ ]	Other: _____

Diagram (not to scale)



II Removal

	YES	NO	N/A	
11	[✓]	[ ]	[ ]	Valid Closure Permit
12	[✓]	[ ]	[ ]	Tank Triple Rinsed (Liquid Asphalt)
13	[✓]	[ ]	[ ]	Manifest Available/Number: 92271156
14	[✓]	[ ]	[ ]	Hazardous Waste Hauler: West Environmental Service & Transportation
15	[✓]	[ ]	[ ]	Destination of Rinsate: Demenno Kerdoon
16	[✓]	[ ]	[ ]	Witnessed Dry-Icing of Tanks(s)
17	[ ]	[ ]	[✓]	Tank Tags Removed-U.L. Serial #(s): _____
18	[✓]	[ ]	[ ]	Destination of Tanks(s): Hugo Nu-Polar
19	[✓]	[ ]	[ ]	Condition of Tanks(s): Appeared Intact
20	[✓]	[ ]	[ ]	Condition of Excavation: Sandy - Moist
21	[ ]	[✓]	[ ]	Soil Staining/Odor
22	[ ]	[✓]	[ ]	Unauthorized Release form Issued
23	[ ]	[ ]	[ ]	Other: _____

III Abandonment in Place

	YES	NO	N/A	
24	[ ]	[ ]	[ ]	Valid Closure Permit
25	[ ]	[ ]	[ ]	Tank(s) Rinsed
26	[ ]	[ ]	[ ]	Manifest Available Number: _____
27	[ ]	[ ]	[ ]	Soil Sampling
28	[ ]	[ ]	[ ]	Tank(s) Filled with Priper Slurry
29	[ ]	[ ]	[ ]	Piping Removed/Capped
30	[ ]	[ ]	[ ]	Vents in Place
31	[ ]	[ ]	[ ]	Indication of Release
32	[ ]	[ ]	[ ]	Notice in Deed
33	[ ]	[ ]	[ ]	Other: _____

IV Soil Sampling

	YES	NO	N/A	
34	[X]	[ ]	[ ]	Number of Samples 2
35	[X]	[ ]	[ ]	Location of Samples Fill and other ends at 2' only
36	[X]	[ ]	[ ]	Samples Sealed/COC: _____
37	[X]	[ ]	[ ]	Soil Tests Requested: 418.1
38	[X]	[ ]	[ ]	Samples to Certified Lab
39	[ ]	[ ]	[ ]	Other _____

Comments: 4000 gallon liquid asphalt tank - no visible contamination
3 other tanks removed previously - sample results were N.D.

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION

UNDERGROUND STORAGE TANK PERMIT FOR CLOSURE

TYPE OF PERMIT

- [X] Removal
- [ ] Abandonment in Place
- [ ] Temporary Closure (12 Months Only)

This permit shall not be construed as to allow the violation of any law, nor does it prevent further corrections of errors found on the application, plans, or at the site. Plans must be resubmitted for approval if any additional changes are made by the applicant.

In addition to this permit, all applicable permits required by the local fire department, building department, and the air quality management district must be obtained and should be available for review at the closure site.

All tank closures must, at a minimum, comply with the California Underground Storage Tank Regulations and the appropriate section of the California Health & Safety Code.

81052

CLOW VALVE/PETRO BUILDER (Owner/Contractor/Applicant) has applied for and is granted a permit to

REMOVE (Remove/Abandon/Temp. Close) FOUR (No.) underground storage tank(s) at

CLOW VALVE (Facility Name) located at

1375 MAGNOLIA (Street Address) in CORONA (City/Town), California.

Underground tank closure inspections **must be scheduled five (5) business days in advance.** Telephone (714) 358-5055.

Daniel T Workman — Permit Approved By

11-8-93 — Date

93-326 — Plan Check #

*This Permit for Closure is VALID FOR 90 DAYS from the date of approval. If no reasonable action is taken within that period, the applicant will be required to reapply for a closure permit with all pertinent fees associated.

RECEIVED PK

CW Storage Main

QA 5007 Pcb

11/8/93

DOH HEH 903 (REV. 8/92)

...AL OF ENVIRONMENTAL HEALTH

...NTY OF RIVERSIDE HEALTH SERVICES AGENCY DEPARTMENT OF ENVIRONMENTAL HEALTH

...DERGROUND STORAGE TANK CLOSURE/ABANDONMENT APPLICATION

...pplication for closure or abandonment of Underground Storage Tanks. Applicant may submit a copy of the removal plans. All fees are NON REFUNDABLE and payable when the plans are submitted with this application.

93.326
PLAN CHECK NUMBER

NAME OF FACILITY	ADDRESS OF FACILITY	(CITY)	PHONE NUMBER
Clow Valve	1375 Magnolia	Corona	714 964 8722
NAME OF OWNER	**ADDRESS OF OWNER**		**PHONE NUMBER**
Clow Valve	902 S 2ND	OSKALOOSA Iowa	515 673 8611
NAME OF OPERATOR	**ADDRESS OF OPERATOR**		**PHONE NUMBER**
Clow Valve	1375 Magnolia	Corona	909 735 5555
NAME OF CONTRACTOR/CONTACT PERSON	**ADDRESS OF CONTRACTOR**		**PHONE NUMBER**
Petro Builder Jon King	10609 Painter Ave		310 946 2285

CONTRACTORS LICENSE TYPE & NUMBER (Including Hazardous Materials Certification)
241905 A, B, C61/D40, C21, HAZ

ANSWER THE FOLLOWING QUESTIONS DESCRIBING THE TANKS TO BE CLOSED OR ABANDONED. IF YOU HAVE MORE THAN FOUR (4) TANKS, PROVIDE INFORMATION ON ADDITIONAL APPLICATION FORM.

	TANK 1	TANK 2	TANK 3	TANK 4
SINGLE/DOUBLE WALL TANK	S	S	S	S
TANK IN USE (YES/NO)	Y	Y	Y	Y
IS TANK SUSPECTED OF LEAKING (YES/NO)	NO	NO	NO	NO
AGE OF TANK (YEARS)	UNK	UNK	UNK	UNK
CONSTRUCTION MATERIAL OF TANK(S)	steel	steel	steel	Steel
HAZARDOUS SUBSTANCE STORAGE HISTORY	Diesel	Gas	Asphalt	MIN Spirits

Check the method of closure to be performed:

REMOVAL (X)

ABANDONMENT ( )

TEMPORARY CLOSURE ( )

DATES FOR WHICH THE TANKS ARE TO BE TEMPORARILY CLOSED (IF APPLICABLE).

NAME OF PERSON TO CONTACT IN AN EMERGENCY	24 HOUR EMERGENCY PHONE NUMBER
Dave Riley	714 964 8722

APPLICANT NAME	APPLICANT SIGNATURE	DATE OF APPLICATION
J King	J King	11/8/93

PLEASE MAKE YOUR CHECK PAYABLE TO THE COUNTY OF RIVERSIDE

CLOSURE/ABANDONMENT FEE

FIRST TANK $250.00
EACH ADDITIONAL TANK.. $100.00

AMOUNT ATTACHED $ 550.00

Clow Valve Company
1375 Magnolia Avenue
Corona, CA 91719

September 17, 1993

RE: Underground Storage Tanks at
1375 Magnolia Avenue
Corona, CA 91719

Attn: Joe Scheliga

Dear Mr. Scheliga:

It has come to the attention of the Hazardous Materials Management Division that the above-mentioned property has two, or possibly three, Underground Storage Tanks (USTs) for which current Underground Storage Tank Permits have not been obtained. Under Riverside County Ordinance 617 and Section 25284(a) of the California Health and Safety Code, "no person shall own or operate an underground storage tank unless a permit for its operation has been issued by the local agency." Therefore, as the property owner of the above location, you are in violation of County and State regulations thereby subject to regulatory action.

In order to remedy these violations, this office provides three options listed as follows:

I. Obtain current UST permits by providing this office with the following information for all tank systems:

-Tank integrity test results
-Pipeline integrity test results
-An approved monitoring alternative application
-Forms A and B (contact this office for applications)
-A statement of financial responsibility
-Daily monitoring records
-Monthly inventory reconciliation records
-Calibration of the meters
-Annual inventory reconciliation records
-Payment of all past and current fees including penalties

II. Place the USTs in Temporary Closure requiring a Closure Permit from this office. A Temporary Closure Permit is valid for one year.

III. Obtain a Permit for Removal from this office and remove the tanks within 90 days.

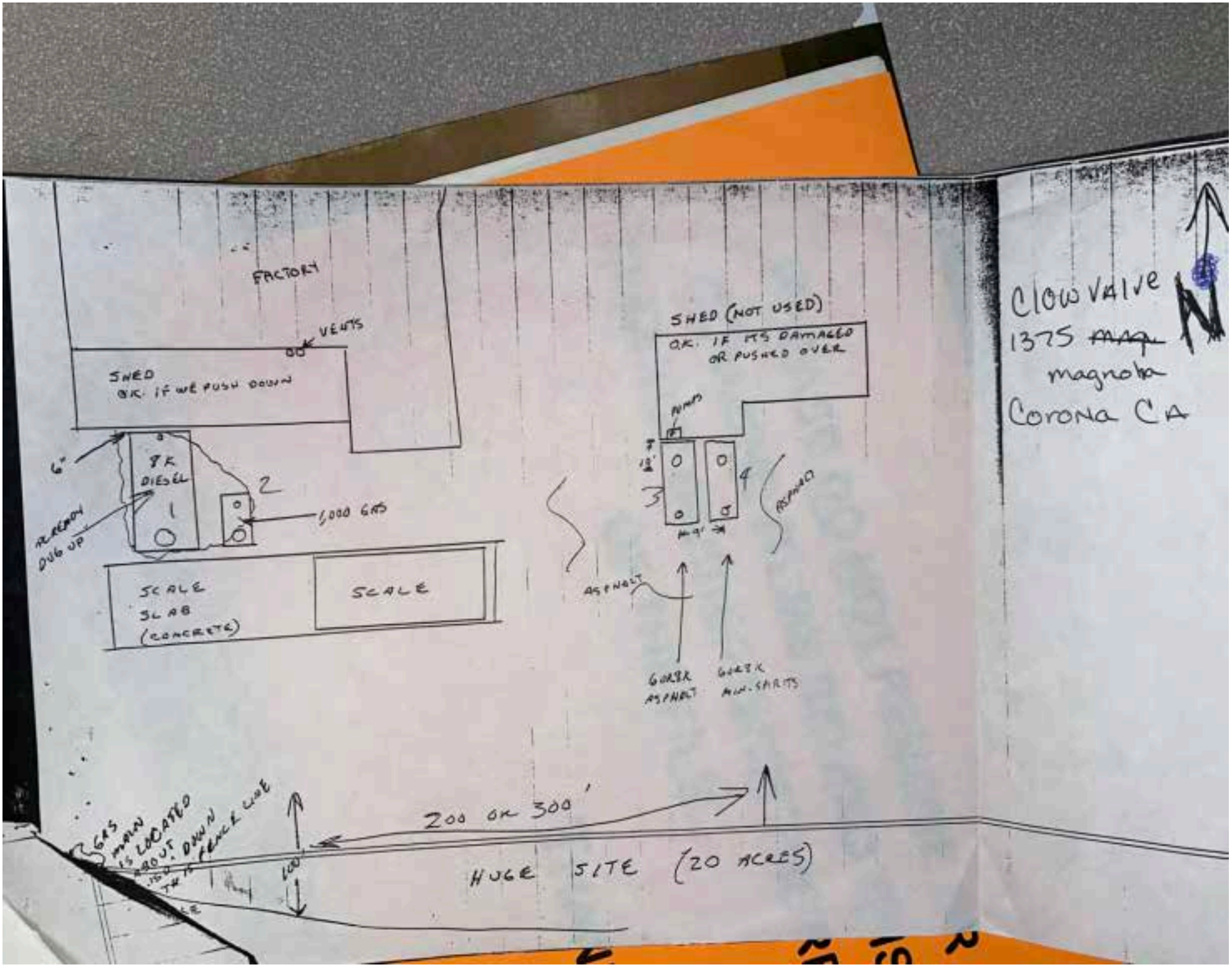
In addition to the current Underground Storage Tank regulations, as stated in Title 23 of the California Code of Regulations, existing UST systems must either be upgraded to include secondary containment or removed by 1998.

One of the above options must be carried out by 10/28/93 to avoid regulatory action. For further details, please call Sande Wages at (909)358-5055.

Thank You,

Sandra J. Wages

Sandra J. Wages
Hazardous Materials Specialist


FACTORY
VENTS
SHED
OK. IF WE PUSH DOWN
6"
8K DIESEL
1
2
1,000 GAL
TO BE DUG UP
SCALE SLAB (CONCRETE)
SCALE
SHED (NOT USED)
OK. IF IT'S DAMAGED OR PUSHED OVER
NEW
3
4
ASPHALT
GORE ASPHALT
GORE MIN-SPLITS
200 OR 300'
GAS MAIN IS LOCATED ABOUT DOWN IN THE FENCE LINE
100'
HUGE SITE (20 ACRES)
CLOW VALVE
1375 ~~AAAA~~
magnolia
CORONA CA

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No.

Page 1 of 1 pages

SUPPLEMENTAL REPORT

phone: 909-358-5055
Fax: 909-358-5017

Reference Date 10/25/00

me Clow Valve

dress 1375 Magnolia Ave. City Corona

pic Hazardous Waste Generators follow-up inspection

EMARKS:

1. Characterize the ~~Sand~~ blast once it becomes a waste. ~~Sand~~ blast just used on cast iron. Need copy of the Material Safety Data Sheet for the sand (Fax to Bruce Bailey at 909-358-5017)
2. Metal dust from floor should be collected and properly stored. The metal dust will require lab characterization for California Metals. Contact Bruce Bailey for assistance at 909-358-5055.
3. What chemicals are added to the cooling tower water? What chemicals do they use to clean the cooling tower system?
   How is the waste water disposed of?
   Please answer these questions and Fax to Bruce Bailey.
4. Discontinue spraying gun cleaning solvent into the spray booth filters. The solvent shall be collected for proper disposal or reused.
5. Contain mop water for proper disposal.
6. Presently, used rags are disposed into the municipal trash. If the rags are contaminated with solvent or coolant, a solvent rag service will be required.
7. Need documentation for the 1997 PCB cleanup.

Inspector Bruce Bailey

Received by

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County of Riverside Health Services Agency
Department of Environmental Health
Hazardous Materials Management Division

Hazardous Waste Generator Inspection Report

ENTERED CA 8/4/98

Page 1 of _____

Facility Name: CLOW VALVE
Street Address: 1375 MAGNOLIA
City: CORONA Zip Code: 91719
Business Contact: RANDY BALLARD Business Phone #:

Date: 072298
Number of Employees: 17
Inspection Type: Full
Reinspection Date:

Health & Safety Code Chapter 6.5 | California Code of Regulations, Title 22 | Riverside County Ordinance 615

Yes	No	N/A	Items marked "No" are violations of the above referenced codes and must be corrected as follows:
			I. Hazardous Waste Storage
✓			A. Accumulation Time
		✓	B. Incompatibles Segregated
			C. Containers
✓			1. Compatible with Waste
	✓		2. Labeled Properly
✓			3. Inspected Weekly
✓			4. Good Condition
✓			5. Stored Closed
✓			6. Ignitables or Reactives 50 ft. from Property Line
		✓	D. Assessment of Tank Systems
			II. Preparedness & Prevention
✓			A. Maintained & Operated to Minimize the Possibility of Fire, Explosion, or Release
✓			B. Communication or Alarm System
✓			C. Fire, Spill & Decontamination Equipment
✓			D. Testing & Maintenance of Emergency Equipment
✓			E. Aisle Space
			III. Records
✓			A. Permit # 81052
✓			B. EPA ID # CAD063115133
✓			C. Manifest Available for 3 Years
	✓		D. Training Records Maintained
✓			E. Waste Analysis Records
		✓	F. Copy of Biennial Report
			IV. Transportation & Disposal
✓			A. Registered Hauler
✓			B. Manifest Procedures
✓			C. Disposed/Treated at an Authorized Location
		✓	D. Extremely Hazardous Waste Permit
			V. Contingency Plan
✓			A. Emergency Response Procedures
✓			B. Arrangement with Local Authorities
✓			C. Emergency Equipment Inventoried
✓			D. Evacuation Plan
✓			E. Emergency Coordinators Listed
			VI. Other
		✓	A. Above Ground Storage Tank Number of Tanks:
		✓	B. PBR | TTU

THIS FACILITY MANUFACTURES VALVES GENERATING WASTE PAINT RELATED MATERIALS AND WASTE OIL. POWDER COATING IS BAGGED AND RECYCLED. WASTE SOLVENT FROM GUN CLEANING IS RECYCLED AS REDUCER

HAZARDOUS WASTE CONTAINERS SHALL BE LABELED TO REFLECT THE CONTENTS OF CONTAINER

PROVIDE WRITTEN DOCUMENTATION THAT EMPLOYEES HAVE BEEN TRAINED TO HANDLE EMERGENCIES. (REQUIRED EVERY 12 MONTHS)

ABOVE VIOLATIONS SHALL BE CORRECTED WITHIN 60 DAYS

Specialist: DON ALLENDER

Received by:
Signature:
Print Name: RANDEL BALLARD
Print Title: MFG SUPERVISOR

Hazardous Materials Management Division
4065 County Circle Drive, P.O. Box 7600 (HEH)
Riverside, CA 92513-7600
(909) 358-5055 • FAX (909) 358-5017
Branch Office: RIVERSIDE

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Reference Date 3/25/96

Name Clow Valve Co., Inc.

Address 1375 Magnolia Ave. City Corona

Topic HAZARDOUS WASTE GENERATOR INSPECTION - FLOW CHART

REMARKS:

The following is a general list of Clow Valve Co.'s processes, the hazardous materials used, and wastes produced:

① RECEIVING IRON AND BRASS CASTINGS

Propane → Forklifts for unloading ← Lube Oil

Forklifts for unloading → WASTES

WASTES → Waste oil from servicing forklifts - handled by outside company

② MACHINING (CAST IRON ONLY - NO BRASS)

Cutting Oil, Iron Castings, Hydraulic Oil, Grease → Machinery

Naptha Solvent → Servicing Machinery

Servicing Machinery → WASTES

WASTES → Waste Solvent disposed as hazardous by Safety-Kleen

WASTES → Metal Chips → Metal Recycler (Non-hazardous)

WASTES → Cutting Oil (Soluble Oil) → Some adheres to metal chips, the rest disposed with waste oil as hazardous waste.

WASTES → Oil contaminated sawdust for leaks/spills disposed under manifest as hazardous waste

WASTES → Used Rags - disposed as hazardous waste

WASTES → Waste hydraulic oil from occasional changing of oil in machinery - disposed as hazardous

Inspector Sandra Wages

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COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Reference Date 3/25/96

Clow Valve Co., Inc.

ess 1375 Magnolia Ave. City Corona

HAZARDOUS WASTE GENERATOR INSPECTION - FLOW CHART (cont.)

ARKS:

(3) ASSEMBLY AND TESTING OF FIRE HYDRANTS

Water → "Closed Loop" pressurized water testing system ← Filter Element

WASTES

Waste filter containing dirt and a small amount of oil - handled as hazardous waste

(5) PAINTING (3 METHODS - ENAMELS, EPOXY, POWDER COAT)

Enamel Paint → Thinned with Kerosene → Black "Asphalt Enamel" Applied in Dip Tank and Spray booth

1515 Solvent → Enamels/Primers Applied by Spray Gun in spray boothes

2-Part Epoxy → Thinned → Epoxy Applied by Spray Gun in Spray Booth

MEK for clean-up

Powder Coat → Powder-Fuse Coat - Iron Castings are heated in oven and Powder coat is applied → "Closed Loop" System - bag house collected surplus put back into system

WASTES:

- Waste Spray booth filters - handled as hazardous waste
- Waste paint scrapings, sweepings, miscellaneous - handled as hazardous waste
- Small amount of waste thinner disposed as hazardous with waste paint
- used Rags - disposed as hazardous waste

(6) STORAGE/SHIPPING

(7) Note: Air Compressors used in all processes (occasional waste oil - disposed as hazardous. Also, Cooling Tower with closed loop water system)

Inspector Sandra J. Wages

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County of Riverside Health Services Agency
Department of Environmental Health
Hazardous Materials Management Division

Hazardous Waste Generator Inspection Report

ENTERED 4/16/96

Facility Name: Clow Valve Co.
Street Address: 1375 Magnolia Ave.
City: Corona Zip Code: 91719
Business Contact: Joe Scheliga Business Phone #: 735-5555

Date: 3/25/96
Number of Employees:
Inspection Type: Routine
Reinspection Date: N/A

Health & Safety Code Chapter 6.5 | California Code of Regulations, Title 22 | Riverside County Ordinance 615

Yes	No	N/A	Items marked "No" are violations of the above referenced codes and must be corrected as follows:
			I. Hazardous Waste Storage
✓			A. Accumulation Time
✓			B. Incompatibles Segregated
			C. Containers
✓			1. Compatible with Waste
✓			2. Labeled Properly
✓			3. Inspected Weekly
✓			4. Good Condition
✓			5. Stored Closed
✓			6. Ingnitables or Reactives 50 ft. from Property Line
		✓	D. Assessment of Tank Systems
			II. Preparedness & Prevention
✓			A. Maintained & Operated to Minimize the Possibility of Fire, Explosion, or Release
✓			B. Communication or Alarm System
✓			C. Fire, Spill & Decontamination Equipment
✓			D. Testing & Maintenance of Emergency Equipment
✓			E. Aisle Space
			III. Records
✓			A. Permit # 81052
✓			B. EPA ID # CAD063115133
✓			C. Manifest Available for 3 Years
✓			D. Training Records Maintained
		✓	E. Waste Analysis Records
		✓	F. Copy of Biennial Report
			IV. Transportation & Disposal
✓			A. Registered Hauler
✓			B. Manifest Procedures
✓			C. Disposed/Treated at an Authorized Location
		✓	D. Extremely Hazardous Waste Permit
			V. Contingency Plan
✓			A. Emergency Response Procedures
✓			B. Arrangement with Local Authorities
✓			C. Emergency Equipment Inventoried
✓			D. Evacuation Plan
✓			E. Emergency Coordinators Listed
			VI. Other
		✓	A. Above Ground Storage Tank Number of Tanks:
		✓	B. PBR \ TTU

Hazardous Materials Management Division
4065 County Circle Drive, P.O. Box 7600 (HEH)
Riverside, CA 92513-7600
(909) 358-5055 • FAX (909) 358-5017
Branch Office
Telephone #

Hazardous Materials Specialist, S. Wages conducted a Hazardous Waste Generator Inspection of the above facility on 3/25/96. Hazardous wastes produced include: paint-related waste (booth filters, rags, scrapings, occasional waste paint, and a small amount of thinner/paint), waste oil, waste solvent (parts-washer).

There were no violations at the time of inspection. PERMIT ISSUED.

Specialist: Sandra J. Wages
Received by:
Signature:
Print Name: JOSEPH SCHELIGA
Print Title: MAIL CONTROL MGR

DEH-HEH 022 (Rev 7/99)

Distribution: WHITE-Office Copy, CANARY-Owner/Operator, PINK-Specialist

RIN

County of Riverside Health Services Agency
Department of Environmental Health
Hazardous Materials Management Division

Hazardous Waste Generator Inspection Report

ENTERED FEB 03 1995

Page 1 of 1

y Name: Clow Valve Company
Address: 1375 Magnolia Ave
Corona
Zip Code: 91719
ess Contact: Joe Scheliga
Business Phone #: 735-5555

Date: 11-15-94
Number of Employees: 9
Inspection Type: Follow-up
Reinspection Date:

Health & Safety Code Chapter 6.5 | California Code of Regulations, Title 22 | Riverside County Ordinance 615

No	N/A	Items marked "No" are violations of the above referenced codes and must be corrected as follows:
		I. Hazardous Waste Storage
✓		A. Accumulation Time
		B. Incompatibles Segregated
		C. Containers
		1. Compatible with Waste
		2. Labeled Properly
		3. Inspected Weekly
		4. Good Condition
		5. Stored Closed
		6. Ignitables or Reactives 50 ft. from Property Line
	✓	D. Assessment of Tank Systems
		II. Preparedness & Prevention
		A. Maintained & Operated to Minimize the Possibility of Fire, Explosion, or Release
		B. Communication or Alarm System
		C. Fire, Spill & Decontamination Equipment
		D. Testing & Maintenance of Emergency Equipment
		E. Aisle Space
		III. Records
✓		A. Permit # 81052
✓		B. EPA ID # CAD063115133
✓		C. Manifest Available for 3 Years
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✓		E. Waste Analysis Records
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		IV. Transportation & Disposal
✓		A. Registered Hauler
✓		B. Manifest Procedures
✓		C. Disposed/Treated at an Authorized Location
	✓	D. Extremely Hazardous Waste Permit
		V. Contingency Plan
✓		A. Emergency Response Procedures
✓		B. Arrangement with Local Authorities
✓		C. Emergency Equipment Inventoried
✓		D. Evacuation Plan
✓		E. Emergency Coordinators Listed
		VI. Other
	✓	A. Above Ground Storage Tank Number of Tanks:
	✓	B. PBR | TTU

HMMS, S. Wages, conducted a Hazardous Waste Generator follow-up inspection of the above facility on 11-15-94.

The following items remain to be corrected:

I. HAZARDOUS WASTE STORAGE

A.) Some used oil has been stored on site for longer than the allowable time period (contaminated with water). Waste foundry sand and lead-contaminated soil has been stored on site for longer than the allowable time period. Owner/operator shall have the above hazardous wastes hauled off-site, as hazardous waste, by a registered hazardous waste hauler maintaining receipts for review.

*All other violations have been corrected.

Note: Facility is changing to water-based paint and has determined that their paint filters may not be hazardous. In order to make a hazardous waste determination, owner/operator shall have filters analyzed for Total Metals under HMMD Supervision.

*Permit issued at the time of inspection.

Correction Date: 12-15-94

Specialist: Sandra J. Wages

Received by:

Signature:

Print Name: JOSEPH V. SCHELIGA

Print Title: MATERIAL CONTROL MANAGER

Hazardous Materials Management Division
4065 County Circle Drive, P.O. Box 7600 (HEH)
Riverside, CA 92513-7600
(909) 358-5055 • FAX (909) 358-5017

Branch Office

Telephone #

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COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No. ENTERED DEC 13 1994

Page 1 of 1 pages

SUPPLEMENTAL REPORT

Reference Date 8-11-94

Name CLOW VALVE COMPANY

Address 1375 OLD MAGNOLIA AVENE City CORONA

Topic CONFIRMATION SAMPLING & FOLLOW-UP HAZARDOUS WASTE GENERATOR

REMARKS:

HMMS, SANDE WAGES, CONDUCTED A SITE VISIT OF THE ABOVE FACILITY ON 8-11-94. WAGES ASSESSED CLEAN-UP OF FOUNDRY SAND AND FOUND IT TO BE PROGRESSING WELL. FOUNDRY SAND PILE DIRECTLY ON SOIL IN REAR OF PLANT HAD BEEN REMOVED AND PROPERLY DISPOSED OF. CONFIRMATION SAMPLES WERE COLLECTED BY CLOW REPRESENTATIVE BARRY ROBISON IN THREE LOCATIONS UNDER WHERE PILE WAS LOCATED. SAMPLES TO BE TRANSPORTED TO LAB BY LAIDLAW PERSONNEL. WAGES THEN CONDUCTED A FOLLOW-UP GENERATOR INSPECTION, WALK-THROUGH AND REVIEW OF RECORDS, WHERE SEVERAL ITEMS WERE NOTED TO BE IN THE PROCESS OF CORRECTION. WAGES REVEIWED, VERBALLY, ITEMS OF CONCERN WITH BARRY ROBISON AND DETERMINED THAT A FORMAL FOLLOW-UP INSPECTION WOULD BE CONDUCTED WITHIN TWO WEEKS WHEN ALL ITEMS WERE SUPPOSED TO BE COMPLETE.

REMAINING ITEMS OF CONCERN: CLEAN-UP OF FOUNDRY SAND, REVIEW OF CONFIRMATION SAMPLE ANALYSIS, CLEAN-UP & DISPOSAL OF CONTAMINATED SOIL, REVIEW OF ALL RECEIPTS/TASKS INVOLVED IN CLEAN-UP, LABELING OF WASTE, CLOSING OF WASTE, INSPECTION OF WASTE STORAGE AREA, REVIEW OF WASTE OIL RECEIPTS.

Inspector Sandra Wages Received by

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COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No. MD

Page 1 of 1 pages

SUPPLEMENTAL REPORT

Reference Date 7/21/94

e Clow Valve

ress 1375 Magnolia City Corona

ic Site Cleanup Activities

MARKS:

Mallay met with Mr. Barry Robinson and Mr. JR Fredericks and conducted a walk-thru of the facility. The drums of foundry sand had been placed next to the fence in the front of the property on Magnolia. The drums of waste oil had been consolidated. Much debris had been removed from the foundry and the stockpiling of wastes had begun. JR indicated that they were planning on stockpiling the sand from the foundry on Magnolia pending disposal. The sampling was tentatively scheduled for 7/28/94.

RIN

ENTERED 11/22/93 I-TR WB

County of Riverside Health Services Agency
Department of Environmental Health
Hazardous Materials Management Division

Hazardous Waste Generator Inspection Report

Facility Name: Clow Valve Company
Street Address: 1375 Magnolia Avenue
City: Corona Zip Code: 91719
Business Contact: Joe Scheliga Business Phone #: 735-5555

Date: 9-17-93
Number of Employees: 7
Inspection Type: Routine
Reinspection Date: 10-28-93

Health & Safety Code Chapter 6.5 | California Code of Regulations, Title 22 | Riverside County Ordinance 615

No	N/A	Items marked "No" are violations of the above referenced codes and must be corrected as follows:
		I. Hazardous Waste Storage
✓		A. Accumulation Time
		B. Incompatibles Segregated
		C. Containers
		1. Compatible with Waste
✓		2. Labeled Properly
✓		3. Inspected Weekly
		4. Good Condition
✓		5. Stored Closed
		6. Ingnitables or Reactives 50 ft. from Property Line
	✓	D. Assessment of Tank Systems
		II. Preparedness & Prevention
✓		A. Maintained & Operated to Minimize the Possibility of Fire, Explosion, or Release
		B. Communication or Alarm System
		C. Fire, Spill & Decontamination Equipment
		D. Testing & Maintenance of Emergency Equipment
		E. Aisle Space
		III. Records
✓		A. Permit # 81052
		B. EPA ID # CAD063115133
✓		C. Manifest Available for 3 Years
✓		D. Training Records Maintained
✓		E. Waste Analysis Records
	✓	F. Copy of Biennial Report
		IV. Tranaportation & Disposal
✓		A. Registered Hauler
		B. Manifest Procedures
✓		C. Disposed/Treated at an Authorized Location
	✓	D. Extremely Hazardous Waste Permit
		V. Contingency Plan
✓		A. Emergency Response Procedures
✓		B. Arrangement with Local Authorities
✓		C. Emergency Equipment Inventoried
✓		D. Evacuation Plan
✓		E. Emergency Coordinators Listed
		VI. Other
	✓	A. Above Ground Storage Tank Number of Tanks:
	✓	B. PBR \ TTU

Hazardous Materials Specialists S. Wages and M. Bahia (with assistance from J. Uhlman and V. Sternjacob) conducted a routine Hazardous Waste Generator Inspection of the above facility on 9-2-93. This facility has several waste streams from past and current manufacturing activities. A large portion of the waste generated from past activities consists of foundry waste (baghouse dust, molding sand, etc.) and an oil/water mixture found in old testing pond. Current Hazardous wastes produced include waste oil, oil-contaminated rags/absorbant, waste paint-related materials, and waste solvent. The following violations were noted at the time of inspection:

I. HAZARDOUS WASTE STORAGE

A.) Old foundry waste (see note) located in several areas of the facility and waste oil/water mixture in test pond has been stored for longer than the allowable time period. Hazardous waste is required to be hauled off site by a registered hazardous waste hauler within 90 days of initial accumulation. Note: Foundry waste will be considered a hazardous waste until

Specialist: Sandra J. Wages

Received by:
Signature: CERTIFIED MAIL
Print Name:
Print Title:

Hazardous Materials Management Division
4065 County Circle Drive, P.O. Box 7600 (HEH)
Riverside, CA 92513-7600
(909) 358-5055 • FAX (909) 358-5017

Branch Office
Telephone #

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Reference Date 9-17-93

e Clow Valve Company

ress _____ City Corona

ic Gen. Insp. (cont.)

MARKS:

proper analysis is provided to the Hazardous Materials Management Dirision (HMMD) to prove otherwise.

C2.) Several containers in various locations (i.e. waste paint-related materials, waste oil, drums of foundry waste) were not labeled. All hazardous wastes shall be properly labeled as to contents to include the following: ① The words "Hazardous Waste" ② Physical and Chemical Characteristics ③ Hazards of Waste ④ Accumulation Start Date ⑤ Name and address of generator.

C3.) General appearance of facility, particularly unused portions, indicates a lack of regular inspections for hazardous waste storage violations. Owner/operator shall inspect hazardous waste storage areas weekly for open, unlabeled containers, spills, potentials for release, etc..

C5.) Oil-contaminated absorbant, waste oil, and old foundry waste drums were not stored closed. All hazardous wastes shall be stored closed so as to minimize the possibility of release.

II. PREPAREDNESS & PREVENTION

A.) Soil contamination was visible in many areas throughout the facility (i.e. large and small piles of foundry waste inside and outside foundry bldgs; what appears to be waste oil

Inspector Sandra J. Wages

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COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Reference Date 9-17-93

me Clow Valve Company

dress _____ City Corona

pic Gen. Insp. (cont.)

MARKS:

contamination in various locations including main machine shop, compressor room, brass foundry storage room, valve assembly area, and drilling area; and a large amount of waste paint related material in and around spray boothes). In addition, compressor room has a drain into which waste oil was leaking at the time of inspection. All hazardous wastes shall be maintained so as to minimize the possibility of release. Soil contamination in these areas shall be remediated under HMMD supervision.

III. RECORDS

A) Permit fees have been paid; however, the Hazardous Waste Generator Permit will not be issued until all violations have been corrected.

C) All manifests and/or receipts for hazardous waste disposal were not available at the time of inspection. Manifests and/or receipts shall be maintained on site for 3 years to be available at the time of inspection.

D) Documented employee training was not available at the time of inspection. All hazardous waste generators shall have documented employee training to demonstrate that employees have been trained to deal with hazardous waste.

Inspector Sandra J. Wages

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COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Reference Date 9-17-93

CLOW VALVE COMPANY

ss _____ City CORONA

GEN. INSP. (cont.)

ARKS:

E.) All current and past waste analysis results for foundry waste and oil/water mixture in old test pond were not available. All waste analyses shall be available on site for inspection.

IV. TRANSPORTATION & DISPOSAL

A.) Due to the fact that all manifests and/or receipts for hazardous waste disposal were not available, use of a registered transporter could not be confirmed. All hazardous waste shall be hauled off site by a registered hazardous waste hauler.

C.) An employee was steam-cleaning machinery without an oil/water clarifier to collect grease and oils for proper disposal. Owner/operator shall cease and desist from steamcleaning activities without a proper collection unit.

V. CONTINGENCY PLAN

A written contingency plan was not available at the time of inspection. All hazardous waste generators shall have a written contingency plan to include the following:
① Emergency Response Procedures ② Arrangement with Local Authorities (demonstrate compliance with City of Corona Fire Dept.
③ Emergency Equipment Inventory ④ Evacuation Plan

Inspector Sandra J. Wagner

Received by CERTIFIED MAIL

DISTRIBUTION: ORIGINAL - Specialist COPY - Supervisor

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Reference Date 9-17-93

me CLOW VALVE COMPANY

dress _____ City Corona

pic Gen. Insp (cont.)

EMARKS:

⑤ List of Emergency Coordinators

The above violations shall be corrected and/or addressed by 10-28-93 to avoid regulatory action. Please be advised that all remediation necessary for compliance, including sample collection and removal of any materials, shall be conducted under HMMD supervision with prior work plan approval

Note: This department will expect all actions resulting from this report to be in accordance with State and Local ordinances and regulations.

Received by CERTIFIED MAIL

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Reference Date 7-20-93

Name Clow Valve Company

Address 1375 Magnolia City Corona

Topic Preliminary Hazardous Waste Generator Inspection

REMARKS:

Hazardous Materials Specialist, Sande Wages, conducted a preliminary Hazardous Waste Generator Inspection of the above facility on 7-20-93. Several areas of concern were noted at the time of inspection listed as follows:

- Large stockpile of possible foundary waste in piles and covering ground in some areas behind facility
- Drums and stockpiles of baghouse dust
- "Settling Pond" containing oil, water? and sludge. Manager stated that Entire containment is concrete. He also stated their intentions to skim off oil, pump out water, and scrape up sludge in bottom.
- Open asphalt dip tank also containing solvents below grade in concrete.
- Abandoned sections of plant which need to be inspected for contamination and/or wastes
- 2 MVF Underground Storage Tanks and 1 possible liquid asphalt UST never under permit on property.
- Spray booths, waste oil rags, absorbant, paint filters & paint related waste all being placed in same drum for disposal
- Old generator application which refers to waste oil as alternative fuel
- In general - soil contamination and accumulation time violations.
- Labeling, cont. plan, training - Manager could not produce at inspection.

Inspector Sande Wages Received by

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Reference Date 7-20-93

Name Clow Valve Company

Address 1375 Magnolia City Coron

Topic

REMARKS:

Due to time constraints and magnitude of possible violations - a routine complete inspection was not conducted on 7-20-93. Manager, Jee Scheliga, was informed of items of concern, and instructed to have records available for full inspection at a later date when supervisor Martha Pahia can assist Wages in inspection.

Inspector Sunday Wages Received by

County of Riverside Health Services Agency
Department of Public Health

Hazardous Materials Management Branch

Hazardous Waste Generator Inspection Report

Facility Name: Crow Valve Co.
Street Address: 325 E. Massoia Ave.
City: Corona
Business Owner:

Date: 4/6/92
Number of Employees: 20
Inspection: Routine ✓ Recheck
Time In: 1:30 Time Out:

A check indicates a violation that must be corrected.

- Permit *[County Ordinance Number 615]* 07699
- EPA Identification Number *[22 CCR 66262.12]* CAD983491723
- Hazardous Waste Determination *[22 CCR 66262.11]*
- Personnel Trained to Comply with Hazardous Waste Laws *[22 CCR 66265.16]*

ENTERED 6-15 CM

I. Hazardous Waste Storage

- A. Appropriate Time *[22 CCR 66262.34, H&SC 25123.3]*
- B. Incompatibles Segregated *[22 CCR 66265.17]*
- C. Containers
  - 1. Containers and Waste Compatible *[22 CCR 66265.172]*
  - 2. Proper Labeling *[22 CCR 66262.34f]*
  - 3. Inspected Weekly *[22 CCR 66265.174]*
  - 4. Good Condition *[22 CCR 66265.171]*
  - 5. Stored Closed *[22 CCR 66265.173]*
  - 6. Ignitable or Reactive Wastes, 50 Feet From Property Line *[22 CCR 66255.176]*
- D. Hazardous Waste Tanks
  - 1. Assessment of Existing Tank System's Integrity *[22 CCR 66265.191]*
  - 2. Tank Compatible With Waste *[22 CCR 66265.194]*
  - 3. Freeboard or Containment for Unenclosed Tanks *[22 CCR 66265.194]*
  - 4. Cut Off for Continuous Feed *[22 CCR 66265.194]*
  - 5. Management and Inspection *[22 CCR 66265.195]*
  - 6. Labeling *[22 CCR 66262.34f]*
  - 7. Reactive or Ignitable Waste Protected from Reaction and Ignition *[22 CCR 66265.198]*

II. Transportation & Disposal

- A. Packaging, Labeling & Placarding *[22CCR 66262.30, 66262.31, 66262.33]*
- B. Registered Hauler *[H&SC 25163]*
- C. Manifest Procedures *[22 CCR 66262.20]*
- D. Extremely Hazardous Waste Permit *[22 CCR 67430.1]*
- E. Disposal at Authorized Location *[H&SC 25189, 25189.5 & 25191]*

III. Records

- A. Manifests, Receipts & Exception Reports Available for Three Years *[22 CCR 66262.40]*
- B. Training Records Maintained *[22 CCR 66265.16]*
- C. Waste Analysis & Determination Records *[22 CCR 66262.40]*
- D. Copy of Biennial Report *[22 CCR 66262.40]*

IV. Preparedness & Prevention

- A. Maintained & Operated to Minimize the Possibility of Fire, Explosion or Sudden or Non-Sudden Release *[22 CCR 66265.31]*
- B. Communication or Alarm System *[22 CCR 66265.32a]*
- C. Fire, Spill Control & Decontamination Equipment *[22 CCR 66265.32c]*
- D. Testing & Maintenance of Emergency Equipment *[CCR 66265.33]*
- E. Aisle Space *[22 CCR 66265.35]*

V. Contingency Plan *[22 CCR 66265.51, 66265.52]*

- A. Emergency Response Procedures
- B. Arrangements with Local Authorities
- C. Emergency Equipment Inventory
- D. Evacuation Plan
- E. Names, Addresses & Phone Number of Emergency Coordinators

Hazardous Materials Management Branch
4065 County Circle Drive
P.O. Box 7600
Riverside, CA 92513-7600
[714] 358-5055
Branch Office: Env.
Phone:

Recipient:
Print Name: JAMES C. MAINZER
Print Title: QA/SAFETY/ENVIRON. MGR.
Signature: James C. Mainzer

Inspector:

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Reference Date 6/10/92

me Glow Value Co

dress 375 E. Magnolia Ave City Corona

pic General Inspection.

EMARKS:

I.B. AT THE TIME OF INSPECTION ACCUMULATION START DATES WERE NOT RECORDED ON CONTAINERS. HAZ-WASTE CAN ONLY BE STORED ON SITE FOR UP TO 90 DAYS. (22 CCR 66262.34.

I.C.(2) C. WASTE CONTAINERS WERE NOT PROPERLY LABELED. ALL HAZ-WASTE CONTAINERS MUST BE PROPERLY LABELED. (22 CCR 66262.34.f)

I.C.(5) HAZ WASTE CONTAINERS WERE NOT STORED CLOSED. ~~FOR~~ ALL HAZARDOUS WASTE CONTAINERS MUST BE STORED CLOSED WHEN NOT IN USE.

ALL VIOLATIONS TO BE CORRECTED WITHIN 72 DAYS:
BY 7/10/92

Inspector [signature]

Received by K. Mainzer

DISTRIBUTION: ORIGINAL - Inspector COPY - Violator

County of Riverside Department of Health
Division of Environmental Health

HAZARDOUS WASTE GENERATOR
Official Inspection Report

DBA/NAME CLEN CORPORATION — DATE 7/10/89
ADDRESS 1375 E. MAGNOLIA — RECHECK DATE
OWNER/OPERATOR TONY MORBETE — COMPUTER NUMBER
MAILING ADDRESS CORONA 91719 — TIME IN 10:00 — TIME OUT 2:00
PERMIT/LICENSE NONE (EXPIRED)
NUMBER OF EMPLOYEES 40 — PROGRAM/ELEMENT/SERVICE FULL

RCRA GENERATOR	YES	NO	N/A
CODE OF FEDERAL REGULATION (TITLE 40, SECTION 261.5)	X		
E.P.A. ID NO. CAD063115133 (CALIFORNIA ADMINISTRATIVE CODE, TITLE 22, SECTION 66472			
STATE PERMITTED HAZARDOUS WASTE FACILITY (22 CAC 66351)		X	
I. HAZARDOUS WASTE STORAGE			
A. LESS THAN 90 DAYS (22 CAC 66508)		X	
B. MAINTAINED AND OPERATED TO MINIMIZE THE POSSIBILITY OF RELEASE (22 CAC 67120)		X	
C. CONTAINERS			
1. CONTAINERS PROPERLY MANAGED (22 CAC 67243)		X	
2. CONTAINERS COMPATIBLE WITH WASTES (22 CAC 67242)	X		
3. PROPER LABELING (22 CAC 66508)		X	
4. PROPER MAINTENANCE			
a. Inspected Weekly (22 CAC 67244)		X	
b. Good Condition (22 CAC 67241)		X	
c. Stored Closed (22 CAC 67243)		X	
5. INCOMPATIBLES STORED SEPARATELY (22 CAC 67247)	X		
6. IGNITABLE OR REACTIVE WASTE 50 FEET FROM PROPERTY LINE (22 CAC 67246)	X		
D. TANKS			
1. GOOD CONDITION (22 CAC 67257)			X
2. TANKS COMPATIBLE WITH WASTES (22 CAC 67257)			X
3. FREEBOARD OR CONTAINMENT FOR UNENCLOSED TANKS (22 CAC 67257)			X
4. CUT OFF FOR CONTINUOUS FEED (22 CAC 67257)			X
5. PROPER MANAGEMENT AND INSPECTION (22 CAC 67259)			X
6. ANALYSIS IF SUBSTANTIALLY DIFFERENT WASTE IS TO BE PLACED IN TANK (22 CAC 67258)			X
7. REACTIVE & IGNITABLE WASTE PROTECTED FROM SOURCES OF REACTION & IGNITION (22 CAC 67261)			X
II. TRANSPORTATION & DISPOSAL			
A. PROPERLY PACKAGED, LABELED, PLACARDED (22 CAC 66504)	X		
B. REGISTERED HAULER USED (HEALTH & SAFETY CODE 25163)	X		
C. PROPER MANIFEST PROCEDURES (22 CAC 66480, 66481, 66484)	X		
D. USE OF PERMITTED DISPOSAL FACILITY (22 CAC 66480)	X		
E. EXTREMELY HAZARDOUS WASTE PERMIT (22 CAC 66370)			X
F. DISPOSED AT AUTHORIZED LOCATION (HEALTH AND SAFETY CODE 25189)	X/A	X	

III. FACILITY RECORD REVIEW	YES	NO	N/A
A. RECORDS			
1. HAZARDOUS MATERIALS DETERMINATION (22 CAC 66471)	X		
2. MANIFEST AVAILABLE FOR THREE YEARS (22 CAC 66484, 66492)	X		
3. DOCUMENTED EMPLOYEE TRAINING (22 CAC 67105)	X		
4. ANNUAL/BIENNIAL REPORT SUBMITTED (22 CAC 66493)	X		
B. EMERGENCY PREPAREDNESS			
1. MEASURE TO PREVENT WASHOUTS IF IN 100-YEAR FLOOD PLAIN (22 CAC 67120)	X		
2. INTERNAL COMMUNICATION EQUIPMENT OR ALARM SYSTEMS (22 CAC 67121)	X		
3. TELEPHONE OR 2-WAY RADIO AT SCENE OF OPERATION (22 CAC 67121)	X		
4. FIRE EXTINGUISHERS, FIRE CONTROL AND DECONTAMINATION EQUIPMENT (22 CAC 67121)	X		
5. EMERGENCY PROCEDURES			
a. Emergency Equipment Maintained (22 CAC 67122)	X		
b. Adequate Aisle Space (22 CAC 67124)	X		
c. Emergency Response Arrangements Made With Local Authorities (22 CAC 67126)	X		
C. CONTINGENCY PLAN			
1. PLAN PREPARED (22 CAC 67141)	X		
a. Emergency Response Procedures	X		
b. Arrangements Agreed to By Local Authorities	X		
c. Emergency Equipment Inventory and Description	X		
d. Evacuation Plan	X		
2. EMERGENCY COORDINATOR (22 CAC 67144)	X		
a. Phone Numbers and Addresses	X		
b. Familiar With All Aspects of Site Operation and Emergency Procedures	X		
c. Authority To Carry Out Plans	X		
D. HAVE PROPER PROCEDURES BEEN FOLLOWED IN PAST?	X		

ITEMS MARKED "NO" UNDER HEADINGS I, II & III REPRESENT VIOLATIONS AND MUST BE CORRECTED BY:

SEE THE REMARKS ON THE FOLLOWING PAGES.

OFFICE AND PHONE NUMBER
4065 COUNTY CIRCLE DR. Riverside, Ca. 92503
PHONE: (714) 358-5055
MAILING ADDRESS: P.O. BOX 7600 Riverside, CA. 92513-7600
OR
BRANCH OFFICE: Kern Co

INSPECTOR: Henry Hsia

RECEIVED BY:
PRINT NAME: JAMES C. MAUSER
PRINT TITLE: QUALITY CONTROL MANAGER
SIGNATURE: James C. Mauser

OFFICE USE

CLASS	I		II	STORAGE, CONT.	6		9	X	REG. HAULER	14		19	CONTING. PLAN		24
HAZ. WASTE DETERM.			I	STORAGE, TANKS	7		8		MANIFESTS			18	EMPLOYEE TRAIN.		25
E.P.A. ID NUMBER			2	STORAGE, SECUR.	9		10	X	DISPOSAL	15		20	RECORDS, REPORTS		26
STORAGE, 90 DAYS	3		4	X PRE-TRANS. REQ.			21		PREPAREDNESS			22	LOCAL PERMIT		27

DOH-HEH-006 (Rev. 1/88) Replaces SAN- - 618 — DISTRIBUTION

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No.

Page 1 of 4 pages

SUPPLEMENTAL REPORT

Reference Date 7/10/89

Name CLOW CORPORATION

Address 1375 OLD MAGNOLIA Rd City CORONA 91719

Topic INSPECTION.

REMARKS:

This facility has ACETONE, METHYL CHLORIDE, MEK, 1,1,1 TRICHLOROETHANE & ISOPROPYL ALCOHOL. WASTE IS generated from water soluble cutting oil, motor oil and lube oil. Resin, waste paint, paint thinner (15 cr), spray booth filters, contaminated rags and bag house wastes. There are some separate areas where spray paint is used.

1,A. - 22, CCR, Section 66508; This facility has on its property hazardous waste for a period of greater than 90 days and does not meet the criteria for a storage facility. The hazardous waste must be disposed of by a registered waste transporter to an appropriate site.

The hazardous waste noted is as follows:

(A) Waste paint (yellow) - Quantity undetermined.
(B) Resins, catalyzied in 5 gallon buckets.
(C) Rag contaminated with Acetone, MEK & thinners.
(D) Hydraulic, Motor & Gear Oil - 16, 55 gallon drums at the "old Paint Shop."

Inspector [signature]

Received by James C. Mauger

DOH-HEH - 002 (REV. 3/87)

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
HAZARDOUS MATERIALS
MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Reference Date 7/10/89

Name Claw Corporation

Address 1375 Old Magnolia Rd City Corona 91719

Topic Inspection

REMARKS:

(E.) 70-80, 55 gallon drums, 70-80, 5 gallon buckets, some with liquid ashes and solid/soil material. 1, 55 gallon drum leaking. These are located on the East side of the machine shop.

(F) One drum containing a thick black substance behind the maintenance shop.

(G) Inside shop - 5 gallon buckets and bags on the floor.

(H) The bag house was releasing minute particles into the air that likely were either metals or sand. This material will require laboratory analysis.

(I) Noted in many area of the grounds were mounds of sand that possibly contained heavy metals from the process. These mounds will also have to be sampled to determine their status re: Hazardous - non Hazardous.

I, B. In almost every instance the possibility

Inspector [signature] Received by James L. Mayer

DOH-HEH - 002 (REV. 3/87)

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
HAZARDOUS MATERIALS
MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Reference Date 7-10-89

Name Clow Corporation

Address 1375 Old Magnolia City Corona

Topic Inspection

REMARKS:

of a release was likely due to poor maintenance. This is violation of 22, CCR, Section 67120.

1-C-1 Containers were not properly managed. They were located in several different areas of the plant making it difficult to manage at all. - 22 CCR Section 67243

1-C-3. With the exception of one or two drums, there were no containers labeled as "Hazardous Waste" and none identified the contents. 22, CCR - Section 66508

1-C-4. Inspection of containers is required on a weekly basis by responsible person. Section 67244, 22, CCR

1-C-4-B. 22 CCR Section 67241 requires the containers holding hazardous waste to be in good condition. Many of the containers were in poor condition and in one case, one was leaking its contents.

Inspector [signature] Received by [signature]

DOH-HEH - 002 (REV. 3/87)

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
HAZARDOUS MATERIALS
MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Reference Date 7-10-89

Claw Corporation

ss 1375 Old Magnolia City Corona

: Insp.

ARKS:

C,4,c. 22 CCR, Section 67243 requires that all hazardous waste containers be closed. Many drums were unsecured, those secured had open bungs. Most all 5 gallon buckets were open as were all of the contaminated soil containers.

II, F. One container holding the black tar like substance had been filled to overflow and had excessive soil contamination. 22 CCR Health & Safety Code 25189 will require the soil to be removed and transported as a hazardous waste to an appropriate disposal site.

A period of 30 days will be granted to the facility to accomplish the required corrections. Expiration date is set at August 10, 1989

Received by James C. Mainero

...CT(S) PRODUCED FIR... ...RY MANUFACTURING ...ALABAMA 35243 ...ER PARKWAY

HAZARDOUS MATERIALS SURVEY

Riverside County Department of Health
Division of Environmental Health
(714) 787-6543

SIC No. _____

Date 12-1-82

Company Name Clow Corp.	Address 1375 Magnolia Ave. Corona		Phone No. (714) 735-5555
Owner Clow Corp. 1211 W. 22nd St. Oak Brook, Il 60521	Person Interviewed Anthony W. Morbeto, Plant Mgr.		No. of Employees
Type of Facility Metal Casting	Hazardous Waste Permit No.	Survey Conducted by Judy Juergen	Manifests Yes ☐ No ☐
Description of Operation Brass + Iron Casting into pressed molds.			

Raw Materials	Operation	Products	Waste Stream	
			Type	Disposal Method
Chevron Thinner 325 Asphalt Coating AW Hydraulic Oil 68 Mystik - Plastic Coating No 770 Mold - Shelcoat Rule 65 920-0-962 Mold-Draw - Cast Ind. Products IC225 Mold-Draw Type Coupler (Hazardous Material) Green sand - silica flour, bentonite, clay bond Asbury Graphite Inert Green Coat 257 + Whitcoat 200 - Mag coat 2WS Core Oil cont'd	When casting operation is going - 1. Mold Filled with green sand 2. Sand compressed into ½ of desired shape 3. Halves placed together 4. Molten metal injected 5. Sand vibrated loose + recycled 6. Placed in wheel abrator filled with beads to smooth finish obtain cont. p3	Fire hydrants Water works items Bronze castings	Green sand Cores Metal Filings ~~Sand metal~~	Class II dump

Remarks Foundry portion of facility has been closed since April 82. There are plans to reopen the iron foundry Sept 83.

Violations Materials found that could not be identified. Mr. Morbeto was advised that these materials should be identified & labled. There were some drums of ~~flammable~~ sand ~~from the floor (99% isopropyl alcohol + acetone)~~ excavation location & remove them from the premises. If they were not to be used. He stated that he would have them removed within 30 days.

Action

RIVERSIDE COUNTY DEPARTMENT OF HEALTH
Division of Environmental Health

Supplemental Report to San Form # 161 Date 12-1-82

Subject Clow Corp

Address 1375 Magnolia, [redacted]. Corona Permit No.

Sanitarian Judy K Duncan

Remarks: Raw Mat'ls Cont.

Silica
Ferro silica
Oxygen + Acetylene for welding
Cast iron pipe > From parent Co. in Iowa
Brass Fittings
Methyl ethyl Ketone
Soluble Oil
Mineral Spirits

The following materials were found on the premises & were used until the Mar/82 closing of the Brass & iron foundries. It is hoped to reopen the brass foundry in Feb. of 83.

Green sand
Silica
Ferro silica
Kold-draw products,
Asphalt coating
Core Oil
Acetone
Isopropyl Alcohol - 99%
Liquid Parting B-500-X - (empty on cont. observed by Black Diamond when empty)

DOH-SAN-118 (Rev. 5/81)

28

RIVERSIDE COUNTY DEPARTMENT OF HEALTH
Division of Environmental Health

3

Supplemental Report to San Form # 161 Date December 1, 1982

Subject Clow Corp Permit No. ____

Address 1325 Magnolia Ave. Corona

Operation cont. Sanitarian Judy K. Sherman

Remarks: 7. Parts are ground to remove rough portions.
8. Some parts are epoxyed inside
9. Parts are machined.

DOH-SAN-118 (Rev. 5/81)

County of Riverside Department of Health
Division of Environmental Health

HAZARDOUS WASTE GENERATOR
Official Inspection Report

DBA/NAME Clow Valve Company DATE 07/07/88
ADDRESS 1375 Old Magnolia Rd RECHECK DATE
OWNER/OPERATOR COMPUTER NUMBER
MAILING ADDRESS Corona, CA 91719 TIME IN 1015 TIME OUT 1100
PERMIT/LICENSE
NUMBER OF EMPLOYEES 60 PROGRAM/ELEMENT/SERVICE Fire 0

RCRA GENERATOR CODE OF FEDERAL REGULATION (TITLE 40, SECTION 261.5)	YES	NO	N/A
	☐	☐	☑

E.P.A. ID NO.
(CALIFORNIA ADMINISTRATIVE CODE, TITLE 22, SECTION 66472

STATE PERMITTED HAZARDOUS WASTE FACILITY (22 CAC 66371)	☐	☐	☑

I. HAZARDOUS WASTE STORAGE			
A. LESS THAN 90 DAYS (22 CAC 66508)	☑	☐	☐
B. MAINTAINED AND OPERATED TO MINIMIZE THE POSSIBILITY OF RELEASE (22 CAC 67120)	☑	☐	☐
C. CONTAINERS			
1. CONTAINERS PROPERLY MANAGED (22 CAC 67243)	☑	☐	☐
2. CONTAINERS COMPATIBLE WITH WASTES (22 CAC 67242)	☑	☐	☐
3. PROPER LABELLING (22 CAC 66508)	☐	☑	☐
4. PROPER MAINTENANCE			
a. Inspected Weekly (22 CAC 67244)	☑	☐	☐
b. Good Condition (22 CAC 67241)	☑	☐	☐
c. Stored Closed (22 CAC 67243)	☑	☐	☐
5. INCOMPATIBLES STORED SEPARATELY (22 CAC 67247)	☑	☐	☐
6. IGNITABLE OR REACTIVE WASTE 50 FEET FROM PROPERTY LINE (22 CAC 67246)	☑	☐	☐
D. TANKS			
1. GOOD CONDITION (22 CAC 67257)	☐	☐	☐
2. TANKS COMPATIBLE WITH WASTES (22 CAC 67257)	☐	☐	☐
3. FREEBOARD OR CONTAINMENT FOR UNENCLOSED TANKS (22 CAC 67257)	☐	☐	☐
4. CUT OFF FOR CONTINUOUS FEED (22 CAC 67257)	☐	☐	☐
5. PROPER MANAGEMENT AND INSPECTION (22 CAC 67259)	☐	☐	☐
6. ANALYSIS IF SUBSTANTIALLY DIFFERENT WASTE IS TO BE PLACED IN TANK (22 CAC 67258)	☐	☐	☐
7. REACTIVE & IGNITABLE WASTE PROTECTED FROM SOURCES OF REACTION & IGNITION (22 CAC 67263)	☐	☐	☐

II. TRANSPORTATION & DISPOSAL			
A. PROPERLY PACKAGED, LABELLED, PLACARDED (22 CAC 66504)	☑	☐	☐
B. REGISTERED HAULER USED (HEALTH & SAFETY CODE 25163)	☑	☐	☐
C. PROPER MANIFEST PROCEDURES (22 CAC 66480, 66481, 66484)	☑	☐	☐
D. USE OF PERMITTED DISPOSAL FACILITY (22 CAC 66480)	☑	☐	☐
E. EXTREMELY HAZARDOUS WASTE PERMIT (22 CAC 66370)	☑	☐	☐
F. DISPOSED AT AUTHORIZED LOCATION (HEALTH AND SAFETY CODE 25189)	☑	☐	☐

III. FACILITY RECORD REVIEW	YES	NO	N/A
A. RECORDS			
1. HAZARDOUS MATERIALS DETERMINATION (22 CAC 66471)	☑	☐	☐
2. MANIFEST AVAILABLE FOR THREE YEARS (22 CAC 66484, 66492)	☑	☐	☐
3. DOCUMENTED EMPLOYEE TRAINING (22 CAC 67105)	☑	☐	☐
4. ANNUAL/BIENNIAL REPORT SUBMITTED (22 CAC 66493)	☐	☐	☑
B. EMERGENCY PREPAREDNESS			
1. MEASURE TO PREVENT WASHOUTS IF IN 100-YEAR FLOOD PLAIN (22 CAC 67120)	☑	☐	☐
2. INTERNAL COMMUNICATION EQUIPMENT OR ALARM SYSTEMS (22 CAC 67121)	☑	☐	☐
3. TELEPHONE OR 2-WAY RADIO AT SCENE OF OPERATION (22 CAC 67121)	☑	☐	☐
4. FIRE EXTINGUISHERS, FIRE CONTROL AND DECONTAMINATION EQUIPMENT (22 CAC 67121)	☑	☐	☐
5. EMERGENCY PROCEDURES			
a. Emergency Equipment Maintained (22 CAC 67122)	☑	☐	☐
b. Adequate Aisle Space (22 CAC 67124)	☑	☐	☐
c. Emergency Response Arrangements Made With Local Authorities (22 CAC 67126)	☑	☐	☐
C. CONTINGENCY PLAN			
1. PLAN PREPARED (22 CAC 67141)	☑	☐	☐
a. Emergency Response Procedures	☑	☐	☐
b. Arrangements Agreed to By Local Authorities	☑	☐	☐
c. Emergency Equipment Inventory and Description	☑	☐	☐
d. Evacuation Plan	☑	☐	☐
2. EMERGENCY COORDINATOR (22 CAC 67144)	☑	☐	☐
a. Phone Numbers and Addresses	☑	☐	☐
b. Familiar With All Aspects of Site Operation and Emergency Procedures	☑	☐	☐
c. Authority To Carry Out Plans	☑	☐	☐
3. HAVE PROPER PROCEDURES BEEN FOLLOWED IN PAST?	☑	☐	☐

ITEMS MARKED "NO" UNDER HEADINGS I, II & III REPRESENT VIOLATIONS AND MUST BE CORRECTED BY:

SEE THE REMARKS ON THE FOLLOWING PAGES.

OFFICE AND PHONE NUMBER
3626 UNIVERSITY AVENUE
RIVERSIDE, CALIFORNIA 92501
PHONE: (714) 369-1141
OR
BRANCH OFFICE:

INSPECTOR Arnold L. Stoller

RECEIVED BY:
PRINT NAME Bill Emery
PRINT TITLE Sec. Foreman
SIGNATURE

OFFICE USE

CLASS	I			II	STORAGE, CONT.	8	9	REG. HAULER	12	13	CONTING. PLAN			18
HAZ. WASTE DETERM			7											

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH
HAZARDOUS MATERIALS MANAGEMENT PROGRAM
3636 University Avenue
Riverside, CA 92501

SECTION A

A1. ESTABLISHMENT NAME

CLOW CORPORATION (7–36)

A2. MAILING ADDRESS (Street number) | N,S,E,W | STREET NAME OR P.O. BOX NUMBER

13175 (37–41) | (42) | MAGNOLIA AVE (43–62)

CORONA (63–77) | CA (78 79) | 91/17/19 (80–84) | (85–88)

A3. ESTABLISHMENT ADDRESS (If different from mailing address)
(Street number) | N,S,E,W | (Street name)

(7–11) | (12) | (13–33)

CITY | STATE | ZIP | BLDG./PLANT NO.

(34–48) | (49 50) | (51–55) | (56–59)

A4. CONTACT PERSON

TONY MORRIS (60–79)

A5. EMERGENCY PHONE

(80–89)

A6. EPA IDENTIFICATION NUMBER

CAD063115133 (7–18)

A7. ESTABLISHMENT PHONE

714 735 5555 (19–28)

A8. NAME OF PREVIOUS OWNER

(29–48)

A9. DATE YOU STARTED OR ASSUMED BUSINESS
MO DAY YR

6 | 14 (49–54)

A10. TOTAL NUMBER OF EMPLOYEES

10+ (7–10)

A11. DO YOU HAVE ANY OF THE FOLLOWING ON SITE?

	YES	NO
SEWAGE DISPOSAL SYSTEM	☑	☐
STORM DRAIN	☑	☐
SEWER CONNECTION	☑	☐

A12. DO YOU HAVE PERMITS FOR ANY OF THE FOLLOWING?

	YES	NO
AIR QUALITY MANAGEMENT DISTRICT	☑	☐
SEWER DISTRICT (FOR INDUSTRIAL WASTES)	☑	☐
HAZARDOUS WASTE FACILITY	☑	☐
HAZARDOUS WASTE HAULER REGISTRATION	☐	☑

OFFICE USE ONLY

ACTION (7) | SUPER./DIST. (8–11) | LOCATION CODE (12 13) | ANNUAL FEE (14–18) | FEE TYPE (19) | PERMIT NUMBER (20–24)

SIC 1 (25–28) | SIC 2 (29–32) | TSD (33) | LIQUID WASTE OSD SD SC (34–36) | STORAGE UT SI (37 38) | STATUS (39)

SECTION B

FOLLOWING IS A PARTIAL LIST OF HAZARDOUS WASTE WHICH WILL ASSIST YOU IN COMPLETING QUESTION
NAMES OF SPECIFIC CHEMICALS AND CRITERIA OF HAZARDOUS WASTE ARE FOUND IN THE
IFORNIA ADMINISTRATIVE CODE, TITLE 22, SECTION 66680 THROUGH 66723 AND THE HEALTH
) SAFETY CODE, 25117 AND 25117.5.

DOES YOUR BUSINESS OR SERVICE PRODUCE, STORE OR HANDLE MATERIALS WHICH CONTAIN ANY OF THE FOLLOWING BY-PRODUCTS OR WASTES?

31

EXAMPLES OF BY-PRODUCTS/WASTES:	YES	NO	APPROX. AMT./MONTH
1. Infectious Wastes (i.e. laboratory cultures, pathological and surgical specimens, human or animal parts, other materials contaminated with etiologic agents).		✓	
2. Solvents (i.e. acetone, methyl chloride, methyl ethyl ketone, benzene, Stoddard, perchloroethylene, dry cleaning fluids, trichloroethylene, styrene, xylene, unspecified solvent mixtures).	✓		
3. Sludges (i.e. paint, degreasing, caustic, paper, metal picking sludge, acetylene, lime, metal machine coolant, tanning).	✓		
4. Waste Oil/Mixed Oil (i.e. motor oil, cutting oil, lube oil, bunker oil, sulfonation oil, oil and water, hydraulic fluid).	✓		
5. Pesticides (i.e. unusable portion of active pesticide, unrinsed empty containers, rinse water).			
6. Polychlorinated Biphenyls (i.e. PCB contaminated electric capacitors, ballasts, transformer fluids).		✓	
7. Monomer Waste / Polymeric Resin (i.e. incompletely reacted resin, resin rinse water).	✓		
8. Organic Liquids/Solids (i.e. fuel, paint thinner, paint remover, paint, dry cleaning fluids and filters).	✓		
9. Solids and Solutions (i.e. cyanide, azide, hypochlorite, sulfide, fluoride, anti-corrosion fluids, coolant, metal and equipment cleaning solutions, heavy metals powdered or in solution, eg.: antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium and zinc).	✓		
10. Acid Solutions with a pH less than or equal to 2 (i.e. battery acid, metal plating waste, etching residue, pickling liquor).	✓		
11. Alkaline Solutions with a pH greater than or equal to 12.5 (i.e. metal plating and cleaning waste, soda ash, sodium or calcium hydroxide).		✓	
12. Asbestos (i.e. insulation products, old pipe lagging, asbestos pipe waste).		✓	
13. Ashes (i.e. all ashes including oil ash, kiln and oven residue).		✓	
14. Photo Processing Waste (i.e. developer, fixer, hypo solutions).		✓	
15. Miscellaneous (i.e. drilling mud, explosives, chemical toilet waste, printing ink, bag house wastes, mine tailings, fly ash, waste chemicals, dyes, obsolete stock).	✓		

SECTION B
(CON'T)

		YES	
B2.	Do you dispose of any items in #B1 by discharging them into the sewer system, including down sinks, storm drains, floor drains, toilets, etc.? If yes, which category(ies) of by-products or wastes? _____	☐	☑
B3.	Do you dispose of any items in #B1 in a way other than disposal into the sewer system (for example: trash cans, dumpster, on the ground, evaporation ponds, land fills, etc.)? If yes, which category(ies) of by-products or wastes? Misc.	☑	☐
B4.	Do you recycle any of the items listed in #B1 through another company/contractor or by yourself? If yes, which category(ies) of by-products or wastes? waste oil, Solids & Solutions	☑	☐
B5.	Do you manifest (prepare the required transportation document for hazardous wastes) any items listed in #B1?	☐	☑
B6.	Do you store any of the wastes or by-products listed in #B1?	☑	☐
a.	If yes, do you store any of the wastes or by-products in a surface impoundment?	☐	☑
	Check the type of protection your surface impoundment has:		
	Liner ☐		
	Double Liner ☐		
	Monitoring Well ☐		
b.	Do you store any wastes or by-products in an underground storage tank?	☐	☑
c.	Do you store raw materials in an underground storage tank?	☐	☑

B7. If you answered 'yes' to any of the above questions (except #B6,c), your business or service DOES generate hazardous waste and a Riverside County Hazardous Materials Management Permit IS REQUIRED.

ENTER THE **Amount Due** FROM THE FOLLOWING FEE SCHEDULE: $ 200.00
ATTACH CHECK OR MONEY ORDER FOR FULL AMOUNT, PAYABLE TO 'COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH'.

ANNUAL FEE SCHEDULE

NUMBER OF EMPLOYEES	FEE
1 - 19	$100.00
20 - 49	$150.00
50 - 99	$200.00
100 - 249	$250.00
250 PLUS	$300.00

IF YOU HAVE CORRECTLY ANSWERED 'NO' TO ALL OF THE ABOVE QUESTIONS, YOUR BUSINESS OR SERVICE DOES **not** APPEAR TO GENERATE HAZARDOUS WASTE. YOU MAY BE CONTACTED BY THE DEPARTMENT OF HEALTH TO DISCUSS THE INFORMATION SUBMITTED IN THIS APPLICATION. PROCEED TO **Section C.**

SECTION C

OWNER NAME Clow Corporation

OWNER ADDRESS 1305 Magnolia

Corona, CA 91719

OWNER PHONE 714-735-5555

TYPE OF INDUSTRY Manufacturing

PRODUCT(S) PRODUCED Water Values & Fire Hydrants

I have understood and completed **SECTIONS A, B AND C.**

I declare, under penalty of perjury, that to the best of my knowledge and belief the statements made herein are correct and true.

NAME Robert M. Stewart (Printed/Typed) Robert M. Stewart (Signature)

TITLE Shop Superintendent

DATE 6-29-87 PHONE (714) 735-5555

Return the completed forms and permit fee, if applicable, to:

County of Riverside Department of Health
Hazardous Materials Management Program
3636 University Avenue
Riverside, CA 92501

RECEIVED
JUL 01 1987
RIVERSIDE CO.
HEALTH DEPT.
Environmental Health

CK # 8341
6-29-87
$200.00

STATE OF CALIFORNIA—HEALTH AND WELFARE AGENCY George Deukmejian, Governor

DEPARTMENT OF HEALTH SERVICES
107 SOUTH BROADWAY, ROOM 7128
LOS ANGELES, CA 90012
(213) 620-2380

SURVEILLANCE AND COMPLIANCE REPORT
HAZARDOUS WASTE GENERATOR

Date of Inspection: 12/1/82

EPA I.D. #CIA|D|0|1|6|1|3|1|1|1|5|7|1|3|1|3|1 | Inspector's Name: J. Iverson

Generator Name/Address	Mailing Address	Ownership
Clow Corp.	Same	Clow Corp.
1375 Magnolia Ave.		1211 W. 22nd St.
Corona, Ca 91720		Oak Brook, Ill 60521

County Riverside | Type of business: | Persons present:

Contact Person Anthony W. Morbete (Plant Mgr.) | Currently - Metal | J. Iverson

Phone # (714) 735-5555 | Casting processed into Valves | A. Morbete

Samples taken: Yes ___ (receipt attached) No X | Avg. Gen. Rate (monthly): ___

Plan of Correction necessary: Yes ___ (Due date: ___) No X

Discussion with Management: The foundry portion of the facility has been closed since April 82. They are plans to reopen the foundry Jul 83. A few drums of contained raw material were found which could not be identified. Mr. Morbete was advised to identify & label them if they were to be used. Also were drums which contained acetone & 99% isopropyl alcohol. Mr. Morbete was advised to properly dispose of them if the materials were not to be used. Otherwise, no hazardous waste was observed.

On this date an inspection of your facility was conducted under authority of Section 25185, California Health & Safety Code and Section 66328, California Administrative Code. The collection of samples or other evidence, including the taking of photographs, was done under authority of Section 66328, California Administrative Code. The following conditions or practices observed this date are alleged to be violations of one or more sections of the California Health & Safety Code, Division 20, or California Administrative Code, Title 22, relating to the storage, handling, transportation, and disposal of hazardous and extremely hazardous waste or asbestos containing products.

Authorized Representative of Firm*
Name ___
Title ___
Signature ___
Date ___

Authorized State Agent
Name Judy K. Iverson
Signature Judy K. Iverson
Date Dec 9, 1983

*Signature of firm representative signifies receipt of copy of this form

1/83

GENERATOR COMPLIANCE CHECKLIST

Section #		Compliance Yes	No	N/A	Expl
	MANIFEST				
66470 (a)	All applicable sections accurately and legibly completed			✓	
(CAC) (b)	All hazardous waste transported offsite is recorded			✓	
66475 (a)	Producer of waste section is completed and signed			✓	
(b)	Hazardous wastes accurately described			✓	
(c)	Degree of hazard indicated			✓	
(d)	Proper D.O.T. shipping name is provided for each load			✓	
(e)	Copy of manifest submitted to registered hauler upon transfer			✓	
(f)	Volume of waste properly indicated			✓	
(g)	Properly completed copies of manifest submitted monthly to DOHS			✓	
	LAND DISPOSAL				
66490 (a)	Only at state approved facilities			✓	
	INCOMPATIBLE WASTE				
66500 (a)	Contact/mixing of incompatible waste does not occur			✓	
(b)	Storage and transportation containers separated and protected			✓	
(c)	Wastes are not added to unwashed incompatible container			✓	
	OPERATION REQUIREMENTS FOR PRODUCER				
66505(a,b)	Hazardous determination made for all waste			✓	
(c)	Hazardous waste taken to state approved facility			✓	
	EXTREMELY HAZARDOUS WASTE PERMIT REQUIREMENTS				
66570(a,b)	No extremely hazardous waste is handled or disposed w/o permit			✓	
(d)	No deviation from DOHS approved handling and disposal methods			✓	
	HAZARDOUS WASTE FACILITY REQUIREMENTS				
25123.3	Does not store onsite hazardous waste for more than 90 days	✓			
(H&Scode)	Does not store hazardous waste offsite for more than 96 hours	✓			
25201	Does not operate onsite hazardous waste treatment facility	✓			
	Does not operate onsite hazardous waste transfer station	✓			
	Does not operate onsite haz. wst. resource recovery facility	✓			
	Does not operate onsite hazardous waste disposal site	✓			
	UNDERGROUND TANKS				
	Does generator have underground tanks containing:				
	Hazardous materials?				
	Hazardous wastes?				
	Does generator have leak detection system for undergrnd tanks?				

* - Expl - explanation attached

Department of Toxic Substances Control

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630

n H. Hickox
y Secretary
nia Environmental
ection Agency

Gray Davis
Governor

ADDENDUM A FOR THE PHASE 1 ENVIRONMENTAL ASSESSMENT INSPECTION REPORT

FACILITY NAME: Clow Valve Company

EPA ID NUMBER: CAD 063 115 133

PHYSICAL ADDRESS: 1375 Magnolia Avenue
Corona, CA 91719

FACILITY CONTACT: Mark A. Willett, Environmental Engineer

TELEPHONE: (641) 673-8611

SITE VISIT DATE: January 22, 2002

REPRESENTATIVES PRESENT:

Yvonne Sanchez, Supervising Hazardous Substances Scientist, Department of Toxic Substances Control (DTSC)

Elizabeth Mathews, Hazardous Substances Scientist, DTSC

Mark A. Willett, Environmental Engineer, Clow Valve Company

Barry Robison, Clow Valve Company

Daniel Dart, Plant Manager, Clow Valve Company

Joe Wilson, Environmental Recovery Services

John Talbot, Environmental Recovery Services

Thomas Owen, Environmental Recovery Services

Douglas Parker, Environmental Recovery Services

CONSENT GIVEN BY: Mark A. Willett, Environmental Engineer
Clow Valve Company

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at www.dtsc.ca.gov.

PURPOSE: This was a follow-up inspection at the site, to further assess Solid Waste Management Units identified in the Corrective Action Consent Agreement

FACILITY INFORMATION:

Current Owner: Clow Valve Company, Oskaloosa, Iowa.

Current Operator: Clow Valve Company

CURRENT STATUS OF FACILITY:

Small Quantity Generator of RCRA Hazardous Waste

WASTE STREAMS:

Waste oils, paint solvents, coolants, waste rags, metal chips

TYPE OF BUSINESS:

Fabrication of large cast iron valves and fire hydrants.

SITE WALKTHROUGH:

On January 22, 2002, DTSC performed a follow-up inspection and technical meeting at Clow Valve Company located at 1375 Magnolia Ave., Corona, CA 91719 (Facility). The purpose of the inspection was to identify a newly identified release at the Facility. DTSC received information of the release in a letter dated September 27, 2001 from Bruce Bailey, of the County of Riverside Health Services Agency. The release was identified as diesel/solvent contaminated soil and foundry sand used as fill dirt located at the Facility. The purpose of the meeting was to discuss revising the previously identified Solid Waste Management Units (SWMU's) or Areas of Concern identified in the Corrective Action Consent Agreement that was signed by the Facility effective October 31, 2001.

At approximately 10:00 a.m. Yvonne Sanchez (DTSC) and I arrived at the Facility. We met with Daniel Dart (Clow), Mark Willett (Clow), and Barry Robison (Clow). We were shortly joined by representatives of the Facility's consulting firm, Advanced Environmental Services, Inc. The representatives included Joe Wilson, John Talbot, Thomas Owen, and Douglas Parker. I received consent to conduct the inspection from Mr. Willet.

We proceeded to inspect the abandoned rail spur area. According to a letter dated September 21, 2001, from Joe Wilson to Bruce Bailey, during a preliminary trenching investigation of the area by Advanced Environmental Services, hydrocarbons and

metals were identified at shallow depths". Mr. Willett informed us that this area formerly housed two Underground Storage Tanks (UST's). One 8,000 gallon diesel tank and one 4000 gallon gasoline tank. Closure of the UST's were done by the County, however no soil sampling data was provided in the County's report. Since the source for the petroleum impacted area is unknown, Mr. Willett stated the Facility's plans for the abandoned rail spur area was to conduct grid sampling and take several borings in order to identify the vertical and horizontal extent of the contamination. Depending on extent of contamination and cleanup at the area the Facility plans to make a grass/park area, or lay a concrete pad over the entire area. It was agreed that this entire area is to be referenced as the "rail spur area." This area will be identified as SWMU 1.

We then proceeded to the chip storage area and the hazardous waste storage area. Due to the proximity in nature of these two area's, it was agreed that the revised Corrective Action Consent Agreement (Agreement) would reference only the "chip storage area" as SWMU 1, for investigation purposes depending on the degree of lateral contamination towards the hazardous waste storage area. For the chip storage area, the Facility plans to do a grid Sampling Analysis plan up to 33 feet laterally from the current storage building. Depending on the extent of contamination, Mr. Willett stated that the Facility may decide to repave and put a concrete pad and roof over the waste roll off bin area. At the time of inspection, Mr. Willett asked if DTSC would consider removing the hazardous waste storage area from the Agreement. I observed on no visual staining or contamination at the inspection of the hazardous waste storage area. Ms. Sanchez and I agreed to remove this as a SWMU from the Agreement. Ms. Sanchez stated that if contamination was found at the roll off bin area adjacent to the hazardous waste storage area, it would have to be investigated in order to determine the lateral and vertical extent of contamination at the area. This area will be identified as SWMU 2.

The next area to be inspected was the area adjacent to pressure test are. Underneath a pump adjacent to the wall, there had been oil leakage that was observed during a DTSC compliance inspection on October 12 and 13, 2000. Mr. Dart informed us that since the inspection, soil around the area was excavated and a pan was placed under the pump. DTSC is recommending that borings be taken and analyzed to make sure that all contaminated soil was removed. This area will be identified as SWMU 3.

The next area to be inspected was the machine shop around the metal cutting machines. At present, there are two Horizontal Machine Centers (T-20 and T-11). Mr. Dart stated that the machines have not been in operation for approximately two years. During the visual inspection, I observed some staining but no problems with concrete integrity. A puddle of oil was observed about 1 foot long/wide around the edge of the machine. Since the condition of the concrete was acceptable, DTSC will remove the machine shop around the metal cutting machine as a SWMU from the Agreement. However, since the area could be a potential area of concern,

DTSC is making a recommendation that an Investigation be conducted once the Facility removes heavy machines from the area. The inspection ended at approximately 11:00 a.m.

EXIT INTERVIEW:

At the conclusion of the inspection, everyone reconvened in Mr. Dart's office. DTSC informed the Facility representatives that the following Solid Waste Management Unit or Area of Concern would be identified in the revised Agreement:

SWMU 1: Abandoned Rail Spur Area - The two area identified by Advanced Environmental Services with hydrocarbons and metals at shallow depths.

SWMU 2: Chip Storage Area - Roll off Bin Area and possibly the Hazardous Waste Storage Area.

SWMU 3: Area Adjacent to the Pressure Test Area.

RECOMMENDATION AND CONCLUSION:

As a potential area of concern, DTSC is making a recommendation that an Investigation should be conducted in the area once the Facility removes heavy machines from the machine shop around the metal cutting machines area.

DTSC requested a Preliminary Endangerment Assessment Workplan (PEA Workplan) for the three Solid Waste Management Unit or Areas of Concern as identified during the inspection. DTSC also agreed on a phased approach to the investigation and remediation, therefore separate plans for each SWMU will be submitted for review, approval, and implementation as proposed by Mr. Wilson. DTSC will revise the Agreement to correlate with the findings of this inspection. Concurrently a PEA Workplan will be submitted to DTSC by the Facility. Mr. Mark Willett identified himself as the Point of Contact for any work regarding cleanup at the Facility.

Elizabeth Mathews, MPH
Hazardous Substances Scientist
DTSC
(714) 484-5309

902 South Second Street
Oskaloosa, Iowa 52577
Phone: 515 673-8611
Fax: 515-673-1934

Clow Valve Company

Fax

To: Mike Shetler **From:** Mark Willett

Fax: (909) 358-5017 **Date:** August 27, 2001

Phone: (909) 358-5055 **Pages:** 2

Re: Notification of release discovery **CC:**

☑ **Urgent** ☑ **For Review** ☑ **Please Comment** ☑ **Please Reply** ☐ **Please Recycle**

•Comments:

Mr. Shetler:

Attached is a letter acting as the notification of the discovery of a release at our Clow Valve Company facility located at 1375 Magnolia Avenue, Corona, CA. This notice is stemming from a conversation with Ms. Sandra Wages in your office. Please call me upon the receipt of this document at (641) 673-8612 ext 207. A hard copy will be mailed tomorrow to your attention.

Respectively,

Mark A. Willett
Environmental Engineer
Clow Valve Company, Oskaloosa, IA

CLOW

Clow Valve Company
902 South 2nd Street
Oskaloosa, IA 52577
Telephone: 641-673-8611
Fax: 641-673-1934

August 27, 2001

Mike Shetler
Riverside County
Hazardous Materials Management Division
P.O. Box 7600
Riverside, CA 92513-7600

RE: Discovery of diesel impacted soil at Clow Valve Company, Division of McWane, Inc, 1375 Magnolia Avenue, Corona, CA

Mr. Shetler:

On Wednesday, August 22, 2001 Clow Valve Company contracted Advanced Environmental Services, Corona, CA to conduct preliminary sampling at our facility. During the investigation soil appearing to be impacted by diesel was discovered at approximately 2 feet below grade. Mark Willett, Environmental Engineer, Clow Valve Company, Oskaloosa, IA was immediately notified and arrived at the site on Thursday, August 23. The subsoil was observed and all sampling activities were halted.

Today, Monday, August 27, Mr. Barry Robison, VP Environmental Affairs, McWane Inc., contacted Ms. Sandra Wages. At that time Ms. Wages asked us to fax this brief report to your attention addressing the discovery of the release. Clow is in the process of contracting Mr. Joe Wilson, Advanced Environmental Services to conduct further sampling in an effort to define the vertical and horizontal extent of the petroleum impacted soil. Ms. Wages stated that all further sampling activities will have to be scheduled through your office to ensure compliance with local regulations.

Please consider this fax (hard copy to be mailed) as our notification to you concerning the discovery of the release.

If there are any other reporting or notification requirements needed concerning this matter please let us know. I look forward to further discussing this matter with you in the near future.

Respectively,

Mark A. Willett
Environmental Engineer
Clow Valve Company

CC: Barry Robison
Alan Truitt
Jim Wakefield
Leon McCullough

[Block (1993) old diesel genset 8,000 gal diesel to locomotives.

Thin background - 3" line - (underground line to locomotive)

- Auger -
- tools -
- core sound - talking about removal.

As a starting point for profiling and initially confirm recycling qualities, contamination, metal content, etc., analytical was conducted on bag house dust and foundry sands recycling feasability was confirmed. Samples of baghouse dust and foundry sand were taken in February, 1994 from the brass foundry and iron foundry. Profile samples were repeated in March, 1994. These materials were approved for recycling at Cyprus-Miami Mining Co. in Claypool, Arizona in May. Due to site improvements being completed Cyprus-Miami was not able to accept material until July, 1994.

Laidlaw Environmental Services began on July 20, 1994 to implement the removal of foundry sands and baghouse dust from the Clow Valve Foundry in Corona. Previous to this an informal work plan was submitted to the County of Riverside and was reviewed by Sandra Wages. It was approved. Previous to the onset of actual work the site was toured with Ms. Wages, Mr. Barry Robinson (of McWane Inc. Clow Valve's parent company) and J.R. Fredericks, Project Manager for L.E.S.I. Upland. This sitewalk was to confirm the work plan and to establish the County's concerns. Basic removal of sand was done by hand, with shovels, scrapers and brooms, also by "Super-Sucker" vacuum truck, backhoe and skiploader.

On site loading was accomplished from one stockpile located to the southeast of the brass foundry bag house. Open-top drums stored in the brass foundry and sand removed from them, the silos, conveyors and trenches were accumulated there. Material at the brass foundry was also broomed from the floors and vacuumed from the roof, the alley, under the bag house and the transformer area. At the northern portion of the site sands had been collected inside the iron foundry and on the dirt pad adjacent to the back door (outside). These materials were moved, then screened at the area southeast of the brass foundry and subsequently loaded onto end-dumptrucks.

All dust and foundry sand was recycled at Cyprus-Miami. The weight shipped was 580.79 tons. All screened waste (debris) segregated from the dust and sand were contained on site in two 15 cubic yard certified hazardous waste bins. Other surplus foundry sands and refractory materials were put into two, 2 cubic yard, certified hazardous waste bins.

Approximately 160, empty 55 gallon metal drums were crushed on site and placed into a roll-off bin. They are to be recycled by Central Reclamation Company of Los Angeles. A certificate of destruction will be issued documenting their recycle.

Oil contaminated soil and asphalt with steel turnings were removed at a sump involved with hydrant manufacturing. Oil, rust and steel turnings were removed from the concrete vault which was approximately three foot in depth. Over flow of oil had seeped onto adjacent asphalt and soil. All oil contaminated material was removed based on visual inspection. It was placed into three 2 cubic yard, certified hazardous waste bins.

At the location of the stockpile adjacent to the iron foundry the County of Riverside had called for removal of 12 inches of soil below the area where the stockpile occurred. Subsequent sampling mandated additional excavation. A total of approximately 12 cubic yards of soil was excavated, stockpiled, profiled and transported to landfill. This waste was lead-contaminated, below federal limits (Non-RCRA), but was hazardous according to California Title 22.

All hazardous waste was profiled to, approved, transported and disposed of at Laidlaw's Imperial Valley facility at Westmorland, CA. The total quantity of waste shipped was approximately 52 cubic yards, and has been documented on hazardous waste manifest: #93108696, #93108697, and #93112283.

All work onsite was concluded on October 27, 1994.

COMPANY
OF McWANE, INC.

Joe Scheliga

1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA 91719

VERSIDE, DEPARTMENT OF HEALTH
ZARDOUS MATERIALS
NAGEMENT BRANCH

No.

Page 1 of 2 pages

LEMENTAL REPORT

Reference Date 7-20-93

Name Clow Valve Company

Address 1375 Magnolia City Corona

Topic Preliminary Hazardous Waste Generator Inspection

REMARKS:

Hazardous Materials Specialist, Sande Wages, conducted a preliminary Hazardous Waste Generator Inspection of the above facility on 7-20-93. Several areas of concern were noted at the time of inspection listed as follows:

- Large stockpile of possible foundary waste in piles and covering ground in some areas behind facility
- Drums and stockpiles of baghouse dust
- "Settling Pond" containing oil, water and sludge. Manager stated that Entire containment is concrete. He also stated their intentions to skim off oil, pump out water, and scrape up sludge in bottom. below grade in concrete.
- Open asphalt dip tank also containing solvents
- Abandoned sections of plant which need to be inspected for contamination and/or wastes
- 2 MVF Underground Storage Tanks and 1 possible liquid asphalt UST never under permit on property.
- Spray booths, waste oil rags, absorbant, paint filters & paint related waste all being placed in same drum for disposal
- Old generator application which refers to waste oil as alternative fuel
- In general - soil contamination and accumulation time violations.
- Labeling, cont. plan, training - Manager could not produce at inspection.

Inspector Sandra Wages Received by

DOH-HEH - 002 (REV. 3/87) Distribution: ORIGINAL-Specialist; COPY-Supervisor

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

October 20, 1994

Mr. Barry Robison
McWane, Inc.
P.O. Box 607
Birmingham, Alabama 35201

Re: Clow Valve Company, Inc.

Dear Mr. Robison:

Based upon the information provided by Laidlaw Environmental Services, Inc. in their letter dated October 14, 1994, this office will approve the proposed removal and disposal, under a separate and distinct Hazardous Waste Manifest, of the original stockpile of the lead-contaminated soil from directly below the stockpile of foundry sand in the rear of the facility.

As per Section 66268.7(a)(3) of Title 22 of the California Code of Regulations, McWane, Inc. (Clow Valve Company, Inc.) as the generator of said waste, must submit a notice to the facility receiving the waste that the waste is not prohibited from land disposal. This notice shall include all of the required information.

Please contact me at (909)358-5055 if there are any questions.

Sincerely,

Sandra J. Wages
Hazardous Materials Specialist

cc: Laidlaw Environmental Services, Inc.

John M. Fanning, Director
4065 County Circle Drive • Riverside, CA 92503 • Phone (909) 358-5316 • FAX (909) 358-5017

October 14, 1994

Ms. Sandra J. Wages
County of Riverside
Department of Environmental Health
4065 County Circle Drive
Riverside, California 92503

RE: Clow Valve - Corona, California

Dear Ms. Wages,

In response to your correspondence to Barry Robison of McWane regarding Clow Valve in Corona, California, please be advised of the following information.

We accept your determination that the "lead contaminated soil from directly below the site of foundry sand" warrants management as a discreet waste stream. We also agree that this waste is subject to the treatment standards prescribed in California Code of Regulations, Title 22, Section 55268.106(a)(3). However, pursuant to California Health and Safety Code, Section 25179.7(a)(3), a variance has extended the implementation date of these standards until January 1, 1995.

With this in mind, we propose to load this material on-site into certified hazardous waste end-dump trucks, transport it to Laidlaw's Imperial Valley facility at Westmorland, California, on a California Hazardous Waste Manifest where it will then be landfilled.

If you should have any further questions or concerns, please do not hesitate to contact me at (909) 983-0342.

Sincerely,
Laidlaw Environmental Services, Inc.

J.R. Fredericks
Project Manager

JF/jaj
CC: Wendy Lipscomb - TSR
Barry Robison - McWane

Laidlaw Environmental Services of California, Inc.
1369 West 9th Street Upland, California 91786
Phone 909.983.0342 Fax 909.981.6747

ADVANCED
ENVIRONMENTAL, INC.

CORPORATE OFFICE: 13841 Roswell Ave., Suite A • Chino • CA 91710 • (909) 590-4229 • Fax (909) 590-7810
PHOENIX OFFICE: 2303 North 44th Street, Suite 14 • Phoenix • AZ 85008 • (602) 829-1888 • Fax (909) 590-7810

October 14, 1994

Ms. Sandra Wages
County of Riverside
Hazardous Materials Management Division
P.O. Box 7600
Riverside, CA 92513-7600
(909) 358-7600

Dear Ms. Wages:

This correspondence is to follow up our telephone conversation of October 14, 1994 concerning the recycling of lead impacted soil at Clow Valve in Corona, CA.

The following is a short synopsis of how the material will be handled:

- Remediation activity is to involve foundry sand from the Brass Foundry area and the stock pile of lead impacted soil at the rear of the facility
- All sheet metal will be cut out of the trench and the Brass Foundry sand will be removed via backhoe and swept broom clean
- Material will be collected in 20 cubic yard roll-off bins
- Brass Foundry sand and lead impacted soil are to be transported under a California Uniform Hazardous Waste Manifest to Gibson Environmental with copies of manifest provided to the Hazardous Materials Management Division, County of Riverside
- There it will be recycled into road base
- Personnel will be wearing level C personal protective equipment
- County of Riverside Hazardous Materials Management Division will be notified as to the work start date

If you have any further questions, please feel free to contact me directly at your earliest convenience.

Sincerely,

Joe Wilson, REA
Environmental Engineering
Advanced Environmental, Inc.

JW:kp

Once excavation is complete (and the confirmatory sampling results are received), the excavated soil will be profiled for appropriate disposal, manifested if needed, transported and disposed of at an approved facility. The profiling, transporting and final disposal will be done by a contractor, most likely DCSI or Advanced Environmental. In the interim, all excavated soils will be stockpiled on pavement or plastic and covered with plastic to prevent dispersion by wind or rain and the excavated area will be bermed to preclude run on.

I will talk to you next week. In the meantime, if you need any more information, please call.

Sincerely,

CBH

cc: Leon McCullough
Harlan Ratcliff
Joe Scheliga

McWANE, INC
P. O. BOX 607
BIRMINGHAM
ALABAMA
35201
(205) 322-3521

Ms. Sandra J. Wages
Hazardous Materials Specialist
Department of Environmental Health
County of Riverside
P.O. Box 7600
Riverside, CA 92513-7600

C. B. "BARRY" ROBISON
VICE PRESIDENT
ENVIRONMENTAL AFFAIRS

August 23, 1994

RE: Clow Valve, Corona

Dear Ms. Wages:

As requested, I am writing to update you on our progress in cleaning up the Corona facility and to outline the additional work we anticipate completing in the next few weeks.

As of this date, Disposal Control Service, Inc.(DCSI), has essentially removed all the foundry sands, oil contaminated soils, and the solid waste products from the site. Enclosed are copies of their progress reports through August 22, 1994, as well as copies of all the analytical results that have been made available to us. As soon as we receive their final report I will forward a copy to you. I have also requested copies of the analytical work done by DCSI to profile the wastes prior to recycling and/or disposal. I will forward these to you as soon as they are received.

Regarding the area under the sand pile at the rear of the old iron foundry. I plan to be in Corona next week to complete the evaluation, conduct follow up sampling and arrange for disposal of any and all contaminated soils. Our plan is to excavate the area (about 10 square feet) under sample point B to a point where the residual lead concentration meets the TTLC or STLC limits, whichever is appropriate. To accomplish this we will continue to excavate the area approximately one foot at a time. At each one foot interval (depth) at least two (2) samples will be collected and analyzed for total lead (Pb). If the total lead concentrations are less than 50 mg/kg no further excavation will be done. If the total lead concentrations, are greater than 50 mg/kg but less than about 100 mg/kg, the sample will be analyzed for soluble lead (STLC). If the STLC concentrations are below 5.0 mg/l no further excavation will be done. At this point, you will be contacted and requested to observe the final confirmatory sampling. This procedure will be repeated as necessary until we are satisfied that no contaminated soils remain in the area.

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: DISPOSAL CONTROL SERVICES, INC., 1369 W. 9TH STREET
UPLAND, CA 91786 TEL(909)981-0342 FAX(909)981-6747
FAX (ALTERNATIVE) (909)981-2649

PROJECT: CLOW VALVE, CORONA
DATE SAMPLED: 08/11/94 BY J.R. FREDERICKS (DCS)
P.O.#: JJ-0684-01- (08/11/94)
MATRIX: SOLID
REPORT TO: MR. TIM SHANNON
DATE SAMPLE(S) REC'D: 08/11/94
DATE ANALYZED: 08/11/94
DATE REPORTED: 08/12/94

SAMPLE I.D.: 1A-RESIDUAL SOIL LAB I.D.: 940811-15

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS, UNIT: MG/KG (PPM)

ELEMENT ANALYZED	SAMPLE RESULT	DETECTION LIMIT	TTLC LIMIT	STLC LIMIT	METHOD USED
Antimony (Sb)	ND	10	500	15	6010
Arsenic (As)	ND	5.0	500	5.0	6010
Barium (Ba)	55	5.0	10,000	100	6010
Berrylium (Be)	ND	0.5	75	0.75	6010
Cadmium (Cd)	2.6	0.5	100	1.0	6010
Chromium (Cr)	17	5.0	2,500	560/5.0@	6010
Chromium VI	--	0.1	500	5.0	----
Cobalt (Co)	ND	5.0	8,000	80	6010
Copper (Cu)	123	5.0	2,500	25	6010
Lead (Pb)	35	5.0	1,000	5.0	6010
Mercury (Hg)	ND	0.1	20	0.2	7471
Molybdenum (Mo)	ND	5.0	3,500	350	6010
Nickel (Ni)	43	5.0	2,000	20	6010
Selenium (Se)	ND	1.0	100	1.0	6010
Silver (Ag)	ND	1.0	500	5.0	6010
Thallium (Tl)	20	5.0	700	7.0	6010
Vanadium (V)	20	5.0	2,400	24	6010
Zinc (Zn)	66	5.0	5,000	250	6010

COMMENTS
ND = The concentration is below the detection limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet the TCLP limit/chromium (5.0 Mg/L in TCLP leachate)
** = TCLP-Chromium analysis is required
* = The concentration equals or exceeds 10 times of the STLC Limit, therefore, STLC analysis for the element is required.
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CAL-TITLE 22.

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1355

Enviro - Chem, Inc.
1814 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: DISPOSAL CONTROL SERVICES, INC., 1369 N. 5TH STREET
UPLAND, CA 91786 TEL(909)981-0342 FAX(909)981-6747
FAX (ALTERNATIVE) (909)981-2649

PROJECT: CLOW VALVE, CORONA
DATE SAMPLED: 08/11/94 BY J.R. FREDERICKS (DCS)
P.O.#: JJ-9604-01- (08/11/94)
MATRIX: SOLID
REPORT TO: MR. TIM SHANNON
DATE SAMPLE(S) REC'D: 08/11/94
DATE ANALYZED: 08/11/94
DATE REPORTED: 08/12/94

SAMPLE I.D.: 1B-RESIDUAL SOIL LAB I.D.: 940811-16

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS, UNIT: MG/KG (PPM)

ELEMENT ANALYZED	SAMPLE RESULT	DETECTION LIMIT	TTLC LIMIT	STLC LIMIT	METHOD USED
Antimony (Sb)	ND	10	500	15	6010
Arsenic (As)	13	5.0	500	5.0	6010
Barium (Ba)	59	5.0	10,000	100	6010
Berryllium (Be)	ND	0.5	75	0.75	6010
Cadmium (Cd)	1.9	0.5	100	1.0	6010
Chromium (Cr)	99	5.0	2,500	560/5.0@	6010
Chromium VI	--	0.1	500	5.0	----
Cobalt (Co)	ND	5.0	8,000	80	6010
Copper (Cu)	36	5.0	2,500	25	6010
Lead (Pb) ***	1,860	5.0	1,000	5.0	6010
Mercury (Hg)	ND	0.1	20	0.2	7471
Molybdenum (Mo)	ND	5.0	3,500	350	6010
Nickel (Ni)	10	5.0	2,000	20	6010
Selenium (Se)	ND	1.0	100	1.0	6010
Silver (Ag)	ND	1.0	500	5.0	6010
Thallium (Tl)	22	5.0	700	7.0	6010
Vanadium (V)	16	5.0	2,400	24	6010
Zinc (Zn)	217	5.0	5,000	250	6010

COMMENTS
ND = The concentration is below the detection limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet the TCLP limit/chromium (5.0 Mg/L in TCLP leachate)
** = TCLP-Chromium analysis is required
* = The concentration equals or exceeds 10 times of the STLC Limit, therefore, STLC analysis for the element is required.
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CAL-TITLE 22.

Data Reviewed and Approved by:
CAL-DHS ELAP CERTIFICATE No.: 1555

...ington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

OMER: DISPOSAL CONTROL SERVICES, INC., 1369 W. 9TH STREET
UPLAND, CA 91786 TEL(909)981-0342 FAX(909)981-6747
FAX (ALTERNATIVE) (909)981-7649

JECT: CLOW VALVE, CORONA
E SAMPLED: 08/11/94 BY J.R. FREDERICKS (UCS)
.#: JJ-9694-01- (08/11/94) DATE SAMPLE(S) REC'D: 08/11/94
TRIX: SOLID DATE ANALYZED: 08/11/94
PORT TO: MR. TIM SHANNON DATE REPORTED: 08/12/94

MPLE I.D.: 1C-RESIDUAL SOIL LAB I.D.: 940811-17

OTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS, UNIT: MG/KG (PPM)

ELEMENT ANALYZED	SAMPLE RESULT	DETECTION LIMIT	TTLC LIMIT	STLC LIMIT	METHOD USED
ntimony (Sb)	ND	10	500	15	6010
rsenic (As)	13	5.0	500	5.0	6010
arium (Ba)	37	5.0	10,000	100	6010
Beryllium (Be)	0.50	0.5	75	0.75	6010
Cadmium (Cd)	2.9	0.5	100	1.0	6010
Chromium (Cr)	8.5	5.0	2,500	560/5.0@	6010
Chromium VI	--	0.1	500	5.0	----
Cobalt (Co)	ND	5.0	8,000	80	6010
Copper (Cu)	45	5.0	2,500	25	6010
Lead (Pb)	*107	5.0	1,000	5.0	6010
Mercury (Hg)	ND	0.1	20	0.2	7471
Molybdenum (Mo)	ND	5.0	3,500	350	6010
Nickel (Ni)	12	5.0	2,000	20	6010
Selenium (Se)	ND	1.0	100	1.0	6010
Silver (Ag)	ND	1.0	500	5.0	6010
Thallium (Tl)	15	5.0	700	7.0	6010
Vanadium (V)	14	5.0	2,400	24	6010
Zinc (Zn)	106	5.0	5,000	250	6010

COMMENTS
ND = The concentration is below the detection limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet the TCLP limit/chromium (5.0 Mg/L in TCLP leachate)
** = TCLP-Chromium analysis is required
* = The concentration equals or exceeds 10 times of the STLC Limit, therefore, STLC analysis for the element is required.
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CAL-TITLE 22.

Data reviewed and Approved by:
CAL-D ...ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: McWANE CO., P.O. BOX 607, BIRMINGHAM, ALABAMA, 35201
TEL(205) 328-3521 FAX(205) 324-7250

PROJECT: CLOW VALVE, CORONA
DATE SAMPLED: 08/16/94 BY J.R. FREDERICKS (DCS)(LAIDLAW ENV.)
P.O.#:
MATRIX: SOLID
REPORT TO: MR. BARRY ROBINSON/ MR. J.R. FREDERICKS
DATE SAMPLE(S) REC'D: 08/16/94
DATE ANALYSED: 08/17/94
DATE REPORTED: 08/17/94

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS, UNIT: MG/KG (PPM)

SAMPLE I.D.: 2B-2, IRON FOUNDRY STOCKPILE
LAB I.D.: 940816-11

ELEMENT ANALYSED	SAMPLE RESULT	DETECTION LIMIT	TTLC LIMIT	STLC LIMIT	METHOD USED
Lead (Pb)	*192	5.0	1,000	5.0	6010

SAMPLE I.D.: 2C-2, IRON FOUNDRY STOCKPILE
LAB I.D.: 940816-12

ELEMENT ANALYSED	SAMPLE RESULT	DETECTION LIMIT	TTLC LIMIT	STLC LIMIT	METHOD USED
Lead (Pb)	5.6	5.0	1,000	5.0	6010

COMMENTS
ND = The concentration is below the detection limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
* = The concentration equals or exceeds 10 times of the STLC Limit, therefore, STLC analysis for the element is required.
*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CAL-TITLE 22.

Data Reviewed and Approved by:

CAL-DHS ELAP CERTIFICATE No.: 1555

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

September 27, 2001

Elizabeth Matthews
Cal-EPA, DTSC
5796 Corporate Ave.
Cypress, CA

Subject: August 22, 2001 discovery of diesel/solvent contaminated soil and foundry sand used as fill dirt located at Clow Valve Company, 1375 Magnolia Ave., Coroana.

Dear Ms. Matthews:

Mark Willett contacted our office on August 27, 2001 concerning contamination located at Clow Valve, 1375 Magnolia Ave., Corona. This notification was 5 days after locating the contamination (refer to the attached faxed letter).

On September 21, 2001, Joe Wilson with Advanced Fuel Filtration dropped off the attached work plan. Mr. Wilson stated that they were conducting a phase II site assessment and were excavating soil when they hit free product. Mr. Wilson stated that the area mapped out appeared to be core/foundry sand to a depth of 5 feet. I advised Mr. Wilson that I needed to review the plan prior to acceptance.

I reviewed the plan on September 21, 2001 and identified the following limitations:

1. Exhibit 2 should be drawn to scale.
2. Need a separate exhibit which would include the entire facility.
3. Need to sample free product and analyze.
4. EPA test method 8015 modified should include a full fuel screen.
5. EPA test method 8260 should be used instead of EPA test method 8010.
6. CAM Metals analysis should include the stipulation that if the TTLC concentration results exceed 10X the STLC then perform a Waste Extraction Test and analyze the extract for the target substance.
7. Needed to include the past analytical.
8. Need to attach the phase I background information.
9. What is the groundwater level? Is there perched groundwater?

September 27, 2001

On September 26, 2001, I left a message with Joe Wilson advising him that the cleanup should be coordinated with our office and DTSC. Mr. Wilson contacted me on September 27, 2001 and expressed concern over possible delays of the project. I advised Mr. Wilson that I was required to contact your office and that both of our offices would require review and acceptance of the work plans.

My supervisor Mike Shetler is requesting that a Preliminary Endangerment Assessment be required for the Clow Valve property. Please contact me at 909-358-5055 at your earliest convenience.

Sincerely,

Bruce Bailey

Bruce Bailey
Hazardous Materials Management Specialist III

cc. Yvonne Sanchez

CLOW

Clow Valve Company
902 South 2nd Street
Oskaloosa, IA 52577
Telephone: 641-673-8611
Fax: 641-673-1934

August 27, 2001

Mike Shetler
Riverside County
Hazardous Materials Management Division
P.O. Box 7600
Riverside, CA 92513-7600

RE: Discovery of diesel impacted soil at Clow Valve Company, Division of McWane, Inc, 1375 Magnolia Avenue, Corona, CA

Mr. Shetler:

On Wednesday, August 22, 2001 Clow Valve Company contracted Advanced Environmental Services, Corona, CA to conduct preliminary sampling at our facility. During the investigation soil appearing to be impacted by diesel was discovered at approximately 2 feet below grade. Mark Willett, Environmental Engineer, Clow Valve Company, Oskaloosa, IA was immediately notified and arrived at the site on Thursday, August 23. The subsoil was observed and all sampling activities were halted.

Today, Monday, August 27, Mr. Barry Robison, VP Environmental Affairs, McWane Inc., contacted Ms. Sandra Wages. At that time Ms. Wages asked us to fax this brief report to your attention addressing the discovery of the release. Clow is in the process of contracting Mr. Joe Wilson, Advanced Environmental Services to conduct further sampling in an effort to define the vertical and horizontal extent of the petroleum impacted soil. Ms. Wages stated that all further sampling activities will have to be scheduled through your office to ensure compliance with local regulations.

Please consider this fax (hard copy to be mailed) as our notification to you concerning the discovery of the release.

If there are any other reporting or notification requirements needed concerning this matter please let us know. I look forward to further discussing this matter with you in the near future.

Respectively,

Mark A. Willett
Environmental Engineer
Clow Valve Company

CC: Barry Robison
Alan Truitt
Jim Wakefield
Leon McCullough

Advanced Fuel Filtration Systems, Inc.
Advanced Environmental Supply Warehouse

www.advancedfuel.com • www.aesw.com • www.advservices.net
State of California Contractors License No. 769519

September 21, 2001

Mr. Bruce Baily
County of Riverside Environmental Health Department
4065 County Circle Drive
Riverside, CA 92503
Phone: (909) 358-5148
Fax: (909) 358-5017

Re: **Preliminary Phase II Sampling Work Plan**
Clow Valve Abandoned Rail Spur Area
1375 Magnolia Avenue
Corona, CA 91719

Dear Mr. Baily:

Advanced Environmental Services, Inc. (AESI) on behalf of our client Clow Valve (CLOW VALVE) has prepared the attached work plan to be submitted for approval to the County of Riverside Environmental Health Department (CREHD). During a preliminary trenching investigation of the currently abandoned rail spur area, detectable concentrations of hydrocarbons and metals were identified at shallow depths. This work plan is designed to preliminarily characterize the entire lot and an area adjacent to the lot at which historically a diesel tank had been removed to assess the overall extent of contamination in the subject area.

The Phase II subsurface investigation scope of work contained herein includes the lot and an area adjacent to the reportedly removed diesel tank along the three remaining railroad spurs. Based on a site visit conducted on August 31, 2001; AESI proposes performing grid sampling at 35 locations to depths of 2', 5' and 7' below ground surface (bgs). Five of the borings will be further advanced to depths of 10', 15' and 20' bgs in the area where known diesel contamination was identified (please refer to Figure 2, Site Boring Plan). Furthermore, five (5) background samples will be acquired from other locations on the property to ensure an accurate baseline for any future potential remediation requirements.

In order to manage project costs, only the 2' and 5' samples will be analyzed and the remainder of the samples placed on HOLD at the laboratory. Depending on the results of the 2' and 5' samples, AESI will direct the laboratory to test specific remaining samples. Each sample analyzed will be tested for Total Petroleum Hydrocarbons (TPH) via method 8015 specific for diesel, CAM Metals and VOCs via method 8010. The additional five samples will be analyzed from the existing on-site stockpiles to assist in characterization

The work will be conducted under the supervision of a California Registered Geologist and our field staff to oversee the sampling effort and upon completion of the sampling a detailed report with recommendations will be generated. It is estimated that the sampling will require four (4) days to complete. Should you have any questions or comments please do not hesitate to call me directly at **(909) 520-9270** or our Project Manager, Mr. John Talbot at **(562) 688-1846**.

Respectfully,
Advanced Environmental Services, Inc.

Joe C. Wilson, REA
Vice President

John R. Talbot, REA
Environmental Project Manager

REGISTERED ENVIRONMENTAL ASSESSOR
Joseph C. Wilson
No. REA-05530
Expires: June 30, 02
STATE OF CALIFORNIA

Attachment: Phase II Scope of Work
Figure 1 - Site Vicinity Map
Figure 2 - Site Boring Plan

Cc: Mr. Mark Willett, Clow Valve Corporate
Mr. Bart Turner, Counsel

Work Plan for CLOW VALVE Preliminary Phase II Site Assessment at 1375 Magnolia Avenue, Corona, CA 91719

Background

Advanced Environmental Services, Inc. (AESI) on behalf of our client Clow Valve (CLOW VALVE) has prepared the attached work plan to be submitted for approval to the County of Riverside Environmental Health Department (CREHD). During a preliminary trenching investigation of the currently abandoned rail spur area detectable concentrations of hydrocarbons and metals were identified at shallow depths. This work plan is designed to preliminarily characterize the entire lot and an area adjacent to the lot at which historically a diesel tank had been removed to assess the extent of contamination. The Phase II subsurface investigation scope of work contained herein includes the lot and an area adjacent to the reportedly removed diesel tank along the three remaining railroad spur.

Scope of Work

Possible Foundry Sand

1.0 Soil Sampling

Based on a site visit conducted on August 31, 2001; AESI proposes performing grid sampling at 35 locations to depths of 2', 5' and 7' below ground surface (bgs). Five of the borings will be further advanced to depths of 10', 15' and 20' bgs in the area where known diesel contamination was identified (please refer to Figure 2, Site Boring Plan). Furthermore, five (5) background samples will be acquired from other locations on the property to ensure an accurate baseline for any future potential remediation requirements.

In order to manage project costs, only the 2' and 5' samples will be analyzed and the remainder of the samples placed on HOLD at the laboratory. Depending on the results of the 2' and 5' samples, AESI will direct the laboratory to test specific remaining samples. Each sample analyzed will be tested for Total Petroleum Hydrocarbons (TPH) via method 8015 specific for diesel, CAM Metals and VOCs via method 8010. The additional five samples will be analyzed from the existing on-site stockpiles to assist in characterization for possible on-site reuse or disposal. The work will be conducted under the supervision of a California Registered Geologist and our field staff to oversee the sampling effort and upon completion of the sampling prepare a final report. It is estimated that the sampling will require four (4) days to complete.

The sampling was determined based on the suspicion of hydrocarbon (possibly diesel) and metals having been previously encountered at the site resulting in notification to the agency. The additional sampling for VOCs will assist in characterizing the type of hydrocarbon contamination and to determine if any solvent related issues may accompany the target compounds.

Should groundwater be encountered or a thick clay lens which may or may not be continuous below the site, soil sampling in the location will be stopped so as not to puncture a potential aquiclude. Soil borings will be advanced utilizing a pneumatically advanced geoprobe soil sampling system. This work plan should only be considered preliminary with the understanding that should the contamination be deeper than 20' below ground surface (bgs), additional sampling will possibly need to be performed.

2.0 Sampling Methodology

The exploration program for this study will consist of pneumatic push probe advancement for the collection of soil samples. No fluids, including clean water, or additives will be used during probe advancement. After the sampler has been removed from the probe location, each soil sample will be collected for chemical analyses, placed on ice and transported following all chain of custody and sampling methodologies as prescribed in EPA SW-846.

3.0 Assumptions

AESI will follow all sampling protocols including decontamination of sampling equipment, proper chain of custody documentation and proper health and safety. Soil analysis data will be cross-checked with in-field photo-ionizing detector (PID) measurements. AESI will request the laboratory to HOLD the samples for a period of thirty days should additional testing be required, provided the samples do not fall outside of allowable method specific holding times.

- All soil samples will be transported on ice to a state certified environmental testing laboratory for analyses by the EPA methods described above.
- On site observations will be used to determine soil characteristics relating to soil permeability and stratography.
- We will conduct a second site visit, upon approval of the work plan to examine the potential drilling locations and possible logistical conflicts. Drilling locations will be marked.
- We will coordinate with Underground Service Alert at least 48 hours prior to the commencement of subsurface exploratory work, as required by law. Any on-site locations will also be checked for utility conflicts by a private underground utility locating service.
- We will prepare a site-specific Health and Safety Plan in accordance with Occupational Safety and Health Administration (OSHA) regulations.

- Soils will be sampled in accordance with procedures specific in California Code of Regulations (CCR) Title 22, Division 4.5, Chapter 11, Article 3, Section 66261.20(c). This will include screening of each sample obtained by an Organic Vapor Analyzer (OVA) during sampling.

This investigation does not include identification of surface or subsurface utilities, sewerage or other unidentified systems, building materials or matrices. The information provided to AESI is that the subject area was once used for locomotive refueling. This information is consistent with our knowledge of the similar types of facilities. No drawings of existing underground utilities were provided by the owner. Since we are required to sample at specific locations, Dig-Alert (the standard underground utilities identification service) may not be able to provide all details related to underground conduits within the subject area. Any underground structures not identified by Dig-Alert or the client prior to the performance of the field work will be repaired at the client's sole cost.

4.0 Stockpile Sampling

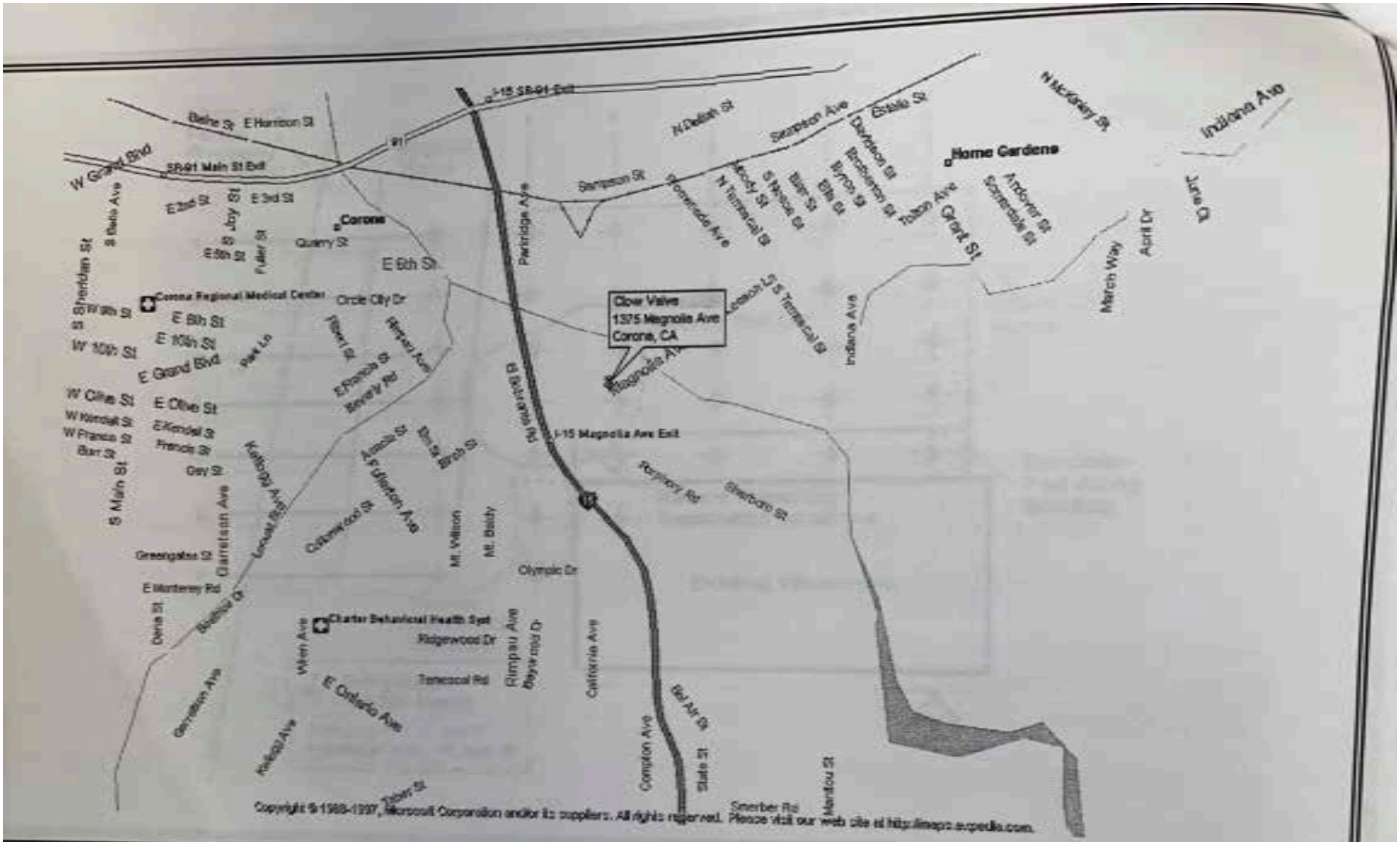
In addition to the soil sampling locations proposed, there are currently a few stockpiles which exist at the site. We propose performing stockpile sampling to characterize these piles for on-site reuse or possible disposal pending the analytical results. Stockpile sampling will be performed by digging 2' into the pile at opposite locations and acquiring a grab sample to be placed in a 4-ounce Teflon capped jar to be transported along with the other samples to the laboratory for analysis.

Pertinent information obtained by AESI during this investigation will be compiled in a report, which will serve as the basis for the recommendation of any further actions at the site.

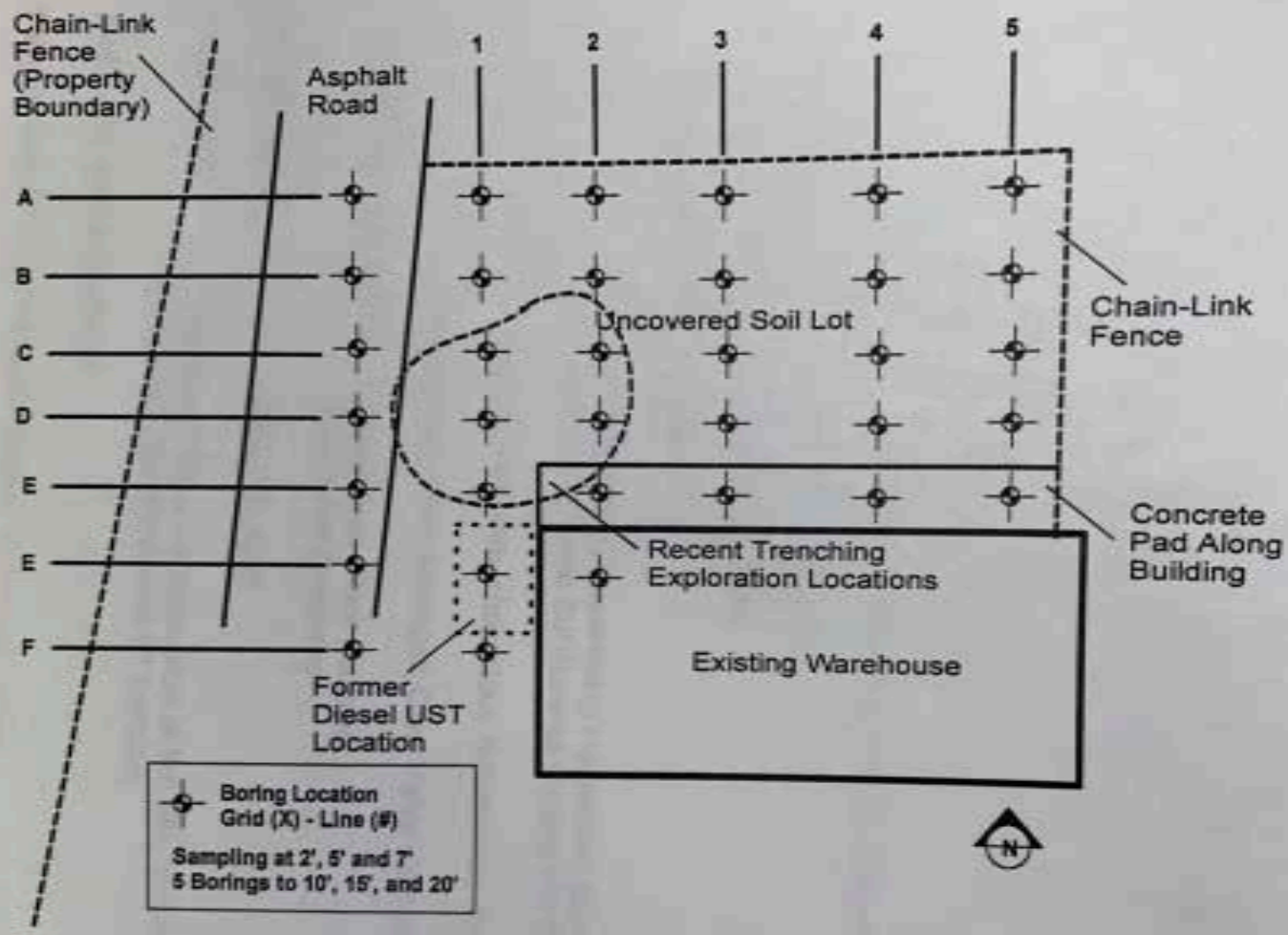
NOTICE

This work plan is designed to provide accurate and authoritative information with regard to the subject matter covered. However, it is provided with the understanding that the contents reflect AESI's (AESI) best judgment in light of the information available at the time of preparation and the fact that judgments or opinions relating to unknown future events are called for. AESI does not make any warranty, express or implied, or assume any liability with respect to use of, or damage resulting from the use of any data, information, and/or projections contained herein. The final report, and the data and information contained herein, are PRIVILEGED & CONFIDENTIAL and are provided for the sole and exclusive use of client. The final report and its contents may not be shared, distributed, or copied for use by other companies, partnerships, or individuals without the express written authorization of AESI.

attachments: Figure 1 - Site Vicinity Map
Figure 2 - Site Boring Plan



ADVANCED ENVIRONMENTAL SERVICES, INC. CORONA CA	Clow Valve 1375 Magnolia Avenue Corona, CA 91719	**EXHIBIT 1** **Site Vicinity Map**
		PROJECT NO. 0160-E3446



VANCED ENVIRONMENTAL RVICES, INC. CORONA CA TO SCALE	Clow Valve 1375 Magnolia Avenue Corona, CA 91719	EXHIBIT 2 Site Boring Plan PROJECT NO. 0160-E3446

Department of Toxic Substances Control

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630

Winston H. Hickox
Agency Secretary
California Environmental
Protection Agency

Gray Davis
Governor

PHASE 1 ENVIRONMENTAL ASSESSMENT INSPECTION REPORT

FACILITY NAME: Clow Valve Company

EPA ID NUMBER: CAD 063 115 133

PHYSICAL ADDRESS: 1375 Magnolia Avenue
Corona, CA 91719

FACILITY CONTACT: Mark A. Willett, Environmental Engineer

TELEPHONE: (641) 673-8611

SITE VISIT DATE: March 15, 2001

REPRESENTATIVES PRESENT:

Yvonne Sanchez, Supervising Hazardous Substances Scientist, Department of Toxic Substances Control (DTSC)

Elizabeth Mathews, Hazardous Substances Scientist, DTSC

Daniel Dart, Plant Manager, Clow Valve Company

CONSENT GIVEN BY: Daniel Dart, Plant Manager
Clow Valve Company

TELEPHONE: (909) 735-5555

PURPOSE: This was a follow-up inspection at the site, to further assess a previously identified Area Of Concern.

FACILITY INFORMATION:

Current Owner: Clow Valve Company, Oskaloosa, Iowa.

Current Operator: Clow Valve Company

CURRENT STATUS OF FACILITY:

Small Quantity Generator of RCRA Hazardous Waste

WASTE STREAMS:

Waste oils, paint solvents, coolants, waste rags, metal chips

TYPE OF BUSINESS:

Fabrication of large cast iron valves and fire hydrants.

SITE WALKTHROUGH:

On March 15, 2001, at approximately 10:00 a.m. accompanied by Ms. Yvonne Sanchez of DTSC, I met with Daniel Dart of Clow Valve Company. Ms. Sanchez explained that the purpose of this inspection was to conduct a follow up inspection done by Mr. Dennis Hosteler on October 12, 2000, and to inspect some previously identified Areas Of Concern. Ms. Sanchez also discussed steps to be to be taken for corrective action. Mr. Dart gave us consent to conduct the inspection.

Mr. Dart, Ms. Sanchez, and I proceeded to conduct a brief walk-thru of the facility beginning with the waste oil area. I observed this was an area was recently overlain with asphalt, and appeared to be fairly clean. The waste oil container had been removed. Adjacent to the waste oil area is the roll off bin area. I observed the area was heavily stained with standing liquid and is used to catch drippings from metal chips. The standing liquid appeared to be contaminated from spillage. At the hazardous waste storage area, I observed no indication of contamination. We proceeded to three different areas that had exposed soil. These areas were identified by Mr. Dart as the scrap iron storage, crates storage area, and the paint storage area. These appeared to have no visible contamination. We proceeded to walk thru the process/operation building, where I observed some cracks in the concrete and they showed no signs of deterioration. These cracks were in the middle of the main plant operations building, and not adjacent to chemical use treatment area.

EXIT INTERVIEW:

At the end of the walk-thru, we reconvened in Mr. Dart's office. We discussed with Mr. Dart our observations, and attempted to conference call with Mark Willet, the Project Manager in Iowa. Due to a timing conflict, Mr. Willett could not be contacted. I informed Mr. Dart that I would be in touch with Mr. Willet after I estimate costs for corrective action cleanup of the waste oil area. At approximately 11:30, on March 15, 2001, we thanked Mr. Dart for the site tour and ended the walk-thru and left the facility.

AREAS OF CONCERN:

The following are the areas of concern that were identified as a result of the inspection:

AOC 1 - Waste oil roll off bin area

RECOMMENDATION AND CONCLUSION:

Upon my return to the office, I drafted a cost estimate for cleanup of the waste oil roll off bin area. I faxed a copy of it to Mark Willet on April 18, 2001 for review. The recommendation for this area is to demolish area, excavate soil, sample the area to evaluate it through risk assessment, and finally to have a concrete overlay.

Elizabeth Mathews
Hazardous Substances Scientist
DTSC
(714) 484-5309



INTERIM MEASURES WORK PLAN

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

Prepared for:

Clow Valve Company
Division of McWane, Inc.
902 South 2nd Street
Oskaloosa, Iowa 52577

Prepared by:

ENVIRONMENTAL SUPPORT TECHNOLOGIES, INC.
360 Goddard
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Project No. EST2071

April 13, 2005

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INTERIM MEASURES WORK PLAN

CLOW VALVE COMPANY
1375 Magnolia Avenue
Corona, California 91719

April 13, 2005

This Interim Measures Work Plan is signed and approved by the undersigned for its compliance to DTSC and Clow Consent Order No. HWCA SRPD00/01 SCC-4208 and California Health and Safety Code Sections 25187 and 25200.14 and the California PEA Guidance Manual.

Prepared for:

Mark A. Willett
Group Environmental Compliance Director
Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719

Prepared by:

Environmental Support Technologies, Inc.
360 Goddard
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REGISTERED GEOLOGIST
MICHAEL E. TYE
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Michael E. Tye

Michael E. Tye, RG
Project Hydrogeologist

Kevin B. Aardahl

Kevin B. Aardahl
Project Manager/Senior Geologist

1.0 PURPOSE OF INTERIM MEASURES WORK PLAN

This Interim Measure (IM) Work Plan (work plan) was prepared to address California Environmental Protection Agency (Cal-EPA) Department of Toxic Substances and Control (DTSC) requirements outlined in correspondence to Clow Valve Company (Clow) dated December 22, 2004. This purpose of this work plan is to guide the removal of metal-impacted foundry sand stockpiles located at the Clow site at 1375 Magnolia Avenue in Corona, California, and the subsequent manifesting and transporting as a hazardous waste by Ecology Control Industries (ECI) to the Chem-Waste Management Class 1 disposal facility located at 35251 Old Skyline Road in Kettleman City, California. The objective of the proposed activities is to remove a possible source of contamination and to prepare the site for subsequent soil sampling. The proposed project meets the definition of a small or medium cleanup action without potential for significant effects based on its size, cost, location, and the controlled manner that the activities will be conducted.

1.1 PROJECT BACKGROUND

The approximate location of the Clow site is shown in **Figure 1**. Clow manufactures fire hydrants and valves using foundry and machining processes. The Clow facility is referenced as DTSC Facility ID Number 331709 and holds Hazardous Materials Management Permit No. CAD 063115133, Facility No. 81952 from the County of Riverside Department of Environmental Health. The Clow site is not on the Hazardous Waste Sites list pursuant to Section 65962.5 of the Government Code. Clow entered into a Corrective Action Consent Agreement (SRPD 00/01 SCC-4208) with DTSC on March 6, 2002. Clow has submitted a Preliminary Endangerment Assessment (PEA) and Facility Investigation (FI) Work Plan for the site as part of the requirements of the Corrective Action Consent Agreement. Development of the PEA/FI work plan is summarized below.

McWane, Inc., parent company and owner of Clow, retained Advanced Environmental Services, Inc. (AESI) during 2002 to prepare a Preliminary Endangerment Assessment and Facility Investigation Work Plan for the property located Corona, California. AESI prepared and submitted *Clow Valve Inc.* (March 28, 2002) on behalf of Clow to comply with DTSC requirements outlined in a consent order agreement. Following review of the work plan, DTSC provided written comments in letters to Clow dated June 7, 2002, July 1, 2002, and September 13, 2002. Due to the number of DTSC comments concerning the work plan and the excessive scope of work, Clow retained Environmental Support Technologies, Inc. (EST) to prepare a revised work plan.

An on-site meeting was held on August 13, 2002 to familiarize DTSC staff with the facility and to discuss the work plan comments. A tour of the plant was conducted to observe facility processes and site features. The meeting culminated with the agreement for EST to provide responses to comments related to documentation of previous site clean-up activities, to revise the previously submitted work plan. A second meeting was held at the site on October 30, 2002. Each of the areas of concern was inspected during the site-walk, and methods to accomplish the proposed soil investigation were discussed. EST then prepared and submitted *Addendum to Preliminary Endangerment Assessment and Facility Investigation Work Plan* (July 22, 2003) (addendum) to the DTSC.

The addendum was intended to supplement the previously submitted *Preliminary Endangerment Assessment and Facility Work Plan – Clow Valve Inc.* (AESI, March 28, 2002). Upon receipt of the addendum, the DTSC responded in a letter to Clow dated August 5, 2003 by requesting a complete "stand-alone" document. On March 11, 2004, EST submitted *Preliminary Endangerment and Facility Investigation Workplan*, to comply with comments contained in the August 5, 2003 DTSC letter. Following DTSC review, several questions and/or comments were raised and a meeting was held at the Clow Corona facility on May 18, 2004. A brief walk-through of the investigation areas was conducted to confirm and/or modify the sampling locations, modify the investigation area names, and develop a plan to include soil gas sampling in lieu of soil sampling for volatile organic compounds. Based on the latest information and comments, EST prepared and submitted *Preliminary Endangerment and Facility Investigation Workplan* (June 21, 2004) that has been approved for implementation.

1.2 REQUIREMENT FOR INTERIM MEASURES WORK PLAN

A map of the approximate 16.94 acre Clow site is provided as **Figure 2**. The Clow buildings occupy approximately 89,860 square feet (sq. ft). The Tyler shipping business occupies approximately 16,900 sq. ft. The ANACO operation occupies approximately 60,950 sq. ft. The total square footage for the buildings at the site is approximately 167,710 sq. ft.

Several areas of concern (AOC) at the Clow site were identified in the *Preliminary Endangerment and Facility Investigation Workplan* (June 21, 2004), one of which is referred to as AOC-1 (or the Rail-Spur Area). Detail of AOC-1 is shown in **Figure 3**, including a centrally-located stockpile of dry, unconsolidated foundry sand waste. The foundry sand stockpile is present in AOC-1 as a result of former brass foundry operations performed nearby, and also because of the subsequent dismantling of the brass foundry.

Removal of the foundry sand stockpile was proposed in the *Preliminary Endangerment and Facility Investigation Workplan* work plan, not only because of characterization results (elevated copper and lead content), but also to level the area and allow access for sampling and evaluation of the potential metals impact to underlying native soil. This IM Work Plan was developed to address removal of the foundry sand stockpile as required by DTSC. The background information provided in this work plan and the proposed investigation activities are intended to:

- Briefly provide site background information;
- Identify and characterize the involved AOC using historical and current information;
- Aid in the assessment of the potential threat to human health and the environment;
- Minimize the potential dispersion of contaminants;
- Provide data to aid in developing long-term remedial actions, if necessary;
- Guide the safe completion of field work.

1.3 PREVIOUS CHARACTERIZATION OF THE FOUNDRY SAND STOCKPILE

EST performed foundry sand stockpile sampling on August 25, 2004 for purposes of chemical characterization and amenability to potential stabilization technologies. Results of the sampling were presented in *Foundry Sand Stockpile Sampling and Analysis Report* (January 21, 2005). Based on measurements performed in the field, the volume of the stockpile was estimated to be approximately 90 to 100 cubic yards. The approximate locations of the eight (8) stockpile samples (identified with a "SP" prefix) are shown in **Figure 3**. Stockpile sampling was performed by digging several feet into the pile at random locations and driving a 2-inch-diameter by 6-inch-long stainless steel soil sample sleeve into the freshly exposed material. Teflon squares and tight-fitting plastic caps were placed over the ends of each labeled sample sleeve. Samples for volatile organic compound analysis were collected in EnCore™ sample containers by coring directly into the freshly exposed soil.

A composite soil sample was collected using soil from each previous stockpile sampling location to evaluate feasibility of soil stabilization treatment options. The stockpile samples were analyzed for Title 22 Metals including total concentration, soluble concentration, and toxicity, Volatile Organic Compounds (VOCs), Semi-VOCs, and Pesticides and PCBs, by a state-certified environmental laboratory. Analyses results for detected concentrations for the stockpile samples are provided in **Table 1**. A copy of the foundry sand stockpile sampling and analysis report is provided in **Appendix A**.

Results of stockpile sampling indicated relatively elevated concentrations of copper, lead, and zinc in many of the foundry sand samples. Copper exceeded regulatory levels for Total Threshold Limit Concentrations (TTLC) and Soluble Threshold Limit Concentrations (STLC), lead for TTLC, STLC, and Toxicity Characteristic Leaching Potential (TCLP), and zinc for TTLC. The foundry sand has been classified as a hazardous waste based on the levels of copper, lead, and zinc. The highest TTLC concentrations for copper, lead, and zinc were 6,400 milligrams per kilogram (mg/Kg), 1,200 mg/Kg, and 2,600 mg/Kg, respectively. The highest STLC concentrations for copper, lead, and zinc were 435 mg/Kg, 72.8 mg/Kg, and 350 mg/kg, respectively. The highest TCLP concentration for lead was 10.3 mg/Kg.

2.0 CONCEPTUAL MODEL OF CONTAMINANT MIGRATION

Exposure pathways that may threaten the environment include the vertical migration of copper, lead, and zinc from the exposed stockpiles by leaching. The site climate is semi-arid with rainfall averaging approximately 10 inches per year. The natural site drainage has been modified by grading, asphalt paving, and a storm drain system that directs runoff from the greater portion to the eastern portion of the property and the flood control channel. Runoff water from precipitation and irrigation discharges to concrete-lined Temescal Wash through manmade and natural drainage structures. However, the majority of AOC-1 is unpaved, and surficial materials at the site are unconsolidated sand, gravel, and silt associated with the intermittent Temescal Wash adjacent to the site (approximately 20 feet east/northeast). Depths to groundwater reported by others range from 23-28 feet bgs and 42-47 feet bgs in perched zones to approximately 124 feet bgs for the regional aquifer. Current depths to groundwater in City of Corona municipal wells range from approximately 190-193 feet bgs. Exposure pathways that may potentially threaten

human health include inhalation, dermal contact, or ingestion of metal-bearing dust. The Corona area is susceptible to very high westward Santa Ana winds on a seasonal basis. The site, situated on a low-lying area in open land, is located in a well-recognized wind tunnel area. Mountains surrounding the region add to the wind-channeling effect. The daily prevailing wind is from the west, but seasonal Santa Ana wind conditions periodically fluctuate from the east and north. Wind dispersion rates range from an average of 8 miles per hour (mph) to 30 mph for approximately 160 to 200 days per year. Inversion layers, indicating low wind conditions, are predominant during the summer months (per South Coast Air Quality Management District – *Corona Wind Pattern Reports, undated).*

2.1 SITE NEIGHBORHOOD

The Clow site is located in relatively open land that is currently undergoing extensive development. Interstate Highway 15 is located less than one mile west of the site. An Atchison, Topeka, and Santa Fe (ATST) railroad line and numerous spurs border the western and northern portion of the property. The area is zoned commercial with future land use for light industrial business. There are no known biological or cultural resources in the vicinity of the site. Site security restricts access to authorized personnel only and prevents potential public exposure to hazardous substances. Current land usage in the vicinity is shown in **Figure 4** and described below.

The surrounding area is primarily industrial. There are no sensitive receptors (i.e. schools, day care centers, nursing homes, senior citizen communities, and hospitals) within a two-mile radius of the site. Significant buffer zones are present surrounding the property. The nearest residential area is a trailer park to the north, more than 880 feet from the stockpile and should be unaffected by proposed activities because of its distance. Temescal Wash is directly adjacent to the eastern and northeastern boundaries of the site and is approximately 20 feet from the property line in these directions. Temescal Wash is concrete-lined and contains no habitat. The foundry sand stockpile is located approximately 525 feet from the edge of the wash, and there is no potential for a release to the wash. However, as a precaution, sandbags with filter-paper will be placed around on-site storm drains that may be in the vicinity of stockpile removal activities. This precaution will prevent releases that could potentially affect water quality in the wash.

Approximately 50 yards to the north of the proposed work area lies the ANACO Pipe Manufacturing facility, its extensive asphalt-paved parking area separated from the work area by a chain-link fence. A large open ARB building material supply yard is present on the other side of Temescal Wash, approximately 700 feet from the proposed work area. A mobile home park is located across Temescal Wash, approximately over a quarter mile north of the work area. Approximately 300 feet west of the site, across a set of train tracks and former Compton Avenue (now El Camino Avenue), lies the newly completed Corona Pointe Shopping Center. Buildings within the shopping center were constructed near the central portion of a large parking lot. A block wall was recently constructed along the east side of El Camino Avenue, preventing view and access into the ATSF track and the ANACO/Clow property to the east.

Magnolia Avenue lies approximately 700 feet south of the proposed work area. Directly across Magnolia Avenue from the site an extensive area is currently being graded for development. A newly-constructed industrial business park is located across Magnolia Avenue and

approximately a quarter mile southwest of the site. Southeast of the site, across Magnolia Avenue and Temescal Wash, is Corona Auto Parts, a salvage yard that occupies several acres. There is very little vegetation, and marshlands/wetlands, wildlife habitats, and reservoirs and other sensitive potential receptors are not present in the site vicinity. Surface water in the vicinity consists only of northwesterly-flowing Temescal Wash, a tributary to the Santa Ana River. The Santa Ana River is located approximately 15 miles northwest of the site.

3.0 EVALUATION OF INTERIM MEASURE ALTERNATIVES

Interim measures to mitigate the impact of potential contaminant dispersion arising from the stockpiled foundry sand that were evaluated included:

Moistening and Covering Stockpile – A temporary measure that would be ineffective under Santa Ana wind conditions. Periodic addition of water would increase the potential for downward contaminant migration due to leaching.

Capping Stockpile – Capping the stockpile would effectively prevent wind dispersion and wetting, but is not feasible due to the height and location of the stockpile. Capping the stockpile would not allow future access for pending characterization of AOC-1.

In-place Stabilization – Has the same advantages and disadvantages as stockpile capping, except with higher costs involved.

Excavation, Containerizing, and Disposal as a Hazardous Waste – Excavation and loading into trucks for off-site disposal as a hazardous waste would directly address contaminants by physical removal from the site. However, this measure is likely to generate dust on a short-term basis during excavation and loading activities. Proposed dust suppression and worker protection measures are discussed in Sections 13.2, 13.2, 13.2, and 13.4 of this IM Work Plan.

4.0 DESCRIPTION OF INTERIM MEASURES

Excavation of the foundry sand stockpiles for off-site transport and disposal as a hazardous waste have been selected as the most feasible interim remedial measure. Excavation would physically remove the contaminant source in an expeditious and cost effective manner and prevent wind-dispersion and leaching. Excavation will be performed using heavy equipment with a trained operator. Excavated material will be placed directly into dump trucks, covered, manifested and transported off-site for disposal as a hazardous waste. Excavation will proceed until the former stockpile location is relatively level and underlying native soil is encountered. Dust mitigation practices, including lightly spraying the stockpile with water, and upwind positioning will be implemented. Work area air monitoring, general on-site air monitoring, site perimeter air monitoring, and continuous personal and work area air sampling for dust will be performed during field activities. Worker protective measures, including dust monitoring and use of personal protective equipment (PPE) will be implemented. Airborne dust levels will be measured using a MiniRAM PDM-3 real-time dust meter or equivalent. More information concerning dust mitigation and use of PPE is provided elsewhere in this IM Work Plan.

5.0 DATA SUFFICIENCY

Existing data from a series of previous assessment and remediation activities performed at the Clow site were provided in *Preliminary Endangerment and Facility Investigation Workplan* (EST, June 21, 2004). Previous investigations and cleanups in AOC-1 included the removal of bag-house dust and stockpiles of foundry sand, and shallow remedial excavation at a former iron foundry sand stockpile location. EST has reviewed the available data for this specific AOC in addition to the recent stockpile characterization results for adequacy to safely and effectively proceed with the proposed interim remedial excavation measures.

6.0 PROJECT MANAGEMENT

Personnel involved with field activities will include a Project Manager, a Project Geologist/Site Safety Officer, Heavy Equipment Operator, and dump truck operators. All personnel entering the exclusion zones shall be trained in compliance with 29 CFR 1910.120(e). Training records will be available to DTSC staff on-site. Personnel who will be performing administrative, managerial, and field activities are identified below.

6.1 PROJECT MANAGER

Mr. Kevin Aardahl will serve as project manager for the proposed interim remedial measures proposed for the Clow site. He will be responsible for overall administration of the project. His duties include project planning, budgeting, communications, and coordination. Mr. Aardahl will report to the McWane Group Environmental Compliance Director, Mr. Mark Willett.

6.2 PROJECT GEOLOGIST/SITE SAFETY OFFICER

Mr. Martin Kilhullen will serve as the project geologist/field supervisor for this project. He will be responsible for all on-site activities on a daily basis. His operational responsibilities will include the field management of the stockpile sand loading operations, health and safety monitoring, and manifesting the loads of soil. The Project Geologist will report to the Project Manager, Mr. Willett, and on-site agency staff.

The project geologist will also serve as the site safety officer (SSO) and enforce the site Health and Safety Plan (HASP). The SSO will be onsite during all field activities. The SSO has the knowledge and authority necessary to enforce the HASP and shut-down all activities in case of an emergency. The SSO evaluates real-time monitoring data to make field decisions regarding safety and health. The SSO may authorize work area or site evacuation. The SSO will ensure that health and safety provisions are implemented and that the subcontractor complies with its provisions. The SSO will delineate work zones. The SSO will verify monitoring equipment calibration and perform ambient air monitoring. In the event of a sudden release of a substance the SSO will initiate the cessation of site activities contributing to the release. The SSO will be responsible for notifying appropriate emergency response agencies as well as DTSC.

6.3 SUBCONTRACTOR - HEAVY EQUIPMENT AND DUMP TRUCK OPERATORS

Loading and transportation of the foundry sand will be performed by ECI from Torrance, California. Stockpiles will be moved and loaded using machinery operated by a Heavy Equipment Operator. The operator selected for site activities will have received specialized training and have extensive experience in hazardous waste operations. The equipment operator and dump truck driver will report to the project geologist/field supervisor.

7.0 PROJECT SCHEDULE

The interim soil remediation measure will be implemented soon after DTSC approval of this IM Work Plan. The volume of the foundry sand stockpile to be excavated and removed is approximately 100 cubic yards. Removal, loading, and off-site transport of the entire foundry sand stockpile is anticipated to be accomplished in less than two days. A report documenting the excavation and disposal of the foundry sand stockpile will be submitted to DTSC within 30 days of interim measure completion.

8.0 DESIGN BASIS

Because contaminants will simply be removed by excavation and off-site transport, the engineering design criteria for a soil clean-up system are not applicable.

9.0 CONCEPTUAL PROCESS/SCHEMATIC DIAGRAMS

Because contaminants will be removed by excavation and off-site transport, conceptual process and schematic diagrams for a remediation machinery system are not applicable.

10.0 SITE PLAN SHOWING PRELIMINARY PLANT LAYOUT

The requirement for a site plan showing preliminary plant layout of a remediation system is not applicable because contaminants will be removed by excavation and off-site transport.

11.0 TABLES OF MAJOR COMPONENTS WITH DIMENSIONS

The requirement for tables listing component specifications and dimensions of major remediation system machinery is not applicable for proposed stockpile removal by excavation.

12.0 PRELIMINARY MASS BALANCE TABLES

The entire stockpile will be removed. Preliminary mass balance tables showing the weight(s) of contaminant(s) extracted per day and the cumulative mass of extracted contaminants are therefore not applicable for proposed interim measures.

13.0 SITE SAFETY AND SECURITY PROVISIONS

EST prepared *Health and Safety Plan (HASP) for Preliminary Endangerment Assessment – Clow Valve Company* (dated June 21, 2004) to ensure protection of the field investigation team, site employees, and the general public during the proposed PEA site assessment. The HASP is undergone DTSC review. The HASP provides detailed information proposed for the pending site-wide PEA. Pertinent safety and security provisions to be implemented during the proposed stockpile removal are briefly summarized below, and include restricting access to the work area, dust suppression measures, dust monitoring measures, use of personal protective equipment (PPE), and decontamination procedures.

13.1 RESTRICTED ACCESS TO WORK AREA

The site is located within an expanse of open land and significant buffer zones are present surrounding the property. The level of security restricts access to authorized personnel only and prevents potential exposure to hazardous substances stored or accidentally released. The nearest schools, day care centers, nursing homes, senior citizens community, and hospital are beyond a two mile radius from the site. EST will be responsible for conducting site operations so as to reduce the possibility of contact and prevent the spread of potential contaminants. Access to the work area will be controlled to reduce the potential for physical injury to field personnel and site employees. Brightly colored flagging tape, traffic-cones, and delineators will indicate and prevent access to the AOC when work is in progress. Work zones will be established to help:

- *Ensure field and nearby personnel are protected against the hazards present;*
- *Ensure work activities and potential contamination are confined to appropriate areas;*
- *Aid in the location and evacuation of personnel in case of emergency.*

Each work area will be encompassed by an *exclusion zone*, a *contamination reduction zone*, and a *support zone*. All personnel entering the exclusion zone shall be trained in accordance with 29 CFR 1910.120(e). Exclusion zones shall encompass the immediate vicinity of each soil boring, including the drilling machinery and support vehicles. The exclusion zones will be clearly delineated using brightly colored flagging tape and traffic control cones. Access to the exclusion zones will be strictly controlled by the SSO and a visitor log will be maintained. Access control points will be established at the perimeter of each exclusion zone. A decontamination station will be established within the Contamination Reduction Zone (CRZ). The CRZ will have clean water and soap for field worker decontamination, as well as provisions for decontamination of personnel protective equipment (PPE) or other equipment that has entered the exclusion zone. The support zone will be a clean area where the possibility of encountering hazards is minimal. The support zone will be used for staging of equipment and materials and for administrative purposes. Telephones, emergency phone numbers, a copy of the HASP, hospital route maps, and vehicle keys will be available in the support zone. Break/lunch areas, conference areas, and sanitary facilities will be located in the support zone. Eating and drinking will be permitted only in the support zone.

13.2 DUST SUPPRESSION MEASURES

The site is located in an area of occasional strong gusty winds. Fugitive soil dust is anticipated during stockpile removal. The proposed countermeasures include:

- *Water will be lightly sprayed as needed to control dispersion of potential metal-bearing dust;*
- *Limiting the fall of dumped material into containers or dump trucks;*
- *The pathways used by field personnel will be swept clean as necessary;*
- *Excavation equipment will be decontaminated prior to exiting each exclusion zone;*
- *Trucks will be covered prior to transporting waste to eliminate dusting during transportation.*

13.3 DUST MONITORING

Stockpile removal using heavy equipment may create dust potentially contaminated with metals (i.e. lead and copper). Water mist and safe work practices will be used to minimize dust generation. Field personnel in the exclusion zone will be positioned upwind of dust generating activities. Additionally, EST will establish and implement an air monitoring program to identify potentially elevated concentrations of dust at the site.

Work area air monitoring, general on-site air monitoring, site perimeter air monitoring, and continuous personal and work area air sampling for dust will be performed during field activities. Airborne dust levels will be measured using a MiniRAM PDM-3 real-time dust meter or equivalent. The MiniRAM meter will be calibrated and operated per the manufacturers instructions. Monitoring times, locations, and meter readings will be recorded in the field logbook for air monitoring documentation. If requested, the Site Safety Officer (SSO) will verbally inform on-site DTSC staff of air monitoring results.

Work area dust monitoring will be conducted at approximate 30-minute intervals using the MiniRAM meter. **General on-site** dust monitoring will be performed at approximate 30 minute intervals using the MiniRAM meter at locations up-wind and down-wind from the work area. The meter will also be used to monitor potential dust dispersion by moving in a cross-wind direction. Down-wind dust monitoring results will be compared to up-wind (background) monitoring results and evaluated. **Perimeter** dust monitoring will be conducted at approximate 30-minute intervals using the MiniRAM meter to assess potential dust migration away from the site.

The Occupational Safety and Health Administration (OSHA) lead dust action level is 0.03 milligrams per cubic meter (mg/m^3) for a sustained reading greater than five minutes duration. (A dust cloud is visible at a concentration of 5 mg/m^3) The proposed work area dust action level was conservatively based on the presence of lead in the stockpiled foundry sand, and on respective OSHA Personal Exposure Limits (PELs) or Threshold Limit Values (TLVs) for dust and lead in air. If MiniRAM readings in the work area exceed the OSHA PEL of 0.05 mg/m^3, excavation activities will be suspended until further dust control measures can be implemented.

Continuous **Personal** and **Work Area** dust sampling will be performed during field activities. Personal and area sampling pumps fitted with air sample cassettes will be strategically positioned and operating continuously during stockpile removal activities. Selected air monitoring sample cassettes will be analyzed for metals of concern (i.e. copper and lead) at the conclusion of the project. The cassette samples will be visually inspected and selected for dust analysis based on worst-case conditions (most dust trapped) for each monitored area (i.e. work area, general on-site, downwind perimeter, and the excavation equipment operator). EST will maintain a sampling record as part of the air monitoring program.

13.4 PERSONNEL PROTECTIVE EQUIPMENT

Field activities will generally be performed using Level C personnel protective equipment (PPE). Level C PPE is recommended due to the possibility of inhalation and/or ingestion of dust contaminated with metals. Personal and area monitoring will be performed during excavation and decontamination activities. All workers in the vicinity of the excavation and stockpile areas will be required to wear hard hats, steel toe boots, Tyvek™ coveralls, HEPA cartridge respirator, gloves, eye protection, and hearing protection. Used health and safety clothing will be stored in a waste container on-site for later disposal. Workers will be required to wash exposed sections of the body prior to eating, drinking, smoking, or leaving the site.

13.5 DECONTAMINATION PROCEDURES

Personnel and equipment will be decontaminated prior to entering the clean zone. Decontamination will be performed in the CRZ. Decontamination procedures will be monitored by the SSO to evaluate their effectiveness. Personnel leaving the exclusion zone shall proceed to the contamination reduction zone (CRZ). All personnel in the CRZ shall be wearing the same level of PPE as those in the exclusion zone. Basins, scrub brushes, wipe cloths, and paper towels will be set up to aid the decontamination process. Much of the field work will be performed in Level C gear. Disposable gloves, Tyvek suits, and hearing protection will be discarded in a steel 55-gallon drum located in the CRZ. Work shoes and boots will be brushed off in the CRZ. Respirators will be cleaned with sanitizing wipes if minimal contamination. If additional cleaning is necessary, the respirators will be scrubbed in detergent solution, rinsed, and wiped dry. Coveralls, gloves, respirator cartridges, and other disposable PPE will be removed and drummed if they cannot be adequately cleaned.

End-dump trucks used to carry soil will be parked on the asphalt road west of the foundry sand piles and a single front-end loader will load each truck. Only the loader will be in contact with the soil. Soil placed in the trucks will be covered with tarps and the area around the trucks will be swept clean prior to departure. Trucks will be inspected for loose material. When all the loading is complete, the loader will be driven into a decontamination station with a 30-mil thick polyethylene liner. The loader will be cleaned with a pressure washer and the water will be collected and pumped into a drum. The liner will be placed in a drum for disposal.

14.0 WASTE MANAGEMENT

Wastes will include the excavated foundry sand, rinsate generated by equipment decontamination, and used PPE. Approximately 300 tons of excavated foundry sand will be placed directly into dump trucks, covered, and transported off-site. Manifests will be used to document the transport and disposal of the hazardous foundry sand. Copies of the manifests will be provided to DTSC. It is estimated that a total of less than 10 trucks will be used to transport the soil to the Chem-Waste Management Class 1 waste disposal facility at 35251 Old Skyline Road (California Highway 41) in Kettleman City, California (EPA ID No. CAT000646117). The facility is located in a rural area on an approximate 1,600 acre parcel, of which 499 acres are permitted for accepting hazardous waste.

The route to the Chem-Waste facility is shown in **Figure 5**. Shipments will be timed to avoid peak commute hours. Trucks exiting the Clow site will proceed approximately ½ mile west on Magnolia Avenue before entering the northbound 15 Freeway. There are no potentially sensitive receptors (i.e. churches, hospitals, schools, etc.) on this portion of the route. Trucks will then proceed north on the 15 Freeway until encountering the westbound 210 Freeway. The trucks will then proceed west on the 210 Freeway until the northbound 5 Freeway is encountered. Trucks will proceed north on the 5 Freeway towards Kettleman City, where they will exit at California Highway 41. From this intersection, the trucks will proceed southwest on California Highway 41 approximately 4 miles to the Chem-Waste facility. According to Ms. Terry Yarborough (Chem-Waste Executive Secretary), there are no potentially sensitive receptors along the route and within a 5-mile radius of the Chem-Waste facility.

Decontamination rinsate will be stored on-site in a labeled and secured 55-gallon steel drum. Used PPE will be stored on-site in a labeled and secured 55-gallon steel drum. An area or areas will be designated for drum storage. DTSC will receive profiling and disposal information before final disposition of the waste.

15.0 REQUIRED PERMITS AND PUBLIC NOTIFICATION

The removal of stockpiled foundry sand is not considered site grading, and a permit is not required for the proposed activities. Per DTSC requirements and public notice requirements under the California Environmental Quality Act, the following will be performed:

- Submittal and posting of "*Notice of Preparation of an Environmental Document Pursuant to the California Environmental Quality Act*" at the Office of the County Recorder (Riverside County);
- Notice of the proposed work published in an English newspaper of general circulation;
- Posting both on- and off-site in the area where the project is located, and;
- Direct mailing to owners and occupants of properties within ¼-mile of the border of the project.

An address search was performed for business and residential listings within a quarter-mile of the Clow property boundary. The searches were performed by a commercially-available service using the City of Corona business license list and other sources. The list of addresses is provided in Appendix B. In addition, for reference purposes, a list of federal, state, and local governmental contacts are provided in Appendix C.

16.0 SAMPLING AND MONITORING

Because the foundry sand stockpiles have been adequately characterized, soil sampling is not proposed during implementation of the interim remedial measures. Air monitoring for dust as described above will be performed only during stockpile removal activities.

REFERENCES

REFERENCES (Listed Chronologically)

State of California Environmental Protection Agency, Department of Toxic Substances Control, June 1999. *Preliminary Endangerment Assessment Guidance Manual.* SW 846, Revision 3, December 1996.

Advanced Environmental Services, Inc., March 28, 2002. *Preliminary Endangerment Assessment and Facility Workplan – Clow Valve, Inc.* – 1375 Magnolia Avenue, Corona, California.

Department of Toxic Substances Control, July 1, 2002. Letter to Clow Valve Company.

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Environmental Support Technologies, Inc., July 22, 2003. *Addendum to Preliminary Endangerment Assessment and Facility Investigation Work Plan.*

Department of Toxic Substances Control, August 5, 2003. Letter to Clow Valve Company.

Environmental Support Technologies, Inc., June 21, 2004. *Preliminary Endangerment and Facility Investigation Workplan – Clow Valve Company.*

Environmental Support Technologies, Inc., June 22, 2004. *Health and Safety Plan for Preliminary Endangerment Assessment – Clow Valve Company.*

Environmental Support Technologies, Inc., January 21, 2005. *Foundry Sand Stockpile Sampling and Analysis Report – Clow Valve Company.*

South Coast Air Quality Management District, *Corona Wind Pattern Reports (from AESI Work Plan, March 2002).*

Department of Toxic Substances Control, undated. *Attachment 2 – Scope of Work for Interim Measures Implementation.*

TABLES

TABLE 1

SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR SAMPLES COLLECTED FROM THE SOIL PILE NORTH OF THE FORMER BRASS FOUNDRY

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

SAMPLE ID AND ANALYSIS TYPE	DATE OF SAMPLING	TITLE 22 METALS																	
		ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM (Total)	CHROMIUM VI	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC
		TTLC = 500	TTLC = 500	TTLC = 10,000	TTLC = 75	TTLC = 100	TTLC = 2,500	TTLC = 500	TTLC = 8,000	TTLC = 2,500	TTLC = 1,000	TTLC = 20	TTLC = 3,500	TTLC = 2,000	TTLC = 100	TTLC = 500	TTLC = 700	TTLC = 2,400	TTLC = 5,000
		STLC = 15	STLC = 5.0	STLC = 100	STLC = 0.75	STLC = 1.0	STLC = 560	STLC = 5.0	STLC = 80	STLC = 25	STLC = 5.0	STLC = 0.2	STLC = 350	STLC = 20	STLC = 1.0	STLC = 5.0	STLC = 7.0	STLC = 24	STLC = 250
		10xSTLC = 150	10xSTLC = 50	10xSTLC = 1,000	10xSTLC = 7.6	10xSTLC = 10	10xSTLC = 5,600	10xSTLC = 50	10xSTLC = 800	10xSTLC = 250	10xSTLC = 50	10xSTLC = 2.0	10xSTLC = 3,500	10xSTLC = 200	10xSTLC = 10	10xSTLC = 50	10xSTLC = 70	10xSTLC = 240	10xSTLC = 2,500
		TCLP = NA	TCLP = 5.0	TCLP = 100.0	TCLP = NA	TCLP = 1.0	TCLP = 5.0	TCLP = NA	TCLP = NA	TCLP = NA	TCLP = 5.0	TCLP = 0.2	TCLP = NA	TCLP = NA	TCLP = 1.0	TCLP = 5.0	TCLP = NA	TCLP = NA	TCLP = NA
		20xTCLP = NA	20xTCLP = 100	20xTCLP = 2,000	20xTCLP = NA	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA	20xTCLP = NA	20xTCLP = 100	20xTCLP = 4.0	20xTCLP = NA	20xTCLP = NA	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA	20xTCLP = NA
low SP1																			
TTLC	8/25/2004	ND<1.6	9.3	69	ND<0.68	0.96	42	3.7	9.0	**560 (b)**	**230 (b,c)**	ND<0.18	4.9	29	ND<1.9	ND<0.80	ND<1.5	38	500
STLC	8/25/2004	ND<0.40	ND<0.76	3.08	ND<0.14	ND<0.15	0.29	ND<0.0020	ND<0.16	42.9	7.96	ND<0.02	ND<0.35	0.61	ND<0.32	ND<0.16	ND<0.59	0.17	21.4
TCLP	8/25/2004	NA	ND<0.19	0.43	NA	ND<0.09	ND<0.12	NA	NA	NA	0.37	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA
low SP2																			
TTLC	8/25/2004	ND<1.6	4.7	46	ND<0.68	3.0	30	9.9	3.2	**5,400 (a,b)**	**1200 (a,b,c)**	ND<0.18	2.9	70	ND<1.9	1.1	ND<1.5	9.1	**2,600 (b)**
STLC	8/25/2004	ND<0.40	ND<0.76	2.46	ND<0.14	0.32	1.34	0.0064	0.18	162	67.6	ND<0.02	ND<0.35	2.78	ND<0.32	ND<0.16	ND<0.59	0.26	234
TCLP	8/25/2004	NA	ND<0.19	0.57	NA	0.09	ND<0.12	NA	NA	NA	10.3	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA

mg/kg = milligrams per kilogram
TTLC = Total Threshold Limit Concentration (reported in mg/kg)
STLC = Soluble Threshold Limit Concentration (reported in mg/L). 10xSTLC reported in mg/kg
TCLP = Toxicity Characteristic Leaching Procedure (reported in mg/L). 20xTCLP reported in mg/kg
ND = Not Detected. Sample is below the reported method detection limit.
NA = Not Applicable.
(a) = Exceeds TTLC limit.
(b) = Exceeds 10xSTLC limit.
(c) = Exceeds 20xTCLP limit.

Notes:

1. If the total concentration of a substance equals or exceeds the TTLC value, it is considered a hazardous toxic waste (California standards).
2. If the total concentration of a substance is ten times (by rule of thumb) the STLC value, the Waste Extraction Test (WET) should be performed. If any substance in a waste analyzed equals or exceeds the STLC value, it is considered a hazardous toxic waste (California standards).
3. If the total concentration of a substance is twenty times (by rule of thumb) the TCLP value, the TCLP test should be performed. If any substance in a waste analyzed equals or exceeds the TCLP value, it is considered a hazardous toxic waste (Federal standards).
4. Bold values indicate exceedence of the regulatory limit.

TABLE 1

SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR SAMPLES COLLECTED FROM THE SOIL PILE NORTH OF THE FORMER BRASS FOUNDRY

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

SAMPLE ID AND ANALYSIS TYPE	DATE OF SAMPLING	TITLE 22 METALS																	
		ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM (Total)	CHROMIUM VI	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC
		TTLC = 500	TTLC = 500	TTLC = 10,000	TTLC = 75	TTLC = 100	TTLC = 2,500	TTLC = 500	TTLC = 8,000	TTLC = 2,500	TTLC = 1,000	TTLC = 20	TTLC = 3,500	TTLC = 2,000	TTLC = 100	TTLC = 500	TTLC = 700	TTLC = 2,400	TTLC = 5,000
		STLC = 15	STLC = 5.0	STLC = 100	STLC = 0.75	STLC = 1.0	STLC = 560	STLC = 5.0	STLC = 80	STLC = 25	STLC = 5.0	STLC = 0.2	STLC = 350	STLC = 20	STLC = 1.0	STLC = 5.0	STLC = 7.0	STLC = 24	STLC = 250
		10xSTLC = 150	10xSTLC = 50	10xSTLC = 1,000	10xSTLC = 7.5	10xSTLC = 10	10xSTLC = 5,600	10xSTLC = 50	10xSTLC = 800	10xSTLC = 250	10xSTLC = 50	10xSTLC = 2.0	10xSTLC = 3,500	10xSTLC = 200	10xSTLC = 10	10xSTLC = 50	10xSTLC = 70	10xSTLC = 240	10xSTLC = 2,500
		TCLP = NA	TCLP = 5.0	TCLP = 100.0	TCLP = NA	TCLP = 1.0	TCLP = 5.0	TCLP = NA	TCLP = NA	TCLP = NA	TCLP = 5.0	TCLP = 0.2	TCLP = NA	TCLP = NA	TCLP = 1.0	TCLP = 5.0	TCLP = NA	TCLP = NA	TCLP = NA
		20xTCLP = NA	20xTCLP = 100	20xTCLP = 2,000	20xTCLP = NA	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA	20xTCLP = NA	20xTCLP = 100	20xTCLP = 4.0	20xTCLP = NA	20xTCLP = NA	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA	20xTCLP = NA
...w SP3																			
TTLC	8/25/2004	ND<1.6	10	57	ND<0.69	2.3	33	1.1	6.9	5,100 (a,b)	660 (b,c)	ND<0.16	5.6	70	1.9	ND<0.80	ND<1.5	20	2,400
STLC	8/25/2004	ND<0.40	ND<0.76	2.67	ND<0.14	0.24	1.09	ND<0.0020	0.20	333	65.2	ND<0.02	ND<0.25	3.73	ND<0.32	ND<0.16	ND<0.59	0.39	215
TCLP	8/25/2004	NA	ND<0.15	0.55	NA	ND<0.09	ND<0.12	NA	NA	NA	6.26	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA
...e SP4																			
TTLC	8/25/2004	ND<1.6	12	59	ND<0.66	2.3	24	ND<0.50	4.5	5,400 (a,b)	700 (b,c)	ND<0.16	4.2	67	ND<1.9	ND<0.80	ND<1.5	19	2,500 (b)
STLC	8/25/2004	ND<0.40	ND<0.76	1.89	ND<0.14	0.16	0.97	ND<0.0020	ND<0.18	329	49.8	ND<0.02	ND<0.25	3.84	ND<0.32	ND<0.16	ND<0.59	0.24	193
TCLP	8/25/2004	NA	ND<0.15	0.54	NA	ND<0.09	ND<0.12	NA	NA	NA	6.83	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA

mg = milligrams per kilogram
TC = Total Threshold Limit Concentration (reported in mg/kg).
TC = Soluble Threshold Limit Concentration (reported in mg/L). 10xSTLC reported in mg/kg.
P = Toxicity Characteristic Leaching Procedure (reported in mg/L). 20xTCLP reported in mg/kg.
= Not Detected; Sample is below the reported method detection limit.
= Not Applicable.
Exceeds TTLC limit.
Exceeds 10xSTLC limit.
Exceeds 20xTCLP limit.

1. If the total concentration of a substance equals or exceeds the TTLC value, it is considered a hazardous toxic waste (California standards).

2. If the total concentration of a substance is ten times (by rule of thumb) the STLC value, the Waste Extraction Test (WET) should be performed. If any substance in a waste analyzed equals or exceeds the STLC value, it is considered a hazardous toxic waste (California standards).

3. If the total concentration of a substance is twenty times (by rule of thumb) the TCLP value, the TCLP test should be performed. If any substance in a waste analyzed equals or exceeds the TCLP value, it is considered a hazardous toxic waste (Federal standards).

4. Bold values indicate exceedence of the regulatory limit.

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CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

SAMPLE ID AND ANALYSIS TYPE	DATE OF SAMPLING	TITLE 22 METALS																	
		ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM (Total)	CHROMIUM VI	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC
		TTLC = 500	TTLC = 500	TTLC = 10,000	TTLC = 75	TTLC = 100	TTLC = 2,500	TTLC = 500	TTLC = 8,000	TTLC = 2,500	TTLC = 1,000	TTLC = 20	TTLC = 3,500	TTLC = 2,000	TTLC = 100	TTLC = 500	TTLC = 700	TTLC = 2,400	TTLC = 5,000
		STLC = 15	STLC = 5.0	STLC = 100	STLC = 0.75	STLC = 1.0	STLC = 560	STLC = 5.0	STLC = 80	STLC = 25	STLC = 5.0	STLC = 0.2	STLC = 350	STLC = 20	STLC = 1.0	STLC = 5.0	STLC = 7.0	STLC = 24	STLC = 250
		10xSTLC = 150	10xSTLC = 50	10xSTLC = 1,000	10xSTLC = 7.5	10xSTLC = 10	10xSTLC = 5,600	10xSTLC = 50	10xSTLC = 800	10xSTLC = 250	10xSTLC = 50	10xSTLC = 2.0	10xSTLC = 3,500	10xSTLC = 200	10xSTLC = 10	10xSTLC = 50	10xSTLC = 70	10xSTLC = 240	10xSTLC = 2,500
		TCLP = NA	TCLP = 5.0	TCLP = 100.0	TCLP = NA	TCLP = 1.0	TCLP = 5.0	TCLP = NA	TCLP = NA	TCLP = NA	TCLP = 5.0	TCLP = 0.2	TCLP = NA	TCLP = NA	TCLP = 1.0	TCLP = 5.0	TCLP = NA	TCLP = NA	TCLP = NA
		20xTCLP = NA	20xTCLP = 100	20xTCLP = 2,000	20xTCLP = NA	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA	20xTCLP = NA	20xTCLP = 100	20xTCLP = 4.0	20xTCLP = NA	20xTCLP = NA	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA	20xTCLP = NA
Clow SP3																			
TTLC	8/25/2004	ND<1.8	9.3	33	ND<0.68	1.5	24	1.3	ND<2.2	4,500 (a,b)	690 (b,c)	ND<0.19	3.1	58	ND<1.9	ND<0.80	ND<1.5	6.8	2,100
STLC	8/25/2004	ND<0.40	ND<0.76	2.17	ND<0.14	0.27	1.15	ND<0.0020	0.25	435	72.8	ND<0.02	0.25	4.60	ND<0.32	ND<0.16	ND<0.59	0.22	359
TCLP	8/25/2004	NA	ND<0.19	0.44	NA	ND<0.09	ND<0.12	NA	NA	NA	6.99	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA
Clow SP6																			
TTLC	8/25/2004	ND<1.8	9.2	90	ND<0.68	0.71	22	ND<0.80	6.3	330 (b)	210 (b,c)	0.68	2.7	16	ND<1.9	ND<0.80	ND<1.5	33	330
STLC	8/25/2004	ND<0.40	ND<0.76	2.85	ND<0.14	ND<0.15	0.68	ND<0.0020	ND<0.16	19.2	5.39	ND<0.02	ND<0.25	0.55	ND<0.32	ND<0.16	ND<0.59	0.32	9.43
TCLP	8/25/2004	NA	ND<0.19	0.44	NA	ND<0.09	ND<0.12	NA	NA	NA	ND<0.13	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA

mg/kg = milligrams per kilogram
TTLC = Total Threshold Limit Concentration (reported in mg/kg)
STLC = Soluble Threshold Limit Concentration (reported in mg/L). 10xSTLC reported in mg/kg
TCLP = Toxicity Characteristic Leaching Procedure (reported in mg/L). 20xTCLP reported in mg/kg.
ND = Not Detected. Sample is below the reported method detection limit
NA = Not Applicable
= Exceeds TTLC limit
= Exceeds 10xSTLC limit
= Exceeds 20xTCLP limit

tes:

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3. If the total concentration of a substance is twenty times (by rule of thumb) the TCLP value, the TCLP test should be performed. If any substance in a waste analyzed equals or exceeds the TCLP value, it is considered a hazardous toxic waste (Federal standards).
4. Bold values indicate exceedence of the regulatory limit.

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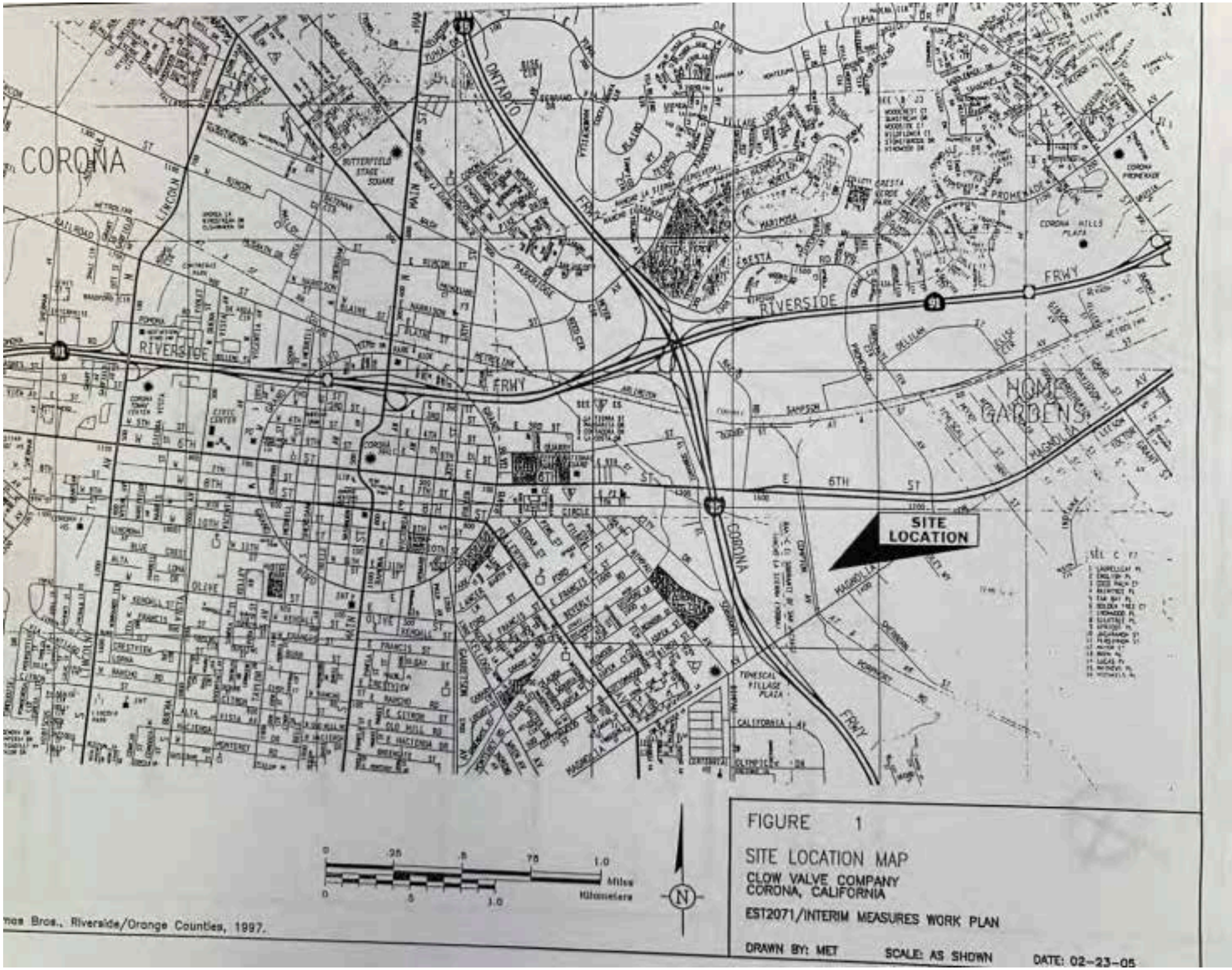
CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

SAMPLE ID AND ANALYSIS TYPE	DATE OF SAMPLING	TITLE 22 METALS																	
		ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM (Total)	CHROMIUM VI	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC
		TTLC = 500	TTLC = 500	TTLC = 10,000	TTLC = 75	TTLC = 100	TTLC = 2,500	TTLC = 500	TTLC = 8,000	TTLC = 2,500	TTLC = 1,000	TTLC = 20	TTLC = 3,500	TTLC = 2,000	TTLC = 100	TTLC = 500	TTLC = 700	TTLC = 2,400	TTLC = 5,000
		STLC = 15	STLC = 5.0	STLC = 100	STLC = 0.75	STLC = 1.0	STLC = 560	STLC = 5.0	STLC = 80	STLC = 25	STLC = 5.0	STLC = 0.2	STLC = 350	STLC = 20	STLC = 1.0	STLC = 5.0	STLC = 7.0	STLC = 24	STLC = 250
		10xSTLC = 150	10xSTLC = 50	10xSTLC = 1,000	10xSTLC = 7.5	10xSTLC = 10	10xSTLC = 5,600	10xSTLC = 50	10xSTLC = 800	10xSTLC = 250	10xSTLC = 50	10xSTLC = 2.0	10xSTLC = 3,500	10xSTLC = 200	10xSTLC = 10	10xSTLC = 50	10xSTLC = 70	10xSTLC = 240	10xSTLC = 2,500
		TCLP = 94	TCLP = 5.0	TCLP = 100.0	TCLP = NA	TCLP = 1.0	TCLP = 5.0	TCLP = 84	TCLP = NA	TCLP = NA	TCLP = NA	TCLP = 0.2	TCLP = 0.2	TCLP = NA	TCLP = NA	TCLP = 1.5	TCLP = 5.0	TCLP = NA	TCLP = NA	TCLP = NA
		20xTCLP = NA	20xTCLP = 100	20xTCLP = 2,000	20xTCLP = NA	20xTCLP = 20	20xTCLP = 100	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA	20xTCLP = 100	20xTCLP = 4.0	20xTCLP = NA	20xTCLP = NA	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA	20xTCLP = NA
Clow SP7																			
TTLC	8/25/2004	ND<1.6	27	94	ND<0.68	1.6	30	1.7	6.3	**3200 (a,b)**	470 (b,c)	ND<0.19	3.6	53	2.4	ND<0.80	ND<1.6	32	1,200
STLC	8/25/2004	ND<0.40	0.81	3.07	ND<0.14	ND<0.15	0.61	ND<0.0005	ND<0.16	104	21.3	ND<0.02	ND<0.25	1.39	ND<0.32	ND<0.16	ND<0.69	0.21	53.6
TCLP	8/25/2004	NA	ND<0.19	0.55	NA	ND<0.09	ND<0.12	NA	NA	NA	1.09	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA
Clow SP8																			
TTLC	8/25/2004	ND<1.6	7.3	74	ND<0.68	1.8	29	1.4	5.4	**2930 (a,b)**	470 (b,c)	ND<0.19	3.3	38	ND<1.9	ND<0.80	ND<1.6	23	1,200
STLC	8/25/2004	ND<0.40	ND<0.76	2.68	ND<0.14	ND<0.15	0.41	0.0024	ND<0.16	96.7	17.8	ND<0.02	ND<0.25	1.22	ND<0.32	ND<0.16	ND<0.69	0.18	56.1
TCLP	8/25/2004	NA	ND<0.19	0.48	NA	ND<0.09	ND<0.12	NA	NA	NA	1.27	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA

mg/kg = milligrams per kilogram
TTLC = Total Threshold Limit Concentration (reported in mg/kg)
STLC = Soluble Threshold Limit Concentration (reported in mg/L). 10xSTLC reported in mg/kg
TCLP = Toxicity Characteristic Leaching Procedure (reported in mg/L). 20xTCLP reported in mg/kg
ND = Not Detected; Sample is below the reported method detection limit
NA = Not Applicable
a = Exceeds TTLC limit
b = Exceeds 10xSTLC limit
c = Exceeds 20xTCLP limit

Notes:
1. If the total concentration of a substance equals or exceeds the TTLC value, it is considered a hazardous toxic waste (California standards).
2. If the total concentration of a substance is ten times (by rule of thumb) the STLC value, the Waste Extraction Test (WET) should be performed. If any substance in a waste analyzed equals or exceeds the STLC value, it is considered a hazardous toxic waste (California standards).
3. If the total concentration of a substance is twenty times (by rule of thumb) the TCLP value, the TCLP test should be performed. If any substance in a waste analyzed equals or exceeds the TCLP value, it is considered a hazardous toxic waste (Federal standards).
4. Bold values indicate exceedance of the regulatory limit.

FIGURES



Thomas Bros., Riverside/Orange Counties, 1997.

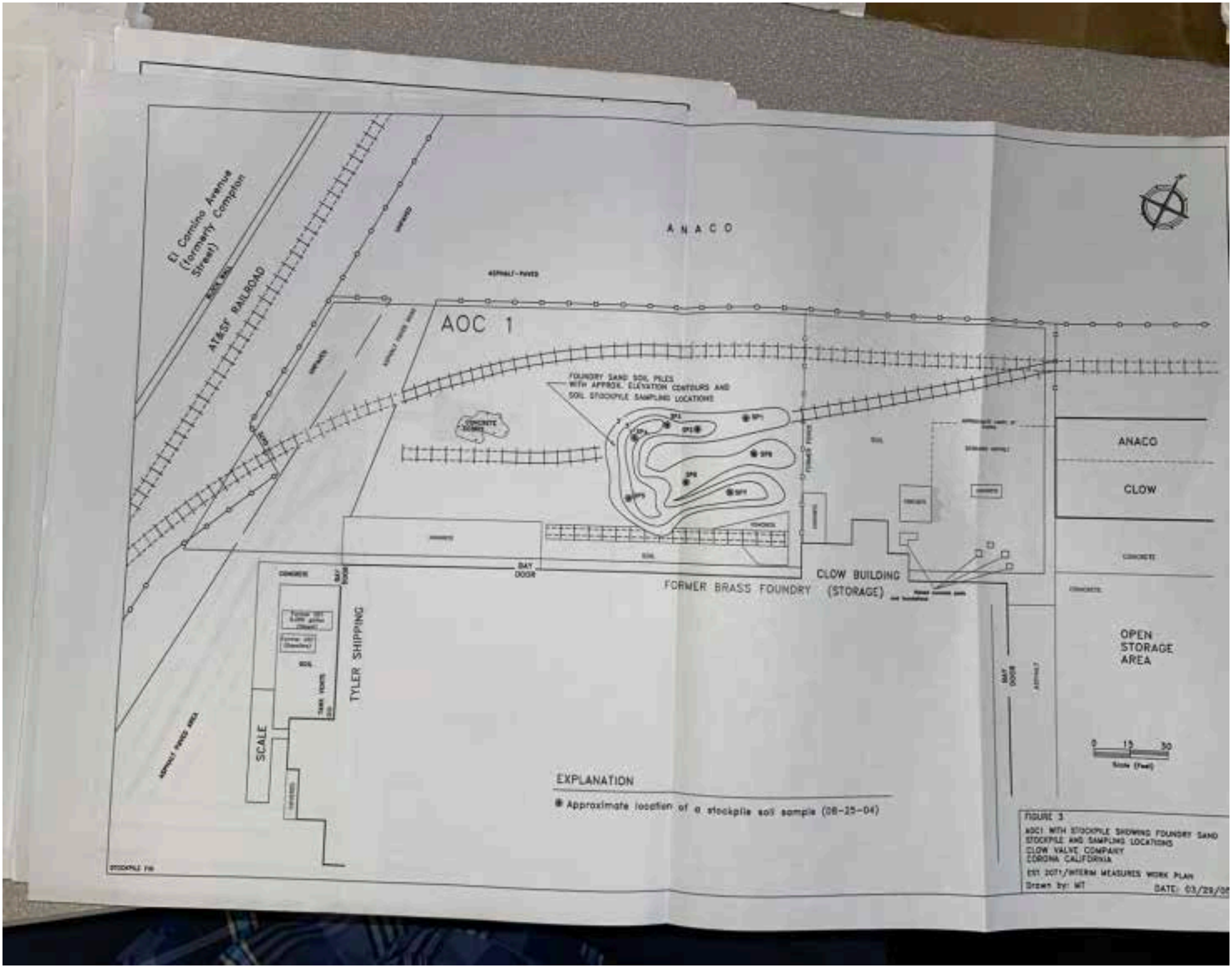
FIGURE 1

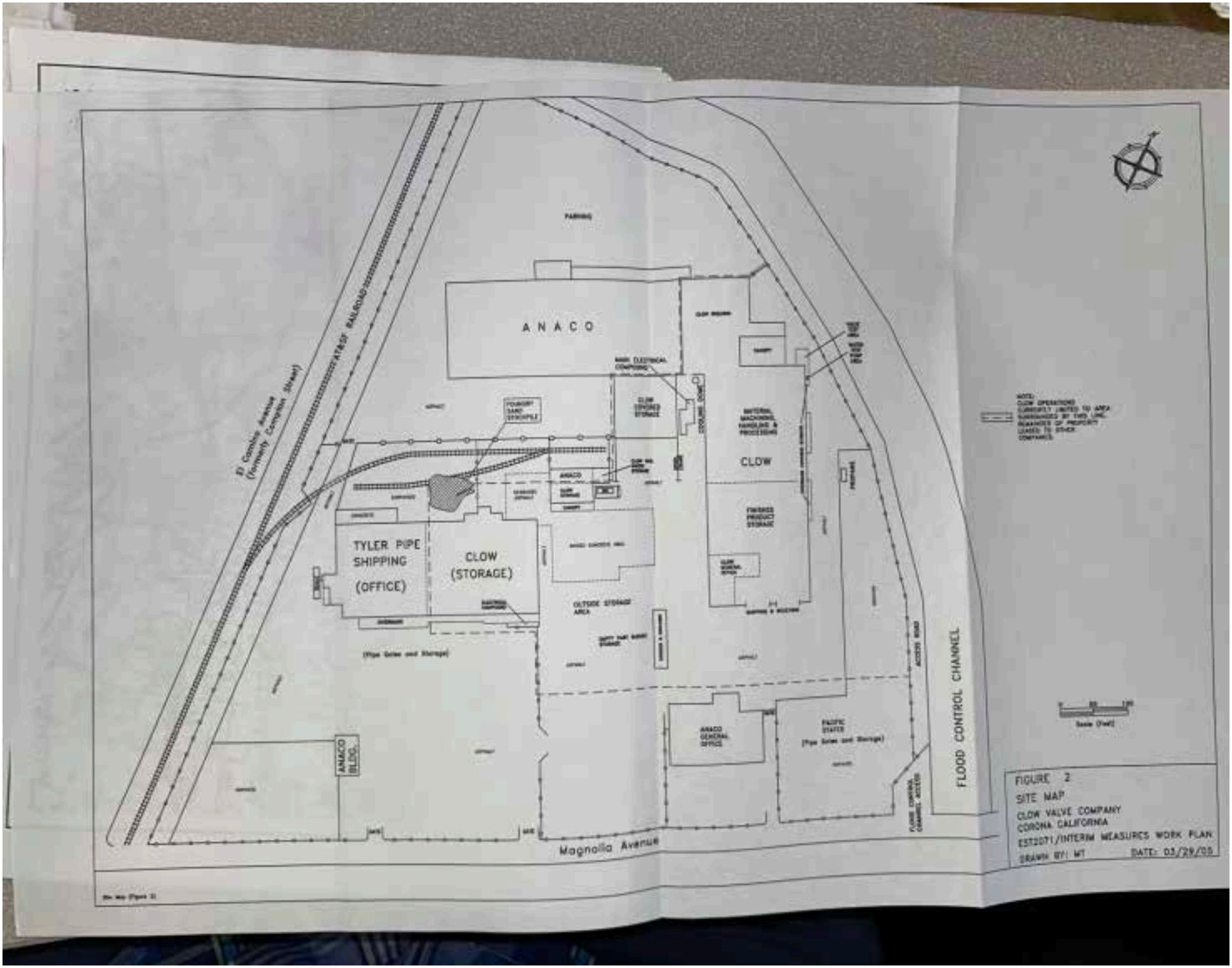
SITE LOCATION MAP

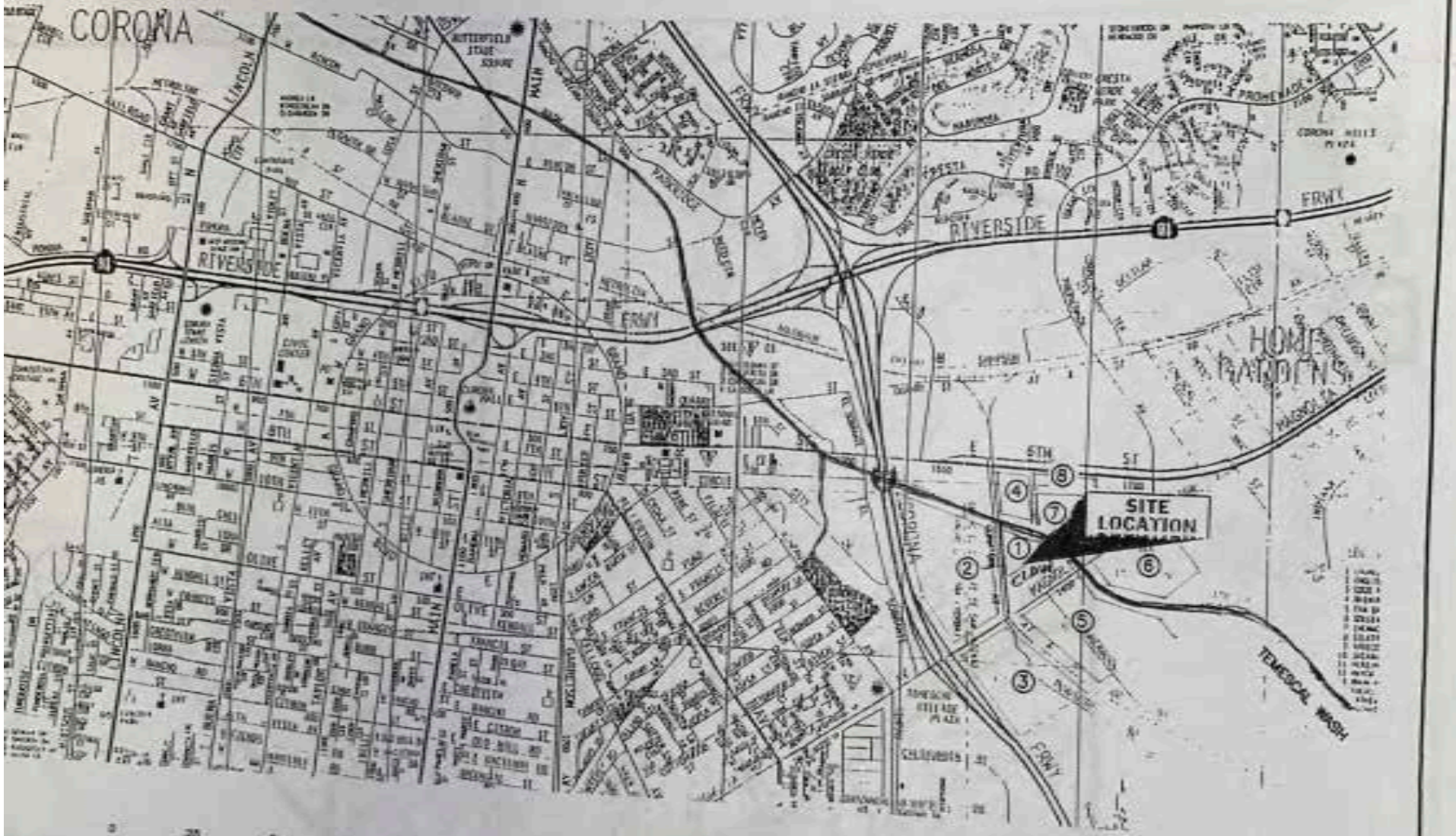
CLOW VALVE COMPANY
CORONA, CALIFORNIA

EST2071/INTERIM MEASURES WORK PLAN

DRAWN BY: MET SCALE: AS SHOWN DATE: 02-23-05


El Camino Avenue
(formerly Compton
Street)
AT&SF RAILROAD
ANACO
AOC 1
FOUNDRY SAND SOIL PILES
WITH APPROX. ELEVATION CONTOURS AND
SOIL STOCKPILE SAMPLING LOCATIONS
ANACO
CLOW
BAY
DOOR
FORMER BRASS FOUNDRY
CLOW BUILDING
(STORAGE)
TYLER SHIPPING
SCALE
OPEN
STORAGE
AREA
EXPLANATION
Approximate location of a stockpile soil sample (08-25-04)
FIGURE 3
AOC1 WITH STOCKPILE SHOWING FOUNDRY SAND
STOCKPILE AND SAMPLING LOCATIONS
CLOW VALVE COMPANY
CORONA CALIFORNIA
EST 2071/INTERIM MEASURES WORK PLAN
Drawn by: MT


ANACO
CLOW
TYLER PIPE
SHIPPING
(OFFICE)
CLOW
(STORAGE)
OUTSIDE STORAGE
AREA
ANACO
BLDG.
ANACO
GENERAL
OFFICE
PACIFIC
STATES
FLOOD CONTROL CHANNEL
Magnolia Avenue
El Cerrito Avenue
(Formerly Compton Street)
ATSF RAILROAD
PARKING
FIGURE 2
SITE MAP
CLOW VALVE COMPANY
CORONA CALIFORNIA
EST2071/INTERIM MEASURES WORK PLAN
DRAWN BY: MT
DATE: 03/29/05

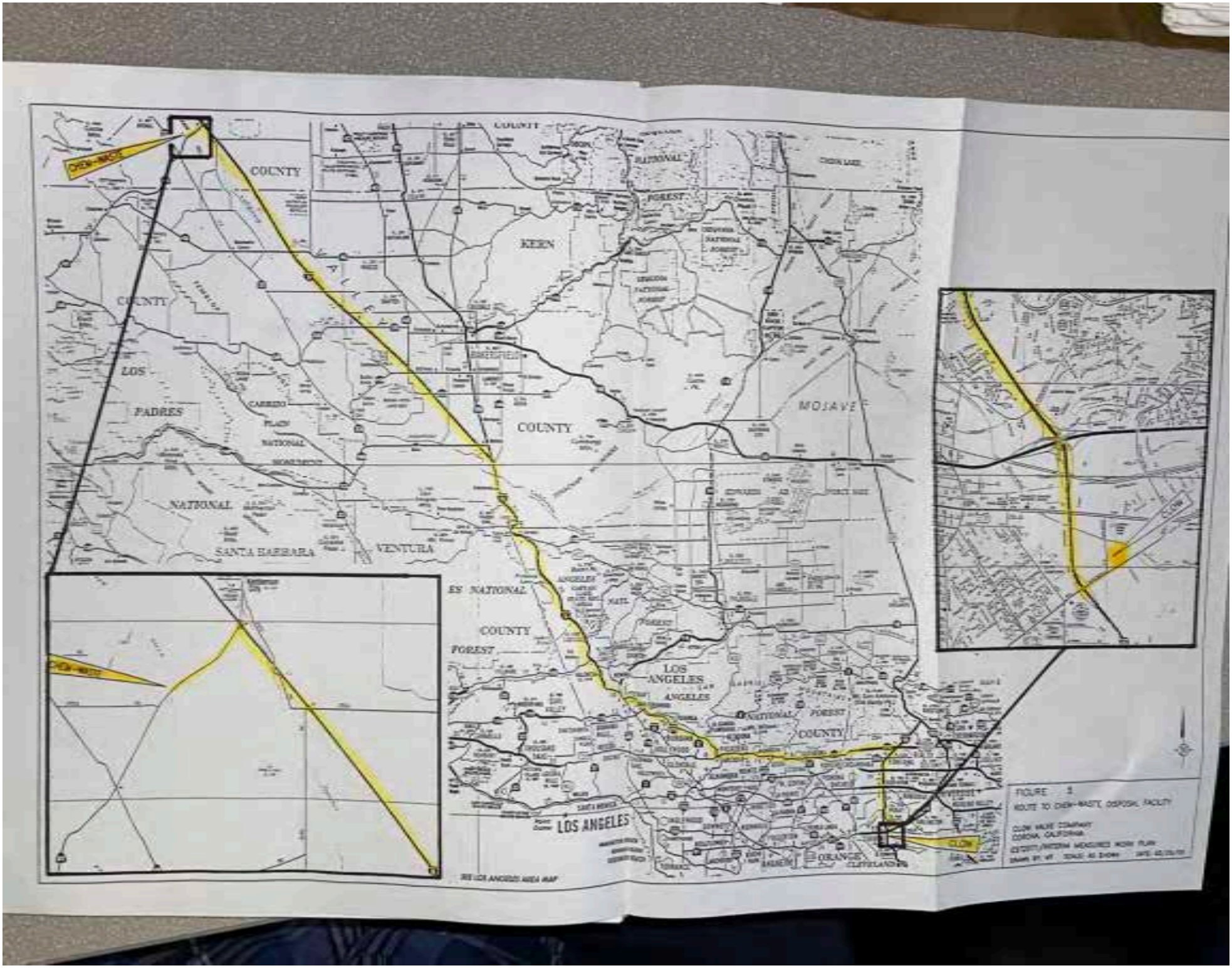


CO PIPE MANUFACTURING
ONA POINTE SHOPPING CENTER
STRIAL PARK
LE HOME PARK

⑤ UNDER DEVELOPMENT (Grading)
⑥ CORONA AUTO SALVAGE YARD
⑦ BUILDING SUPPLY STORAGE LOT
⑧ AUTO REPAIR SHOPS

(N)

FIGURE 4
SITE NEIGHBORHOOD MAP
CLOW VALVE COMPANY
CORONA, CALIFORNIA


COUNTY
KERN
COUNTY
LOS
PADRES
NATIONAL
SANTA BARBARA
VENTURA
MOJAVE
COUNTY
FOREST
LOS
ANGELES
COUNTY
LOS ANGELES
ORANGE
FIGURE 1
ROUTE TO CHEM-WASTE DISPOSAL FACILITY
CLOW VALVE COMPANY
CORONA, CALIFORNIA

Appendix A

COPY OF FOUNDRY SAND STOCKPILE SAMPLING AND ANALYSIS REPORT

FOUNDRY SAND STOCKPILE SAMPLING AND ANALYSIS REPORT

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

Prepared for:

Clow Valve Company
Division of McWane, Inc.
902 South 2nd Street
Oskaloosa, Iowa 52577

Prepared by:

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Irvine, California 92618-4601
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FAX (949) 679-9501

Project No. EST2071

January 21, 2005

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FIGURES

1 Site Location Map
2 Site Map
3 AOC1 Showing Foundry Sand Stockpile and Sampling Locations

APPENDICES

A Laboratory Analytical Reports, Analytical QA/QC Data, and Chain-of-Custody Documentation for Foundry-Sand Stockpile Samples

LIMITATIONS AND WARRANTIES

Environmental Support Technologies, Inc. (EST) has prepared this *Foundry Sand Stockpile Sampling and Analysis Report – Clow Valve Company – Corona, California* for the exclusive use of Clow Valve Company (parent company McWane, Inc.) and assigned interested parties only. The services described within this document were performed in accordance with generally accepted professional consulting principles and practices. No other warranty, expressed or implied, is made.

The information contained in this report was based on measurements performed in specific areas during a specific time period. EST's professional opinions and conclusions are based in part on interpretation of data from discrete sampling or measurement locations that may not represent actual conditions at unsampled or unmeasured locations.

EST assumes no responsibility for issues arising from changes in environmental standards, practices, or regulations subsequent to performance of site assessment work. In the event that any changes occur in waste management practices, site conditions, or uses of the property, the conclusions and recommendations contained in this document should be reviewed and modified or verified in writing by EST. EST does not warrant the accuracy of information supplied by others, or the use of segregated portions of this document.



Kevin B. Aardahl
Project Manager/Senior Geologist

Michael E. Tye, RG
Project Hydrogeologist/Registered Geologist

1.0 INTRODUCTION

Environmental Support Technologies, Inc. (EST) has prepared this report, which summarizes the collection and analysis of soil samples from a stockpile of foundry sand located at the Clow Valve Company facility located at 1375 Magnolia Avenue in Corona, California (site). The approximate location of the site is located in **Figure 1**.

2.0 SUMMARY OF PREVIOUS INVESTIGATIONS

The Clow facility is referenced as DTSC Facility ID Number 331709 and holds Hazardous Materials Management Permit No. CAD 063115133, Facility No. 81952 from the County of Riverside Department of Environmental Health. The facility is referenced with Consent Order docket number SRPD 00/01 SCC-4208.

McWane, Inc., parent company and owner of Clow, retained Advanced Environmental Services, Inc. (AESI) during 2002 to prepare a Preliminary Endangerment Assessment and Facility Investigation Work Plan for the property located at 1375 Magnolia Avenue, Corona, California. AESI prepared and submitted– *Clow Valve Inc.* (March 28, 2002) on behalf of Clow to comply with DTSC requirements outlined in a consent order agreement. Following review of the work plan, DTSC provided written comments in letters to Clow dated June 7, 2002, July 1, 2002, and September 13, 2002. Due to the number of DTSC comments concerning the work plan and the excessive scope of work, Clow retained Environmental Support Technologies, Inc. (EST) to prepare a revised work plan.

An on-site meeting was held on August 13, 2002 to familiarize DTSC staff with the facility and to discuss the work plan comments. A tour of the plant was conducted to observe facility processes and site features. The meeting culminated with the agreement for EST to provide responses to comments related to documentation of previous site clean-up activities, to revise the previously submitted work plan.

A second meeting was held at the site on October 30, 2002. Each of the areas of concern was inspected during the site-walk, and methods to accomplish the proposed soil investigation were discussed. EST then prepared and submitted *Addendum to Preliminary Endangerment Assessment and Facility Investigation Work Plan* (July 22, 2003) (addendum) to the DTSC. The addendum was intended to supplement the previously submitted *Preliminary Endangerment Assessment and Facility Work Plan – Clow Valve Inc.* (AESI, March 28, 2002). Upon receipt of the addendum, the DTSC responded in a letter to Clow dated August 5, 2003 by requesting a complete "stand-alone" document. On March 11, 2004, EST submitted *Preliminary Endangerment and Facility Investigation Workplan*, to comply with comments contained in the August 5, 2003 DTSC letter.

Following DTSC review, several questions and/or comments were raised and a meeting was held at the Clow Corona facility on May 18, 2004. A brief walk-through of the investigation areas was conducted to confirm and/or modify the sampling locations, modify the investigation area names, and develop a plan to include soil gas sampling in lieu of soil sampling for volatile organic compounds. Based on the latest information and comments, EST prepared and submitted *Preliminary Endangerment and Facility Investigation Workplan* (June 21, 2004) that has been approved for implementation.

3.0 PROJECT OBJECTIVES

The objectives of the foundry sand stockpile sampling and analysis were the following:

- Collect and analyze soil samples from a stockpile of foundry sand for chemical characterization;
- Evaluate laboratory results from the sampling to determine the ultimate disposition of the foundry sand;

4.0 SCOPE OF WORK

The scope of work included the following elements to address project requirements:

- Determine the approximate volume of foundry sand through a series of field measurements;
- Division of the stockpile into approximate 10 to 12 cubic yard sections;
- Collection and analysis of soil samples;
- Data evaluation and report preparation.

5.0 FIELD SAMPLING AND ANALYSIS

5.1 Sample Collection

On August 25, 2004, EST collected samples from a stockpile of foundry sand located north of a former on-site brass foundry. The location of the stockpile and the former brass foundry are shown in **Figure 2**. Based on measurements performed in the field, the volume of the stockpile was estimated to be approximately 90 to 100 cubic yards. The approximate locations of the eight (8) stockpile samples (identified with a "SP" prefix) are shown in **Figure 3**. Stockpile sampling was performed by digging several feet into the pile at random

locations (based on an estimate of soil volume) and driving a 2-inch-diameter by 6-inch-long stainless steel soil sample sleeve into the freshly exposed material using a slide hammer sampler. Teflon squares and tight-fitting plastic caps were placed over the ends of each labeled sample sleeve. The sample sleeves were labeled, placed into resealable plastic bags and placed into a cooler with ice. Samples for volatile organic compound analysis were collected in EnCore™ sample containers by coring directly into the freshly exposed soil. The EnCore™ containers were used and handled per the manufacturers specifications. They were labeled, inserted into separate pre-labeled foil bags and placed in a cooler with ice pending delivery to the analytical laboratory.

Sampling equipment was decontaminated between each location by scrubbing with a brush in a bucket with tap water and non-phosphate detergent. The equipment was double rinsed in tap water and final rinsed with distilled water and allowed to air dry. Decontamination water was place into a 55-gallon steel drum that remained on-site.

5.2 Sample Analysis

The samples were transported by EST under chain-of-custody to Sierra Analytical Labs, Inc. (Sierra) in Laguna Hills, California for analysis. Sierra is a California-certified analytical laboratory (ELAP No. 2320).

The samples were analyzed for the following:

- Volatile Organic Compounds (VOCs) by EPA Method 8260
- Semi-Volatile Organic Compounds (Semi-VOCs) by EPA Method 8270C
- Title 22 Metals (Total Threshold Limit Concentration - TTLC) by EPA Method 6000/7000 Series Methods
- Hexavalent Chromium (Cr+6) by EPA Method 7199A
- Cyanide by EPA Method 335.2
- Total Petroleum Hydrocarbons (TPH) Full Scan by EPA Method 8015B

After receipt of results for the above analyses, the samples were analyzed for the following:

- Title 22 Metals including Cr+6 (Soluble Threshold Limit Concentration - STLC) by EPA Method 6000/7000 Series Methods
- Title 22 Metals (applicable metals) (Toxic Characteristic Leach Procedure - TCLP) by EPA Method 6000/7000 Series Methods

6.0 SAMPLE RESULTS

Analytical results for the samples collected from the foundry sand stockpile showed non-detectable concentrations of VOCs, Semi-VOCs, cyanide, and TPH above their respective reporting limits. The samples had detectable concentrations of various metals analyzed by TTLC, STLC, and TCLP procedures.

Analytical results for the TTLC, STLC, and TCLP procedures for metals are summarized in **Table 1**. Laboratory analytical reports, analytical quality assurance/quality control (QA/QC) data, and chain of custody documentation for the stockpile samples are provided in **Appendix A**.

7.0 CONCLUSIONS

Analytical results for the samples collected from the foundry sand stockpile indicate that concentrations of copper, lead, and zinc exceed regulatory levels for the determination if a material is a hazardous waste. Options for management, handling, and disposal of the foundry sand will be presented in an Interim Measures Work Plan that will be prepared and submitted to DTSC for review and approval.

REFERENCES, Chronologically

State of California Environmental Protection Agency, Department of Toxic Substances Control, June 1999. *Preliminary Endangerment Assessment Guidance Manual.* SW 846, Revision 3, December 1996.

Advanced Environmental Services, Inc., March 28, 2002. *Preliminary Endangerment Assessment and Facility Workplan – Clow Valve, Inc.* – 1375 Magnolia Avenue, Corona, California.

Department of Toxic Substances Control, July 1, 2002. Letter to Clow Valve Company.

Department of Toxic Substances Control, September 13, 2002. Letter to Clow Valve Company.

Environmental Support Technologies, Inc., July 22, 2003. *Addendum to Preliminary Endangerment Assessment and Facility Investigation Work Plan.*

Department of Toxic Substances Control, August 5, 2003. Letter to Clow Valve Company.

Environmental Support Technologies, Inc., June 21, 2004. *Preliminary Endangerment and Facility Investigation Workplan* – Clow Valve.

TABLES

TABLE 1

SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR SAMPLES COLLECTED FROM THE SOIL PILE NORTH OF THE FORMER BRASS FOUNDRY

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

	TITLE 22 METALS																	
DATE OF SAMPLING	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CHOMIUM	CHROMIUM (Total)	CHROMIUM VI	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC
	TTLC = 500	TTLC = 500	TTLC = 10,000	TTLC = 75	TTLC = 100	TTLC = 2,500	TTLC = 500	TTLC = 8,000	TTLC = 2,500	TTLC = 1,000	TTLC = 20	TTLC = 3,500	TTLC = 2,000	TTLC = 100	TTLC = 500	TTLC = 700	TTLC = 2,400	TTLC = 5,000
	STLC = 15	STLC = 5.0	STLC = 100	STLC = 0.75	STLC = 1.0	STLC = 560	STLC = 5.0	STLC = 80	STLC = 25	STLC = 5.0	STLC = 0.2	STLC = 350	STLC = 20	STLC = 1.0	STLC = 5.0	STLC = 7.0	STLC = 24	STLC = 250
	10xSTLC = 150	10xSTLC = 50	10xSTLC = 1,000	10xSTLC = 7.5	10xSTLC = 10	10xSTLC = 5,600	10xSTLC = 50	10xSTLC = 800	10xSTLC = 250	10xSTLC = 50	10xSTLC = 2.0	10xSTLC = 3,500	10xSTLC = 200	10xSTLC = 10	10xSTLC = 50	10xSTLC = 70	10xSTLC = 240	10xSTLC = 2,500
	TCLP = NA	TCLP = 5.0	TCLP = 1000	TCLP = NA	TCLP = 1.0	TCLP = 5.0	TCLP = NA	TCLP = NA	TCLP = NA	TCLP = 5.0	TCLP = 0.2	TCLP = NA	TCLP = NA	TCLP = 1.0	TCLP = 5.0	TCLP = NA	TCLP = NA	TCLP = NA
	20xTCLP = NA	20xTCLP = 100	20xTCLP = 2,000	20xTCLP = NA	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA	20xTCLP = NA	20xTCLP = 100	20xTCLP = 4.0	20xTCLP = NA	20xTCLP = NA	20xTCLP = NA	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA
9/25/2004	ND<1.8	8.3	89	ND<0.69	0.96	42	3.7	9.0	560 (b)	238 (b,c)	ND<0.19	4.8	29	ND<1.9	ND<0.80	ND<1.5	38	500
9/25/2004	ND<0.40	ND<0.76	3.08	ND<0.14	ND<0.15	0.29	ND<0.0020	ND<0.16	42.9	7.96	ND<0.02	ND<0.25	0.61	ND<0.32	ND<0.16	ND<0.59	0.17	21.4
9/25/2004	NA	ND<0.19	0.43	NA	ND<0.09	ND<0.12	NA	NA	NA	0.37	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA
9/25/2004	ND<1.6	4.7	45	ND<0.69	3.0	30	9.6	3.2	6,400 (a,b)	1200 (a,b,c)	ND<0.19	2.9	70	ND<1.9	1.1	ND<1.5	9.1	2,600 (b)
9/25/2004	ND<0.40	ND<0.76	2.46	ND<0.14	0.32	1.34	0.0064	0.16	163	67.5	ND<0.02	ND<0.25	2.76	ND<0.32	ND<0.16	ND<0.59	0.26	234
9/25/2004	NA	ND<0.19	0.57	NA	0.09	ND<0.12	NA	NA	NA	19.3	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA

milligrams per kilogram
Total Threshold Limit Concentration (reported in mg/kg).
Soluble Threshold Limit Concentration (reported in mg/L). 10xSTLC reported in mg/kg.
Toxicity Characteristic Leaching Procedure (reported in mg/L). 20xTCLP reported in mg/kg.
Detected: Sample is below the reported method detection limit.
Applicable.
eds TTLC limit.
eds 10xSTLC limit.
eds 20xTCLP limit.

1. If the total concentration of a substance equals or exceeds the TTLC value, it is considered a hazardous toxic waste (California standards).

2. If the total concentration of a substance is ten times (by rule of thumb) the STLC value, the Waste Extraction Test (WET) should be performed. If any substance in a waste analyzed equals or exceeds the STLC value, it is considered a hazardous toxic waste (California standards).

3. If the total concentration of a substance is twenty times (by rule of thumb) the TCLP value, the TCLP test should be performed. If any substance in a waste analyzed equals or exceeds the TCLP value, it is considered a hazardous toxic waste (Federal standards).

4. Bold values indicate exceedence of the regulatory limit.

TABLE 1

SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR SAMPLES COLLECTED FROM THE SOIL PILE NORTH OF THE FORMER BRASS FOUNDRY

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

SAMPLE ID and ANALYSIS TYPE	DATE OF SAMPLING	TITLE 22 METALS																	
		ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM (Total)	CHROMIUM VI	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC
		TTLC = 500	TTLC = 500	TTLC = 10,000	TTLC = 75	TTLC = 100	TTLC = 2,500	TTLC = 500	TTLC = 8,000	TTLC = 2,500	TTLC = 1,000	TTLC = 20	TTLC = 3,500	TTLC = 2,000	TTLC = 100	TTLC = 500	TTLC = 700	TTLC = 2,400	TTLC = 5,000
		STLC = 15	STLC = 5.0	STLC = 100	STLC = 0.75	STLC = 1.0	STLC = 560	STLC = 5.0	STLC = 80	STLC = 25	STLC = 5.0	STLC = 0.2	STLC = 350	STLC = 20	STLC = 1.0	STLC = 5.0	STLC = 7.0	STLC = 24	STLC = 250
		10xSTLC = 150	10xSTLC = 50	10xSTLC = 1,000	10xSTLC = 7.5	10xSTLC = 10	10xSTLC = 5,600	10xSTLC = 50	10xSTLC = 800	10xSTLC = 250	10xSTLC = 50	10xSTLC = 2.0	10xSTLC = 3,500	10xSTLC = 200	10xSTLC = 10	10xSTLC = 50	10xSTLC = 70	10xSTLC = 240	10xSTLC = 2,500
		TCLP = 94	TCLP = 5.0	TCLP = 100.0	TCLP = 0.75	TCLP = 1.0	TCLP = 2.0	TCLP = 5.0	TCLP = 80	TCLP = 25	TCLP = 5.0	TCLP = 0.2	TCLP = 84	TCLP = NA	TCLP = 1.0	TCLP = 5.0	TCLP = NA	TCLP = 24	TCLP = NA
		20xTCLP = NA	20xTCLP = 100	20xTCLP = 2,000	20xTCLP = 15	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = 160	20xTCLP = NA	20xTCLP = 100	20xTCLP = 4.0	20xTCLP = 168	20xTCLP = 114	20xTCLP = 20	20xTCLP = 100	20xTCLP = 494	20xTCLP = 518	20xTCLP = 154
Clow SP3:																			
TTLC	8/25/2004	ND<1.8	10	87	ND<0.88	2.3	33	1.1	6.9	5,700 [a,b]	660 [b,c]	ND<0.18	8.6	70	1.9	ND<0.80	ND<1.5	23	2,400
STLC	8/25/2004	ND<0.45	ND<0.78	2.67	ND<0.14	0.24	1.09	ND<0.0020	0.20	333	68.2	ND<0.02	ND<0.25	2.73	ND<0.32	ND<0.18	ND<0.58	0.39	215
TCLP	8/25/2004	NA	ND<0.19	0.65	NA	ND<0.09	ND<0.12	NA	NA	NA	5.25	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA
Clow SP4:																			
TTLC	8/25/2004	ND<1.8	12	83	ND<0.88	2.3	24	ND<0.50	4.8	5,400 [a,b]	700 [b,c]	ND<0.18	4.2	57	ND<1.9	ND<0.80	ND<1.5	19	2,600 [b]
STLC	8/25/2004	ND<0.45	ND<0.78	1.89	ND<0.14	0.16	0.97	ND<0.0020	ND<0.16	329	49.6	ND<0.02	ND<0.25	3.84	ND<0.32	ND<0.16	ND<0.58	0.24	193
TCLP	8/25/2004	NA	ND<0.19	0.54	NA	ND<0.09	ND<0.12	NA	NA	NA	5.63	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA

mg/kg = milligrams per kilogram
TTLC = Total Threshold Limit Concentration (reported in mg/kg).
STLC = Soluble Threshold Limit Concentration (reported in mg/L). 10xSTLC reported in mg/kg.
TCLP = Toxicity Characteristic Leaching Procedure (reported in mg/L). 20xTCLP reported in mg/kg.
ND = Not Detected. Sample is below the reported method detection limit.
NA = Not Applicable.
= Exceeds TTLC limit.
= Exceeds 10xSTLC limit.
= Exceeds 20xTCLP limit.

Note:
1. If the total concentration of a substance equals or exceeds the TTLC value, it is considered a hazardous toxic waste (California standards).
2. If the total concentration of a substance is ten times (by rule of thumb) the STLC value, the Waste Extraction Test (WET) should be performed. If any substance in a waste analyzed equals or exceeds the STLC value, it is considered a hazardous toxic waste (California standards).
3. If the total concentration of a substance is twenty times (by rule of thumb) the TCLP value, the TCLP test should be performed. If any substance in a waste analyzed equals or exceeds the TCLP value, it is considered a hazardous toxic waste (Federal standards).
4. Bold values indicate exceedance of the regulatory limit.

TABLE 1

SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR SAMPLES COLLECTED FROM THE SOIL PILE NORTH OF THE FORMER BRASS FOUNDRY

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

SAMPLE ID AND ANALYSIS TYPE	DATE OF SAMPLING	TITLE 22 METALS																	
		ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM (Total)	CHROMIUM VI	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC
		TTLC = 500	TTLC = 500	TTLC = 10,000	TTLC = 75	TTLC = 100	TTLC = 2,500	TTLC = 500	TTLC = 8,000	TTLC = 2,500	TTLC = 1,000	TTLC = 20	TTLC = 3,500	TTLC = 2,000	TTLC = 100	TTLC = 500	TTLC = 700	TTLC = 2,400	TTLC = 5,000
		STLC = 15	STLC = 5.0	STLC = 100	STLC = 0.75	STLC = 1.0	STLC = 560	STLC = 5.0	STLC = 80	STLC = 25	STLC = 5.0	STLC = 0.2	STLC = 200	STLC = 20	STLC = 1.0	STLC = 5.0	STLC = 7.0	STLC = 24	STLC = 250
		10xSTLC = 150	10xSTLC = 50	10xSTLC = 1,000	10xSTLC = 7.5	10xSTLC = 10	10xSTLC = 5,600	10xSTLC = 50	10xSTLC = 800	10xSTLC = 250	10xSTLC = 50	10xSTLC = 2.0	10xSTLC = 2,000	10xSTLC = 200	10xSTLC = 10	10xSTLC = 50	10xSTLC = 70	10xSTLC = 240	10xSTLC = 2,500
		TCLP = 15	TCLP = 5.0	TCLP = 100.0	TCLP = 0.75	TCLP = 1.0	TCLP = 5.0	TCLP = NA	TCLP = NA	TCLP = NA	TCLP = 5.0	TCLP = 0.2	TCLP = NA	TCLP = NA	TCLP = 1.0	TCLP = 5.0	TCLP = NA	TCLP = NA	TCLP = NA
		20xTCLP = 300	20xTCLP = 100	20xTCLP = 2,000	20xTCLP = 15	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA	20xTCLP = NA	20xTCLP = 100	20xTCLP = 4.0	20xTCLP = NA	20xTCLP = NA	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA	20xTCLP = NA
Clow SP6																			
TTLC	8/25/2004	ND<1.6	3.5	33	ND<0.68	1.5	24	1.3	ND<2.2	4,900 (a,b)	880 (b,c)	ND<0.19	3.1	96	ND<1.9	ND<0.90	ND<1.5	5.8	2,100
STLC	8/25/2004	ND<0.40	ND<0.78	3.17	ND<0.14	0.27	1.18	ND<0.0020	0.25	408	72.8	ND<0.02	0.28	4.60	ND<0.32	ND<0.15	ND<0.59	0.22	368
TCLP	8/25/2004	NA	ND<0.19	0.44	NA	ND<0.09	ND<0.12	NA	NA	NA	8.89	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA
Clow SP6																			
TTLC	8/25/2004	ND<1.6	9.3	80	ND<0.68	0.71	23	ND<0.50	5.3	330 (b)	290 (b,c)	0.69	2.7	18	ND<1.9	ND<0.90	ND<1.5	33	330
STLC	8/25/2004	ND<0.40	ND<0.78	2.88	ND<0.14	ND<0.15	0.69	ND<0.0020	ND<0.16	19.2	6.38	ND<0.02	ND<0.25	0.55	ND<0.32	ND<0.15	ND<0.59	0.32	9.43
TCLP	8/25/2004	NA	ND<0.19	0.44	NA	ND<0.09	ND<0.12	NA	NA	NA	ND<0.13	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA

mg/kg = milligrams per kilogram
TTLC = Total Threshold Limit Concentration (reported in mg/kg)
STLC = Soluble Threshold Limit Concentration (reported in mg/L). 10xSTLC reported in mg/kg.
TCLP = Toxicity Characteristic Leaching Procedure (reported in mg/L). 20xTCLP reported in mg/kg.
ND = Not Detected. Sample is below the reported method detection limit.
NA = Not Applicable
a = Exceeds TTLC limit.
b = Exceeds 10xSTLC limit.
c = Exceeds 20xTCLP limit.

Notes:
1. If the total concentration of a substance equals or exceeds the TTLC value, it is considered a hazardous toxic waste (California standards).
2. If the total concentration of a substance is ten times (by rule of thumb) the STLC value, the Waste Extraction Test (WET) should be performed. If any substance in a waste analyzed equals or exceeds the STLC value, it is considered a hazardous toxic waste (California standards).
3. If the total concentration of a substance is twenty times (by rule of thumb) the TCLP value, the TCLP test should be performed. If any substance in a waste analyzed equals or exceeds the TCLP value, it is considered a hazardous toxic waste (Federal standards).
4. Bold values indicate exceedance of the regulatory limit.

TABLE 1

SUMMARY OF LABORATORY ANALYTICAL RESULTS FOR SAMPLES COLLECTED FROM THE SOIL PILE NORTH OF THE FORMER BRASS FOUNDRY

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

SAMPLE ID AND ANALYTES TYPE	DATE OF SAMPLING	TITLE 22 METALS																		
		ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM (Total)	CHROMIUM VI	COBALT	COPPER	LEAD	MERCURY	MOLYBDENUM	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC
		TTLC = 500	TTLC = 500	TTLC = 10,000	TTLC = 75	TTLC = 100	TTLC = 2,500	TTLC = 500	TTLC = 8,000	TTLC = 2,500	TTLC = 1,000	TTLC = 20	TTLC = 3,500	TTLC = 2,000	TTLC = 100	TTLC = 500	TTLC = 700	TTLC = 2,400	TTLC = 5,000
		STLC = 15	STLC = 5.0	STLC = 100	STLC = 0.75	STLC = 1.0	STLC = 560	STLC = 5.0	STLC = 80	STLC = 25	STLC = 5.0	STLC = 0.2	STLC = 350	STLC = 20	STLC = 1.0	STLC = 5.0	STLC = 7.0	STLC = 24	STLC = 250
		10xSTLC = 150	10xSTLC = 50	10xSTLC = 1,000	10xSTLC = 7.5	10xSTLC = 10	10xSTLC = 5,600	10xSTLC = 50	10xSTLC = 800	10xSTLC = 250	10xSTLC = 50	10xSTLC = 2.0	10xSTLC = 3,500	10xSTLC = 200	10xSTLC = 10	10xSTLC = 50	10xSTLC = 70	10xSTLC = 240	10xSTLC = 2,500
		TCLP = NA	TCLP = 5.0	TCLP = 100.0	TCLP = 0.5	TCLP = 1.0	TCLP = 5.0	TCLP = 560	TCLP = 8.4	TCLP = 5.6	TCLP = 5.0	TCLP = 0.2	TCLP = 5.6	TCLP = NA	TCLP = 5.4	TCLP = 1.0	TCLP = 5.0	TCLP = NA	TCLP = NA
		20xTCLP = NA	20xTCLP = 100	20xTCLP = 2,000	20xTCLP = 15	20xTCLP = 20	20xTCLP = 100	20xTCLP = 11,200	20xTCLP = 168	20xTCLP = 50	20xTCLP = 100	20xTCLP = 4.0	20xTCLP = NA	20xTCLP = 112	20xTCLP = 20	20xTCLP = 100	20xTCLP = NA	20xTCLP = NA	20xTCLP = 104
Clow SP7																				
TTLC	8/23/2004	ND<1.0	27	94	ND<0.69	1.5	30	1.7	6.3	3200 (a,b)	470 (b,c)	ND<0.10	3.6	53	2.4	ND<0.80	ND<1.0	32	1,200
STLC	8/25/2004	ND<0.40	0.81	3.57	ND<0.14	ND<0.15	0.51	ND<0.0020	ND<0.15	184	21.3	ND<0.02	ND<0.20	1.38	ND<0.32	ND<0.16	ND<0.59	0.21	53.9
TCLP	8/25/2004	NA	ND<0.19	0.55	NA	ND<0.09	ND<0.12	NA	NA	NA	1.09	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA
Clow SP8																				
TTLC	8/25/2004	ND<1.0	7.3	74	ND<0.69	1.8	28	1.4	5.4	2800 (a,b)	470 (b,c)	ND<0.10	3.5	38	ND<1.9	ND<0.80	ND<1.0	23	1,200
STLC	8/25/2004	ND<0.40	ND<0.19	2.88	ND<0.14	ND<0.15	0.41	0.0024	ND<0.15	96.7	17.8	ND<0.02	ND<0.20	1.22	ND<0.32	ND<0.16	ND<0.59	0.18	56.1
TCLP	8/25/2004	NA	ND<0.19	0.48	NA	ND<0.09	ND<0.12	NA	NA	NA	1.27	ND<0.0003	NA	NA	ND<0.18	ND<0.04	NA	NA	NA

mg/kg = milligrams per kilogram
TTLC = Total Threshold Limit Concentration (reported in mg/kg)
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TCLP = Toxicity Characteristic Leaching Procedure (reported in mg/L). 20xTCLP reported in mg/kg
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Notes:
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FIGURES

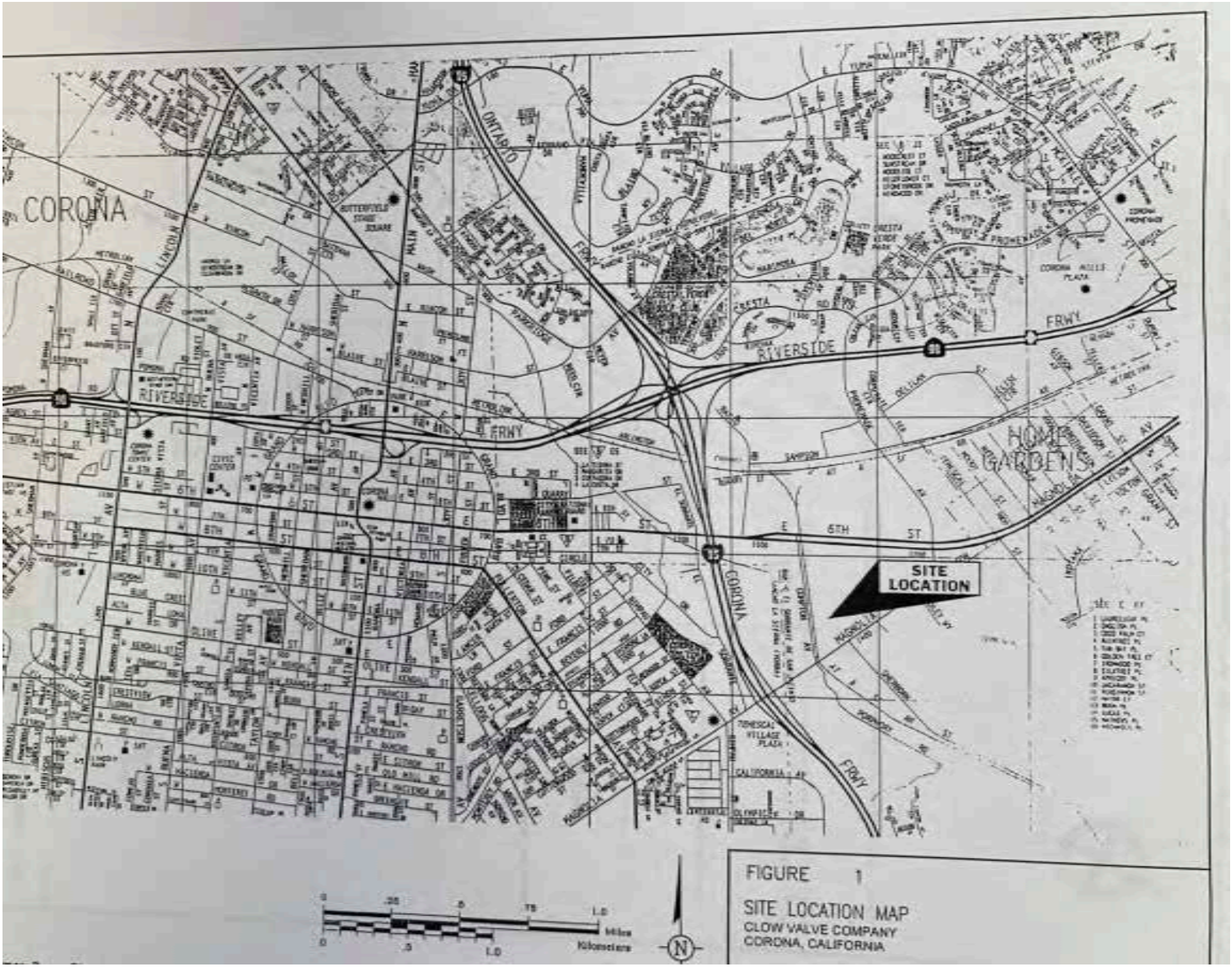


FIGURE 1

SITE LOCATION MAP
CLOW VALVE COMPANY
CORONA, CALIFORNIA

ADVANCED
ENVIRONMENTAL, INC.

CORPORATE OFFICE: 13841 Roswell Ave., Suite A • Chino • CA 91710 • (909) 590-4229 • Fax (909) 590-7810
PHOENIX OFFICE: 2303 North 44th Street, Suite 14 • Phoenix • AZ 85008 • (602) 829-1888 • Fax (909) 590-7810

December 29, 1994

Ms. Sandra Wages
County of Riverside
Hazardous Materials Management Division
P.O. Box 7600
Riverside, CA 92513-7600
(909) 358-5055
(909) 358-5017 fax

Dear Ms. Wages:

This correspondence is to follow up our work plan and notification concerning the recycling of lead impacted soil from the Brass Foundry Area and the stockpile of soil from Clow Valve in Corona, California.

The following is a short synopsis of how the material will be handled:

- All sheet metal will be cut out of the trench and material will be removed via backhoe and swept broom clean
- Material will be collected, consolidated and loaded into end dumps
- Material will then be transported to filter recycling services in Colton, California
- There it will be recycled into non-hazardous material and then transported to Gibson Environmental in Bakersfield, California
- Personnel will be wearing Level C personal protective equipment

* Project start date is January 11, 1995
* Project completion dated is January 12, 1995

If you have any questions, please feel free to contact me directly at your earliest convenience.

Sincerely,

Joe Wilson, REA
Environmental Engineering
Advanced Environmental, Inc.

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

October 20, 1994

Mr. Barry Robison
McWane, Inc.
P.O. Box 607
Birmingham, Alabama 35201

Re: Clow Valve Company, Inc.

Dear Mr. Robison:

Based upon the information provided by Laidlaw Environmental Services, Inc. in their letter dated October 14, 1994, this office will approve the proposed removal and disposal, under a separate and distinct Hazardous Waste Manifest, of the original stockpile of the lead-contaminated soil from directly below the stockpile of foundry sand in the rear of the facility.

As per Section 66268.7(a)(3) of Title 22 of the California Code of Regulations, McWane, Inc. (Clow Valve Company, Inc.) as the generator of said waste, must submit a notice to the facility receiving the waste that the waste is not prohibited from land disposal. This notice shall include all of the required information.

Please contact me at (909)358-5055 if there are any questions.

Sincerely,

Sandra J. Wages
Hazardous Materials Specialist

cc: Laidlaw Environmental Services, Inc.

John M. Fanning, Director
4065 County Circle Drive • Riverside, CA 92503 • Phone (909) 358-5316 • FAX (909) 358-5017

ADVANCED ENVIRONMENTAL, INC.

CORPORATE OFFICE: 13841 Roswell Ave., Suite A • Chino • CA 91710 • (909) 590-4229 • Fax (909) 590-7810
PHOENIX OFFICE: 2303 North 44th Street, Suite 14 • Phoenix • AZ 85008 • (602) 829-1888 • Fax (909) 590-7810

October 14, 1994

Ms. Sandra Wages
County of Riverside
Hazardous Materials Management Division
P.O. Box 7600
Riverside, CA 92513-7600
(909) 358-7600

Dear Ms. Wages:

This correspondence is to follow up our telephone conversation of October 14, 1994 concerning the recycling of lead impacted soil at Clow Valve in Corona, CA.

The following is a short synopsis of how the material will be handled:

- Remediation activity is to involve foundry sand from the Brass Foundry area and the stock pile of lead impacted soil at the rear of the facility
- All sheet metal will be cut out of the trench and the Brass Foundry sand will be removed via backhoe and swept broom clean
- Material will be collected in 20 cubic yard roll-off bins
- Brass Foundry sand and lead impacted soil are to be transported under a California Uniform Hazardous Waste Manifest to Gibson Environmental with copies of manifest provided to the Hazardous Materials Management Division, County of Riverside
- There it will be recycled into road base
- Personnel will be wearing level C personal protective equipment
- County of Riverside Hazardous Materials Management Division will be notified as to the work start date

If you have any further questions, please feel free to contact me directly at your earliest convenience.

Sincerely,

Joe Wilson, REA
Environmental Engineering
Advanced Environmental, Inc.

JW:kp

cc: Mr. Berry Robinson, Clow Valve

LAIDLAW ENVIRONMENTAL SERVICES

October 14, 1994

Ms. Sandra J. Wages
County of Riverside
Department of Environmental Health
4065 County Circle Drive
Riverside, California 92503

RE: Clow Valve - Corona, California

Dear Ms. Wages,

In response to your correspondence to Barry Robison of McWane regarding Clow Valve in Corona, California, please be advised of the following information.

We accept your determination that the "lead contaminated soil from directly below the site of foundry sand" warrants management as a discreet waste stream. We also agree that this waste is subject to the treatment standards prescribed in California Code of Regulations, Title 22, Section 55268.106(a)(3). However, pursuant to California Health and Safety Code, Section 25179.7(a)(3), a variance has extended the implementation date of these standards until January 1, 1995.

With this in mind, we propose to load this material on-site into certified hazardous waste end-dump trucks, transport it to Laidlaw's Imperial Valley facility at Westmorland, California, on a California Hazardous Waste Manifest where it will then be landfilled.

If you should have any further questions or concerns, please do not hesitate to contact me at (909) 983-0342.

Sincerely,
Laidlaw Environmental Services, Inc.

J.R. Fredericks
Project Manager

JF/jaj
CC: Wendy Lipscomb - TSR
Barry Robison - McWane

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY

DEPARTMENT OF ENVIRONMENTAL HEALTH

October 11, 1994

Mr. Joe Wilson
Advanced Environmental, Inc.
13841 Roswell Avenue
Suite A
Chino, CA 91710

Re: Clow Valve in Corona, CA

Dear Mr. Wilson:

After reviewing your correspondence dated 10/05/94 regarding the remediation activities planned for the Clow Valve facility, it is apparent that there was some miscommunication during our telephone conversation of 10/05/94. In order to allow Advanced Environmental to initiate remediation activities, this office will require the workplan dated 10/05/94 to be revised to include, and/or specify, the following:

- Remediation activity is to involve foundry sand from the brass foundry area and the stockpile of lead-impacted soil in the rear of the facility;
- Foundry sand and lead-impacted soil are to be transported under Uniform Hazardous Waste Manifest to Gibson Environmental with copies of manifests provided to the Hazardous Materials Management Division;
- The County of Riverside Hazardous Materials Management Division will be notified as to the work start date.

Please contact me at (909)358-5055 if there are any questions.

Thank You,

Sandra J. Wages

Sandra J. Wages
Hazardous Materials Specialist

cc: Mr. Barry Robison, McWane, Inc.

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

September 28, 1994

Mr. Barry Robison
McWane, Inc.
P.O. Box 607
Birmingham, Alabama 35201

Dear Mr. Robison:

This office has received and reviewed the requested documentation to approve removal and proper transport of the following wastes from the Clow Valve facility in Corona: oil-contaminated soil and debris; the screened waste from screening of foundry sand; the refractory material consisting of old, unused materials; and the remaining stockpile of screened foundry sand.

As discussed during our last communication, this office will require a workplan detailing the methods of identification handling, transport, and disposal to be utilized in the clean-up of the residual foundry sand and lead-contaminated soil remaining on site. This workplan shall be submitted and approved prior to initiating further remediation procedures.

The remaining waste to be addressed is the original stockpile of lead-contaminated soil from directly below the pile of foundry sand which was in the rear of the facility. First of all, as per discussion with the California Department of Toxic Substances Control (Reference: California Code of Regulations, Title 22, Sections 66261.120-126), this soil may not be classified as a special waste. Secondly, the sample results for this soil are well above the treatment standards set forth in Title 22, Section 66268.106(a)(3). Specifically, sample number 2B2 with a soluble lead concentration of 192 mg/l and sample number 1B with a total lead concentration of 1,860 mg/kg(extrapolated) both exceed the treatment standard for lead of 67 mg/l which may not be exceeded for the allowable land disposal of such waste. Consequently, the original stockpile of lead-contaminated soil from below the pile of foundry sand in the rear of the Clow Valve facility must be chemically stabilized to meet the treatment standard prior to land disposal. In order for this office to approve removal of this lead-contaminated soil, McWane, Inc. shall submit a letter detailing the methods of removal, transport, treatment, and disposal to be utilized in the handling of this waste.

If there are any questions, please contact me at (909)358-5055.

Sandra J. Wages
Hazardous Materials Specialist

cc: Laidlaw Environmental Services, Inc.

John M. Fanning, Director
4065 County Circle Drive • Riverside, CA 92503 • Phone (909) 358-5316 • FAX (909) 358-5018

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

September 8, 1994

Mr. Barry Robison
McWane, Inc.
P.O. Box 607
Birmingham, Alabama 35201

Re: Clow Valve clean-up

Dear Mr. Robison:

The following wastes, of immediate concern to the Hazardous Materials Management Division, remain on site at the Clow Valve facility in Corona, California: oil-contaminated soil; screened debris from screening of foundry sand; lead-contaminated soil from below foundry sand stockpile in rear of facility; refractory material from bags containing old, unused materials; remaining screened foundry sand; and residual foundry sand awaiting clean-up.

In order to approve removal and proper transport of the above-mentioned wastes, McWane, Inc. shall submit a letter to this office to include the following information:

- separate and complete profiles and analyses for all of the above-mentioned wastes;
- the specific destination for each of the above-mentioned wastes;
- detailed statements as to the manner in which each of the above-mentioned wastes is to be transported (i.e. under uniform hazardous waste manifest, non-hazardous manifest, bill of lading, etc.);
- specific variances, regulations, and/or parameters which allow the respective treatment, storage, and disposal facility to accept the above-mentioned wastes in their current state.

If there are any questions, feel free to contact me at (909)358-5055.

Sincerely,

Sandra J. Wages

Sandra J. Wages
Hazardous Materials Specialist

cc: J.R. Fredericks, Laidlaw Environmental Services

McWANE, INC
P. O. BOX 660
BIRMINGHAM
ALABAMA
35201
(205) 322-3521

C. B. "BARRY" ROBISON
VICE PRESIDENT
ENVIRONMENTAL AFFAIRS

Ms. Sandra J. Wages
Hazardous Materials Specialist
Department of Environmental Health
County of Riverside
P.O. Box 7600
Riverside, CA 92513-7600

August 23, 1994

RE: Clow Valve, Corona

Dear Ms. Wages:

As requested, I am writing to update you on our progress in cleaning up the Corona facility and to outline the additional work we anticipate completing in the next few weeks.

As of this date, Disposal Control Service, Inc.(DCSI), has essentially removed all the foundry sands, oil contaminated soils, and the solid waste products from the site. Enclosed are copies of their progress reports through August 22, 1994, as well as copies of all the analytical results that have been made available to us. As soon as we receive their final report I will forward a copy to you. I have also requested copies of the analytical work done by DCSI to profile the wastes prior to recycling and/or disposal. I will forward these to you as soon as they are received.

Regarding the area under the sand pile at the rear of the old iron foundry. I plan to be in Corona next week to complete the evaluation, conduct follow up sampling and arrange for disposal of any and all contaminated soils. Our plan is to excavate the area (about 10 square feet) under sample point B to a point where the residual lead concentration meets the TTLC or STLC limits, whichever is appropriate. To accomplish this we will continue to excavate the area approximately one foot at a time. At each one foot interval (depth) at least two (2) samples will be collected and analyzed for total lead (Pb). If the total lead concentrations are less than 50 mg/kg no further excavation will be done. If the total lead concentrations, are greater than 50 mg/kg but less than about 100 mg/kg, the sample will be analyzed for soluble lead (STLC). If the STLC concentrations are below 5.0 mg/l no further excavation will be done. At this point, you will be contacted and requested to observe the final confirmatory sampling. This procedure will be repeated as necessary until we are satisfied that no contaminated soils remain in the area.

Once excavation is complete (and the confirmatory sampling results are received), the excavated soil will be profiled for appropriate disposal, manifested if needed, transported and disposed of at an approved facility. The profiling, transporting and final disposal will be done by a contractor, most likely DCSI or Advanced Environmental. In the interim, all excavated soils will be stockpiled on pavement or plastic and covered with plastic to prevent dispersion by wind or rain and the excavated area will be bermed to preclude run on.

I will talk to you next week. In the meantime, if you need any more information, please call.

Sincerely,

CBH

cc: Leon McCullough
Harlan Ratcliff
Joe Scheliga

RECEIVED
AUG 2 0 1994

COUNTY OF SHASTA HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

No.

SUPPLEMENTAL REPORT

Page ___ of ___ pages

Reference Date 8-11-94

Name [illegible]

Address [illegible] City [illegible]

Topic Inspection Details of Follow-up Hazardous Waste Generator

REMARKS:

[illegible] Inspection at the [illegible] facility was made with [illegible] [illegible] [illegible]

McWANE, INC
P. O. BOX 607
BIRMINGHAM
ALABAMA
35201
(205) 322-3521

C. B. "BARRY" ROBISON
VICE PRESIDENT
ENVIRONMENTAL AFFAIRS

Ms. Sandra J. Wages
Hazardous Materials Specialist
Department of Environmental Health
Riverside County
4065 County Circle Drive
Riverside, CA 92503

June 26, 1995

Dear Ms. Wages:

Attached is information which summarizes the work done by Advanced Environmental, Inc., to complete the contaminated sand/soil removal project at Clow Valve Company in Corona.

Included are Advanced's proposal, correspondence and final invoice which shows the quantity of material removed. Copies of all manifests are on file at Clow Valve and can be furnished if requested.

Although the initial proposal was to transport the material to Gibson Environmental in Bakersfield, circumstances requires that it be sent to Kramer Metals in Los Angeles. Mr. Wilson with Advanced assured us that this was acceptable to your Department.

Thank you for all your help and patience. I truly enjoyed working with you on this project. If you have any questions, please call or write.

Sincerely,

CBR

cc: Joe Schilega, Clow Valve
Harlan Ratcliff, Clow Valve

ADVANCED ENVIRONMENTAL, INC.

CL #675688

CORPORATE OFFICE: 13841 Roswell Ave., Suite A • Chino • CA 91710 • (909) 590-4229 • Fax (909) 590-7810
PHOENIX OFFICE: 2303 North 44th Street, Suite 14 • Phoenix • AZ 85008 • (602) 829-1666 • Fax (909) 590-7810

June 20, 1995

Mr. Barry Robinson
McWane, Inc.
P.O. Box 607
Birmingham, Alabama 35201
(205) 322-3521
(205) 324-7250 Fax

Ref: Clow Valve
1375 Magnolia Avenue
Corona, California 91719

Dear Barry:

This correspondence is to follow up your request for a synopsis of the sequence of events concerning the removal and disposal of material in the trench area in the old brass foundry area and the removal of lead impacted soil stockpiled at the rear of the facility.

On January 11, 1995, the project started by cutting out the metal obstructions in the conveyer trench to gain access to the lead bearing material. The material was very liquid due to the substantial amount of rain Southern California had received for the year.

As much of the material as possible was removed by hand and loaded into 20 cubic yard roll-off bins along with the stockpiled material at the rear of the facility and transported via California Uniform Hazardous Waste Manifest, Classification D 008, to Filter Recycling Corporation, a licensed, permitted and insured receiving facility for recycling.

The remainder of the sludge was then vacuumed out utilizing a 5000 gallon vacuum tanker and transported to DeMenno/Kerdoon for recycling in Compton, California.

The sheet metal removed from the trench was also recycled at Kramer Metals in Los Angeles, California.

The project was completed within two weeks of the start date.

June 21, 1995

McWane, Inc.

If you have any further questions, please feel free to contact me directly at your earliest convenience.

Sincerely,

Joe Wilson/cb

Joe C. Wilson, REA
Environmental Engineering
Advanced Environmental, Inc.

JCW:cb

ADVANCED ENVIRONMENTAL, INC.

13841 Roswell Ave., Unit A
Chino, CA 91710
(909) 590-4229 • Fax (909) 590-7810

INVOICE 08922

CUSTOMER NO. CLOW

BILL TO:

Clow Valve Company
1375 Magnolia Avenue
Corona, CA 91719

SHIP TO:

Clow Valve Company
1375 Magnolia Avenue
Corona, CA 91719

DATE	UNIT NO.	P.O.#	TERMS
1/31/95	Joe Scheiga		Net 10

PURCHASE ORDER NUMBER	ORDER DATE	SALESPERSON	JOB ORDER NUMBER
-72532	01/18/95	Joe Wilson	23952

QUANTITY REQUIRED	QUANTITY SHIPPED	B/O	ITEM NUMBER	DESCRIPTION	UNIT PRICE	AMOUNT
				Manifest #'s 95295496, 95294926, 95294929,95294930, 95294931 and 95294932		
1.000	1.000		OC	Cutting Torch-remove obstructions from trenches to gain access	950.00	950.00
32.000	32.000		L2	Remove lead contaminated material from trenches (2) technicians 2 days @ $45/ea per day	45.00	1440.00
16.000	16.000		L	Supervisor 2 days @ $55/hr	55.00	880.00
3.000	3.000		ER	Backhoe- 3 days $850 per day	850.00	2550.00
4.000	4.000		OT	Transport lead contaminated soil to receiving facility in roll-off bin (4)	950.00	3800.00
1.000	1.000		PFS	Facility profile fee-Soil	250.00	250.00
54.670	54.670		RF	Recycle lead contaminated soil (54.67 tons)	169.00	9239.23
1.000	1.000		PFL	Facility profile fee- Liquid	150.00	150.00
1600.0	1600.0		TFR	Treatment Fees - Recycling (1600 gallons)	0.69	1104.00

ADVANCED ENVIRONMENTAL, INC.

13841 Roswell Ave., Unit A
Chino, CA 91710
(909) 590-4229 • Fax (909) 590-7810

INVOICE 08923 (cont.)

CUSTOMER NO. CLOW

BILL TO:

Clow Valve Company
1375 Magnolia Avenue
Corona, CA 91719

SHIP TO:

Clow Valve Company
1375 Magnolia Avenue
Corona, CA 91719

DATE	SHIP VIA	F.O.B.	TERMS
1/31/95	Joe Scheliga		Net 10

PURCHASE ORDER NUMBER	ORDER DATE	SALESPERSON	OUR ORDER NUMBER
72532	01/18/95	Joe Wilson	23952

QUANTITY ORDERED	QUANTITY SHIPPED	B.O.	ITEM NUMBER	DESCRIPTION	UNIT PRICE	AMOUNT
384.00	384.00		SSR	Solids Surcharge (24%) (384 gallons)	3.25	1248.00
10.500	10.500		TRO	Transportation-Vacuum Tanker	60.00	630.00
1.000	1.000		VF	Vacuum Tanker washout	250.00	250.00
9.000	9.000		AB	Absorbent Supplied	15.00	135.00
1.000	1.000		ER	Water truck (per day)	250.00	250.00
8.000	8.000		BR	Bin Rental 4 bins x 8 days @ $5/ea per day	20.00	160.00
				Invoice subtotal		23036.23
				Sales tax @ 7.750%		10.46
				Invoice total		23046.69

All past due balances are subject to a 1.5% per month charge

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

October 11, 1994

Mr. Joe Wilson
Advanced Environmental, Inc.
13841 Roswell Avenue
Suite A
Chino, CA 91710

Re: Clow Valve in Corona, CA

Dear Mr. Wilson:

After reviewing your correspondence dated 10/05/94 regarding the remediation activities planned for the Clow Valve facility, it is apparent that there was some miscommunication during our telephone conversation of 10/05/94. In order to allow Advanced Environmental to initiate remediation activities, this office will require the workplan dated 10/05/94 to be revised to include, and/or specify, the following:

- Remediation activity is to involve foundry sand from the brass foundry area and the stockpile of lead-impacted soil in the rear of the facility;
- Foundry sand and lead-impacted soil are to be transported under Uniform Hazardous Waste Manifest to Gibson Environmental with copies of manifests provided to the Hazardous Materials Management Division;
- The County of Riverside Hazardous Materials Management Division will be notified as to the work start date.

Please contact me at (909)358-5055 if there are any questions.

Thank You,

Sandra J. Wages

Sandra J. Wages
Hazardous Materials Specialist

cc: Mr. Barry Robison, McWane, Inc.

John M. Fanning, Director
4065 County Circle Drive • Riverside, CA 92503 • Phone (909) 358-5316 • FAX (909) 358-5017
(Mailing Address – P.O. Box 7600 • Riverside, CA 92513-7600)

McWANE, INC
P. O. BOX 607
BIRMINGHAM
ALABAMA
35201
(205) 322-3521

C. B. "BARRY" ROBISON
VICE PRESIDENT
ENVIRONMENTAL AFFAIRS

Ms. Sandra J. Wages
Hazardous Materials Specialist
Department of Environmental Health
County of Riverside
P.O. Box 7600
Riverside, CA 92513-7600

November 30, 1993

RE: Clow Valve Company, Corona

Dear Ms. Wages:

I am writing to update you on our progress toward compliance with the concerns raised as a result of your inspection on September 2, 1993. I would also take this opportunity to comment on your letter dated November 17, 1993.

Advanced Environmental has completed cleaning the test pond. The pond has been filled with inert material and all records regarding removal and disposal of the residue is available at the facility for your review.

Three of the four underground storage tanks have been removed. As you know, the fourth tank contained a considerable amount of asphalt paint residue that will require removal and disposal before the tank can be removed. We have authorized ESE to proceed and they should be in contact with you in the near future regarding their schedule. As soon as this tank is removed, ESE will complete the sampling program and we will forward to you the laboratory results along with the tank disposal documentation.

Mr. Scheliga, has conducted the annual training update for all employees. Documentation of this is available at the facility.

During the week of November 15, 1993, we began consolidating and inventorying all the bagged and drummed material at the facility. Identification is now underway and should be completed in time to include any "unknowns" in the sampling plan which we intend to submit by December 17, 1993.

Our letter of November 3, 1993, indicated that a Contingency Plan would be prepared and submitted by November 30, 1993. However, we are a little behind schedule. The plan is being prepared and should be ready for submittal no later than December 17, 1993. I trust this minor delay will be acceptable.

In regards to the issue of foundry sand; your letter of November 17, 1993, stated "...the foundry sand may qualify as a hazardous waste, a special waste, or a recylable material." However, as I understand, both the state and federal regulations exempt, from

the definition of solid waste, material that is used or reused, without further processing, as an ingredient in a manufacturing process or as an effective substitute for a raw material. As explained in our letter of November 3, 1993, this is exactly what we intend to do with the sand. Your interpretation could be extrapolated to apply to the use and/or shipment of any material that had been previously used but still was suitable for the purpose or process it was intended. We would request you review your position and/or provide further clarification of the regulatory citation used in supporting your decision.

Irregardless of the above differences in interpreting the requirements, Clow Valve is willing to develop and implement a sampling program that includes the foundry sand. We are also agreeable to providing Riverside County some type of certification that the sand was shipped to, received by and used by Clow Valve's Iowa facility. However, if your agency deemed any of the material a hazardous waste, our Iowa facility could not accept the sand since it is not a permitted TSD facility. This could result in Clow paying a premium for disposal of a potential raw material, as well as increasing the volume of waste in the environment.

Thank you for your consideration. We look forward to completing this project in a timely and satisfactory manner.

Sincerely,

CBL

cc: Ms. Martha Bahia, Riverside County
Harlan Ratcliff, Clow Valve
Joe Scheliga, Clow Valve

CLOW VALVE COMPANY
WASTE MANAGEMENT SCHEDULE
(Revised 11/30/93)

Item		Complete by
1.	Remove 4 underground storage tanks	12/17/93
2.	Remove liquid waste & sludge from test pond	complete
3.	Seal compressor room drain	complete
4.	Begin consolidating & inventorying drummed and bagged material	complete
5.	Ship all foundry sand to Clow Valve in Iowa for reuse	2/1/94*
6.	Submit for review and approval a sampling plan for all wastes and foundry sand	12/17/93
7.	Implement sampling plan	30 days from approval
8.	Remove for reuse or disposal all bagged and drummed material	30 days from receipt of analytical data
9.	Revise and implement weekly hazardous waste area inspections	12/13/93
10.	Conduct annual training update	complete
11.	Develop and submit Contingency Plan	12/17/93

* - Disposal, if necessary will also be completed by 2/1/94

RECEIVED
DEC 07 1993

APPENDIX D

SOIL MANAGEMENT PLAN

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

PREPARED FOR:

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA 92879

PREPARED BY:

EARTHCON CONSULTANTS CA, INC.
1100 TOWN & CENTER ROAD, SUITE 200
ORANGE, CALIFORNIA 92868

EARTHCON PROJECT NUMBER. 04.20150013.17

JULY 23, 2021

Certification:

Soil Management Plan

Clow Valve
1375 Magnolia Avenue
Corona, California

Prepared for:

Clow Valve
1375 Magnolia Avenue
Corona, California 92879

June 23, 2021

EarthCon Consultants CA, Inc. (EarthCon) presents conclusions herein based solely upon the agreed upon scope of work outlined in this plan. EarthCon makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this plan. Additional information, which was not found or available to EarthCon at the time of writing this plan, may result in modification of the conclusions presented. This plan is not a legal opinion. The services performed by EarthCon have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

Signed:

Rebecca Sundilson
Senior Scientist

Jeff Bennett, PG 6027, CHG 400
Principal Hydrogeologist



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Appendix

Appendix A	Site Health and Safety Plan (HASP)
Appendix B	State and Federal Hazardous Waste Criteria
Appendix C	Land Use Covenant
Appendix D	Grading Plans and Permit

1.0 INTRODUCTION AND REGULATORY STATUS

On behalf of Clow Valve Company (Clow), a Division of McWane, EarthCon Consultants CA, Inc (EarthCon), has prepared this Soil Management Plant (SMP) to guide future on-site activities that disturb the soil at the property located at 1375 Magnolia Avenue in Corona, California (Site; see Figures 1 and 2). Clow is currently in the process of implementing the field activities as identified in the Corrective Measures Implementation Workplan (CMIWP) for the Site. Proposed CMIWP activities will be conducted under the supervision of the Department of Toxic Substances Control (DTSC) and in accordance with the Corrective Action Consent Agreement between the California Department of Toxic Substances Control (DTSC) and Clow [Docket No. SPRD 00/01SCC-4208, March 2002]. The DTSC-approved corrective measures will be implemented to yield conditions suitable for continued commercial/industrial use. The entire Site will be restricted for industrial use in accordance with the future Land Use Covenant (LUC). Therefore, the future use of the Site must be in accordance with the deed restrictions identified in the proposed LUC. (See Appendix C draft LUC.)

The purpose of this SMP is to provide guidance for management of soils in the event soil disturbance is required during future construction and maintenance activities on-Site. Clow intends to implement the SMP during grading and capping activities at AOC1 and AOC5 associated with the approved CMIWP. Additionally, to support the future Site activities, this SMP has also been prepared to facilitate implementation of future projects and compliance with applicable laws. The current plan for the Site is industrial redevelopment with one or more tilt-up type building(s). This will entail limited over-excavation and re-compaction of the soil on-Site under the future building(s) and concrete truck courts and drive aisles for geotechnical purposes. Current plans are for Clow to retain ownership and redevelop the property in cooperation with a long-term lessee. In addition, both the DTSC and USEPA will be notified of such activities prior to implementation, as specified in Section 6.1.1.

A summary of previous investigations as well as elements of the SMP are described in detail in the following sections.

2.0 SUMMARY OF PREVIOUS INVESTIGATIONS

In October of 2000, the DTSC conducted a Compliance Evaluation Inspection at the Site and determined that there may have been potential releases of hazardous waste into the environment. A Corrective Action Consent Agreement (CACA) was prepared for the Site in October 2001 and was subsequently revised on March 6, 2002.

As required by the CACA and through negotiations with DTSC a Preliminary Endangerment Assessment and Facility Work plan was prepared (June 21, 2004) was prepared, which identified the following nine (9) areas of concern (AOC) at the Site (see Figure 2 and Figures 3A through 3J)):

- AOC1 – Rail Spur Area (including area of diesel impact)
- AOC2 – Chip-Bin Storage Area
- AOC3 – Water Pressure Test Area
- AOC4 – Former Iron Foundry Sand Cleanup Area
- AOC5 – Oil-Stained Pad (eastern portion of AOC1)
- AOC6 – Former Asphalt Dip Tank
- AOC7 – Transformer Area 1
- AOC8 – Transformer Area 2
- AOC9 – Former Test-Pond (filled)

Upon review of the revised PEA, the DTSC determined that interim measures were necessary due to the presence of a stockpile of dry, unconsolidated foundry sand waste located in the Rail Spur Area (AOC1).

Approximately 393 cubic yards of stockpile material containing elevated concentrations of copper, lead, and zinc was removed from the Site and transported to the Chemical Waste Management Class I disposal facility in Kettleman City, California in June 2005.

Additional investigation included the following:

- A soil sampling investigation was subsequently conducted in June and July of 2005 and the

results were provided in a document titled *Preliminary Summary of Site Assessment Results and Proposed Further Assessment* (November 29, 2005).

- Further delineation of the vertical and lateral extent of subsurface impacts was conducted at AOC1, AOC2, AOC3, AOC5, and AOC7 in September 2006 along with Site wide near surface soil sampling, to address a DTSC concern that metal impacted fill material may have been used on-Site. In addition, one groundwater well was installed at AOC1 to facilitate groundwater sampling. Results from this investigation were provided in a document titled *Report of Findings* (Fero, December 18, 2006).
- Groundwater sampling results from 2006 investigation showed a low level of TCE (1.43 ug/L, which is below the Maximum Contaminant Level of 5 ug/L) in groundwater beneath the Site. Given the absence of any chlorinated solvent use at the Site, the TCE detection was postulated to be related to an off-Site source.

In October 2015, Clow and DTSC reached a mutual decision to restart the stalled process due to the economic uncertainty associated with Site redevelopment. Clow subsequently contracted with EarthCon to assist with restarting the process and revising the Site Corrective Measures Study in the absence of site redevelopment. EarthCon and Clow met with the DTSC on March 15, 2016 to provide an overall project update and identify a path to move forward as requested. EarthCon evaluated the previous environmental activities, site assessment investigations, and the associated analytical results. The analytical results from the previous investigations are illustrated on Figures 1 through 3K. The results from the previous investigations were evaluated and subsequently included in a Site-specific Human Health Risk Assessment.

In February 2017, two additional groundwater monitoring wells were installed on-Site as identified by the locations illustrated on Figure 2. Installation of these wells allowed for calculation of the Site-specific groundwater flow direction and gradient, which confirmed that MW-1 was appropriately positioned to evaluate potential groundwater impacts related to the former TPH-d release at AOC-1. Groundwater monitoring events were conducted in March 2017 and subsequently in May 2017. Groundwater samples reported concentrations of various compounds below their associated MCLs with the exception of arsenic (March 2017 event only). However, the arsenic concentrations reported in MW-1 through MW-3 was within the local background arsenic concentrations. Therefore, it was determined that groundwater would not be incorporated into the overall scope of this CMS and the wells were removed.

The historical data, Human Health Risk Assessment, and current Site operations were used to prepare a CMS for the Site (EarthCon, 2018). The CMS identified that excavation (AOC7) and capping in place (AOC1, AOC5, and AOC7) as the selected remedy. However, due to the presence of PCBs at AOC-7, additional Site assessment activities were conducted in July 2018, October 2018, and January 2019 under the oversight of the USEPA. The USEPA also required that further assessment of potential PCB impacted soil would be evaluated at AOC3 and AOC6 as well. The results were summarized in a document titled *Risk-Based Approval Application 40 CFR 761.61 (c)(1)* (EarthCon, 2019). Based on the results from the PCB related Site assessment activities, EarthCon recommended that rather than excavating PCB-impacted soil at AOC7 that the Site remained capped, with the existing concrete cap having the ability to protect industrial workers from exposure to PCB concentration in the underlying soil. In a letter dated April 23, 2019, the USEPA approved the application with the conditions including preparation of the following: Deed Restriction, Operations and Maintenance Plan, and Soil Management Plan, and PCB Cleanup Report (CMI Report).

Upon receipt of the approval letter from the USEPA, the DTSC approved the CMS in a letter dated May 16, 2019. The CMIWP presented details associated with the cap design, installation and implementation schedule for AOC1 and AOC5. The proposed schedule for the evaluation and repair of the exiting ground cover in AOC2, AOC4, and AOC9 is also addressed. Additionally, potential cap repair and/or construction, if necessary, associated with AOC3, AOC6, and AOC7 was identified to require the oversight of the USEPA.

3.0 SOIL MANAGEMENT

3.1 Pre-Field Activities

Requirements of the Soil Management Plan apply to a portion of the Site depicted in Figure 4, a land survey of an area of the Site subject to 40 CFR 761.3 (PCB impacted soil), and an area subject to SMP and O&M Plan (lead impacted soil at or above 320 mg/kg). Figure 4 was prepared by a California licensed Professional Land Surveyor. Figure 4A, "Site Plan With Areas Subject to Land Use Covenant", depicts historical Site features and identifies the boundary of the area to be capped during the Corrective Measures implementation in addition to depicting the boundary of the area with lead concentrations exceeding 320 mg/kg (the same as in the land survey).

Prior to the commencement of activities that disturb soil, designated Site personnel will ensure that all proper underground utility clearances are conducted and marked with white paint as appropriate. Underground Services Alert (USA) will be subsequently notified at least 72-hours prior to initiation of field activities. Persons conducting soil disturbing activities will coordinate with knowledgeable Site personnel to determine the location of subsurface utilities and a geophysical survey will be conducted if necessary. In addition, field activities should not occur without a Site-specific Site Health and Safety Plan (HASP), elements of which should be discussed daily during tail-gate safety meetings. The current HASP for the Site, associated with the implementation of the CMIWP by Clow, is provided for reference in Appendix A. Updated health and safety documentation (e.g. HAZWOPER) for on-Site personnel will be provided to the DTSC prior to implementing field work.

Site personnel will notify the DTSC a minimum of 30 days before field work begins (see Section 6.1.1). Should the scope of work involve management of soil containing PCBs over 1 part per million (ppm) (AOC-6 or AOC-7), Site personnel will also notify the USEPA[1]. Notification to the DTSC and USEPA may require the submittal of documentation, such as excavation plan, soil confirmation sampling plan, waste profiling, transportation plan, destination facility, and City and/or County approved grading plans, to show how the soil under the LUC will be disturbed and ensure proper soil management. See Section 6.1 for details.

3.1.1 Work Description

In accordance with the CMIWP, grading operations within areas with lead impacted soil will involve

1 The Site Cleanup criteria for PCBs is based on the USEPA approved industrial cleanup level of 15 mg/kg. However, McWane may elect to remove impacted soil exceeding 1 mg/kg PCBs in order to remove references to PCBs from the LUC.

moisture conditioning for dust suppression purposes and recompacting of soil in place. Areas AOC-1 and AOC-5 depicted on Figure 4A and in Appendix D, Drawing No. 20-026P will be graded and paved to establish a barrier between lead contaminated soil and surface receptors and also to facilitate proper Site drainage. Moisture will be applied to soil prior to recompacting it within the borders of areas AOC1 and AOC5. The soil will not be moved to other areas of the project. The project is not anticipated to generate any excess lead contaminated soil to be transported from the Site for off-Site disposal so long as current conditions are encountered.

During Site redevelopment activities, if soil in the vicinity of AOC-6 and/or AOC-7 with PCB concentrations exceeding 1 mg/kg is disturbed, that soil will be removed and managed appropriately. Likewise, areas identified by samples AOC1-B3, AOC1-B17, SW-2, and SW-3 containing lead concentrations exceeding 1,000 mg/kg will be removed and appropriately managed, as discussed further in Sections 4.0, 4.1.1. and 4.2.1.

3.1.2 Unknowns

DTSC will be notified within 24 hours should previously unknown features such as underground storage tanks and/or odorous/discolored soil be encountered during soil excavation or grading activities. If such conditions are encountered, that area will be isolated and samples will be collected for laboratory analysis to assess the nature of the unknown condition.

3.1.3 Off Site Disposal

Any soil brought to the surface by grading, excavation, trenching or backfilling shall be managed in accordance with all applicable provisions of state and federal law. In the event soil is excavated from areas identified on Figure 3K with lead concentrations detected at or above California Code of Regulations, Title 22, Toxicity Threshold Limit Concentrations (1,000 mg/kg) the soil will be profiled and transported to an off-Site permitted hazardous waste treatment or disposal facility consistent with the procedures presented in Section 4 and Section 5.

For disposal purposes, in-situ sampling of PCB-impacted soil is required prior to excavation. Prior to excavating soil from areas identified on Figure 3F or Figure 3G with PCB concentrations above 1 mg/kg, McWane will provide a PCB Removal Workplan, including an in-situ soil sampling plan to US EPA for approval. Consistent with the procedures presented in Section 4 and Section 5, excavated soil will be profiled and soil at or above 50 ppm PCBs will either be transported to a TSCA landfill or with a TSCA

approval to a RCRA hazardous waste landfill. Additionally, McWane will notify USEPA, at a minimum 30 days prior to any soil disturbing activity at the Site, further details are provided in Section 6.1.1(b).

3.1.4 Soil Import

If needed, any off-Site soils brought to the Site for use as backfill (import fill) must be tested in general conformance with the DTSC, *Information Advisory Clean Imported Fill Material* document (DTSC, 2001). Import fill shall be tested for target compounds based on the location of the fill source area; however, at a minimum, the fill should be tested for the following constituents:

- TPHcc using EPA Method 8015;
- VOCs using EPA Method 5035/8260B;
- PCBs using EPA Method 8082 (using soxhlet extraction method 3540C); and
- Title 22 metals using 6010B/7271 A

Other analyses may be required contingent on the source of the import fill or recommendations by the supervising PG or PE. A minimum of one sample will be collected for laboratory analysis per each 1,000 tons, up to 5,000 tons, of import fill per borrow site (single source). For quantities above 5,000 tons of import fill per borrow site (single source), one additional sample will be collected for laboratory analysis per each additional 5,000 tons of import fill. In-situ samples (from the borrow source) will be collected randomly from surface, two feet, and five feet below ground surface, and from the bottom of the excavation if deeper than 5 feet. For PCBs, import soil shall contain less than 1 mg/kg of total PCBs.

3.2 Stockpile Management

Prior to initiation of earthmoving/soil disturbing activities, areas for stockpiling excess soil should be established to control contact by Site employees and dispersal into the environment. Management of excavated soil and subsequent characterization for proper off-Site disposal to an appropriate disposal facility is discussed in further detail in Section 4.

3.3 Air Quality Management

The constituents of concern at the Site do not include Volatile Organic Compound (VOC) contaminated soil. Therefore, Site activities conducted in accordance with this SMP are not expected to require a Rule 1166 permit under the jurisdiction of the South Coast Air Quality Management District (SCAQMD). However, based on the metal and PCB concentrations present in

the soil, earth-moving activities are required to be conducted in accordance with SCAQMD Rule 1466. Rule 1466 requires training and certification from SCAQMD, monitoring, notification, and record keeping.

Ambient air monitoring (AAM) will be conducted during on-Site activities to quantify dust concentrations in the work area breathing zone and at the Site fence line. In accordance with SCAQMD Rule 1466, AAM will be conducted to determine if a two (2) hour average PM_{10} concentration exceeds 25 micrograms per cubic meter (ug/m^3). If the average concentration has been exceeded, earth-moving activities will cease, and dust suppression measures will be implemented as needed until the PM_{10} concentration is equal to or less than 25 ug/m^3 averaged over 30 minutes. At a minimum, PM_{10} AAM will include one (1) upwind monitor and one (1) downwind monitor which will record the collected direct-reading data every 10 minutes or less using a DustTrak, or equivalent. In addition, when earth-moving activities occur, the wind direction and speed will also be monitored using a weather station.

AAM data will be collected by a qualified designee at each monitoring location (which will include on-Site and fence line locations). Measurements will be recorded via electronic data logging and/or an air monitoring log. Windspeed and direction will be monitored and, if the wind speed is greater than 15 mph average over a 15-minute period or instantaneous wind speeds greater than 25 mph, earth moving activities will cease.

AAM monitoring for dust within the on-Site work zones will be conducted on a continuous basis using a direct reading instrument such as a Miniram, or equivalent. The detected values will be compared to the DTSC required criteria for total dust of 0.05 mg/m^3.

During excavation activities, Site workers will implement standard engineering controls available in the industry to manage dust emissions. Minimizing dust will also minimize potential hazards associated with airborne contaminants. The following table summarizes the control measures for the different activities:

Activity	Control Measure
Earth Moving Activities	- Apply water to prevent generation of visible dust plumes - Adequately wet to the depth of earth moving activity and allow time for penetration. - Setup fencing with windscreen (50+/-5% porosity). - Stabilize soil once earth-moving activities are completed.

Activity	Control Measure
	- If earth-moving activities will not occur for three (3) or more consecutive days, application of a chemical stabilizer to potential sources of fugitive dusts, diluted to the concentration required to maintain a stabilized surface for the period of inactivity, is required. - Within five (5) days of excavation, excess soil will be removed from the site.
Export of Material	- Pre-water material prior to loading into the hauling trucks, if applicable. - Provide water while loading/unloading to reduce visible dust plumes. - Post signs stating that vehicle speed will be limited on-Site to 15 mph or less. - Maintain at least six inches of freeboard on the hauling trucks. - Stabilize material while transporting. Use tarps or other suitable enclosures on the hauling trucks. - Comply with track-out prevention/mitigation requirements. Stabilize surface of vehicular traffic by applying dust suppressant, as needed.
Truck Loading	- Pre-water material prior to loading. - Empty loader bucket slowly so no dust plumes are created. - Ensure that freeboard exceeds six inches. - Ensure that the loader bucket is close to the truck to minimize drop height while loading. - Completely tarp the truck prior to leaving site.
Off-Site/ Perimeter	- Track-out will not extend beyond 25 feet of property line. Remove track-out each day using a vacuum sweeper equipped with a filter(s) rated by the manufacturer to achieve 99.97% capture efficiency for 0.3 micron particles. - Use shaker plates (minimum of 24 feet long and 10 feet wide) and stabilized construction entrance. - Sweep the immediate surroundings continuously or on an as-needed basis. - Clean soil from exterior of trucks prior to leaving site, if applicable. - Apply water as required.
Backfilling	- Apply water to prevent generation of visible dust plumes. - Empty loader buckets slowly so dust plumes are not created. - Stabilize material when not actively handling. - Stabilize material during handling. - Stabilize soil at completion of activity. - Minimize drop height from loader bucket.

Site personnel will provide an on-Site dust control supervisor that will be present during earthmoving activities to expeditiously employ sufficient dust control measures to ensure compliance with SCAQMD Rule 1466. Site personnel will have previously completed the SCAQMD Fugitive Dust Control Class and subsequently received a Certificate of Completion. Certificates will be retained with the project related records in accordance with the project record keeping

requirements identified in Section (h) of Rule 1466.

Site personnel will electronically notify the SCAQMD Executive Officer of the intent to conduct soil disturbing activities a minimum of 72 hours, and no more than 30 days, prior to such activities. Requirements of notification are listed in Section (f)(1) of Rule 1466. In addition, the Executive Officer must also be notified electronically of any exceedance of the PM_{10} emission limit within 72 hours of occurrence (See Section (f)(2) of Rule 1466).

3.4 Storm Water Management

Construction activities that result in land disturbance of 1 acre or greater are regulated by the NPDES *General Permit for Storm Water Discharges Associated with Construction Activity* (Construction General Permit) administered by the State Water Resources Control Board. However, land disturbance of less than 1 acre may be identified as a "Significant Redevelopment Project" according to the City of Corona. This designation requires preparation of a Water Quality Management Plan (WQMP) per the City of Corona Public Works Department for the Site. Therefore, field work associated with the capping of AOC1 and AOC5 (less than 1 acre) requires the preparation of a WQMP in accordance with the City of Corona and/or County of Riverside guidance is required prior to initiating field work, elements of which will be incorporated into Grading Plans for the Site. Future Site activities associated with redevelopment will involve a project area of greater than 1 acre; therefore, preparation of a construction Storm Water Pollution Prevention Plan (SWPPP) will be required prior to initiation of earth disturbing activities.

3.5 Noise Management

Soil disturbing activities at the Site will be conducted from Monday through Friday between the hours of 7:00 AM and 5:00 PM, without causing a nuisance, as defined in the City of Corona municipal code. Noise will be monitored on an as-needed basis with a calibrated noise level meter at the perimeter of the Site and recorded on field logs. Whenever possible, Site workers will conduct the more noise intense activities during less intrusive times such as mid-morning to mid-afternoon. Internal combustion equipment will be equipped with proper and well-maintained mufflers. Access doors and hatches will remain closed when the units are in operation. The Site is located in an industrial area; therefore, noise is not expected to be a concern.

4.0 WASTE MANAGEMENT & CLASSIFICATION

4.1 Waste Management

Any soil removed from the areas of higher lead levels (AOC1-B3, AOC1-B17, SW-2, and SW-3) identified on Figure 3K will be placed into stockpiles and sampled. As noted previously, areas for stockpiles of excess soil will be designated prior to implementation of field activities. Areas with unpaved surfaces will have the upper surface wheel rolled and lined with thick gauge plastic sheeting prior to accepting the excess soil. Soil stockpiles will be covered with thick gauge plastic sheeting at the end of each working day and perimeter berms will be constructed to provide run-on and run-off control. Stockpiled excess material will be characterized prior to transport to an appropriate off-Site disposal facility as discussed in Section 4.2. Stockpiled soil must be transported to a permitted off-site disposal facility within 90 days.

However, soil and/or concrete containing PCBs, that has not been previously characterized, must be tested in-situ prior to excavation and cannot be stockpiled. Further details on the PCB sampling protocol will be provided to the USEPA in a PCB Removal Workplan that will be approved by USEPA prior to implementation.

Following removal of the lead and PCBs hot spot areas, the planned future redevelopment of the Site may include removal of the concrete and asphalt and over-excavation and re-compaction of the soil as part of geotechnical requirements. As the soil is of economic value, it will be the intent of the future redevelopment to reuse all soil excavated during geotechnical grading on Site. Future Site redevelopment must include construction of a cover in the area subject to the Soil Management Plan and Operation & Maintenance Plan as depicted on Figure 4A to prevent exposure to contaminated soil by future Site occupants.

4.1.1 PCBs and Lead

If Site remedial activities during capping of AOC1 and AOC5 include soil disturbance in the vicinity of lead “hot spot” areas exceeding 1,000 mg/kg, or in the event future Site redevelopment activities warrant the removal of soil from areas with elevated lead concentrations associated with sample locations AOC1-B3, AOC1-B17, SW2, and SW3, soil hot spots will be excavated and transported off-Site to Soil Safe facility in Adelanto, CA, the Waste Management facility in Kettleman Hills, CA, or another waste disposal facility subject to DTSC approval upon review of waste profile report.

As noted previously, the Site cleanup criteria for PCBs is based on the USEPA approved Site-specific industrial cleanup level of 15 mg/kg. However, McWane may elect to remove impacted soil exceeding 1 mg/kg PCBs in order to remove references to PCBs from the LUC. PCB "hot spot" areas (>15 mg/kg) in AOC6 and AOC7 are identified on Figure 4 as the area subject to PCB management in accordance with 40 CFR 761.61. In the event soil from this area is being disturbed during future Site development activities following Corrective Measures Implementation, soil with PCB concentrations of 15 ppm or greater will be removed as required by the USEPA[2], and soil with PCB concentrations greater than 1 ppm may also be removed at McWane's discretion under the oversight of the USEPA. Once sampled in-situ and characterized, excavated PCB-impacted soil will be loaded directly into labeled containers and securely covered pending transportation. Soil characterized with PCB concentrations at or above 50 ppm will be transported off-Site for disposal at a TSCA-approved facility. Soil from lead impacted areas and soil characterized with PCB concentrations below 50 ppm will be managed and transported to either the Soil Safe facility in Adelanto, CA, the Waste Management facility in Kettleman Hills, CA, or another appropriate facility in accordance with applicable federal, state, and local laws and 40 CFR 761.50(a)(6).

DTSC and USEPA notification requirements, including details associated with confirmation soil sampling for soil disturbing activities, are provided in Section 6.1.1.

4.1.2 Sampling and Analysis Plan

As noted above, in-situ sampling required for the PCB impacted material will be conducted prior to excavation. Characterization sampling for PCB impacted soil will be conducted in-situ, details of which will be provided in a PCB Workplan submitted for approval to the USEPA prior to initiation of field work activities.

Soil and impacted material from area identified on Exhibit E "Legal Description" and Exhibit D "Sketch to Accompany Legal Description" and illustrated on Figure 4A as subject to SMP and O&M Plans with lead concentration at or above 320 mg/kg will be excavated, stockpiled and sampled for waste characterization purposes to determine appropriate management and disposal requirements. Each stockpile will be uniquely numbered in consecutive order and marked in the field with labeled stakes to ensure accurate management.

For stockpiles of lead impacted soil, a sufficient number of samples will be collected to represent the volume of soil to be classified. Therefore, for stockpiles containing up to 1,000 cubic yards, a total of 6 samples will be collected (Simple Random Sampling – USEPA SW-846 Chapter 9). However, the appropriate number of samples should be verified with the selected receiving facility, including for volumes that exceed 1,000 cubic yards.

Each sample container will be labeled with the following information, as appropriate, at the time of sampling:

- Sample Number
- Sample Date
- Container Designation
- Sample Location
- Time of Sampling
- Preservatives, if any
- Sample Type
- Handling Precautions
- Requested Analyses
- Laboratory Name
- Initials of Sampling Personnel

After labeling, the laboratory samples should be placed in a cooler on ice for transportation to the appropriate laboratory. In accordance with Chapter 9, Section 9.2.2.7 of SW-846, a chain of custody record will document sample possession from the time of collection until the samples are analyzed. The record also serves as a sample inventory and analysis order form.

The chain of custody record should be completed with a waterproof pen. When possession of the samples is transferred from sampling personnel to a courier or to the laboratory, both parties will sign the chain of custody. The chain of custody record should be placed in a large resealable plastic bag inside the cooler. Sampling personnel, a courier, a laboratory representative, or a commercial carrier can transport samples to the laboratory. The laboratory should be notified of the time by which analysis must begin so that the sample holding times are not exceeded.

---

2 A PCB Removal Workplan will be submitted to the USEPA and approved prior to removal of PCB impacted soil.

Based on previous analytical results, the analytical methods required for waste classification will include one or more of the following:

- CAM 17 Metals in accordance with USEPA Methods 6010B and 7471A
- PCBs in accordance with USEPA Method 8082 with Soxhlet extraction (SW-846 Method 3500B/3540C)

4.2 Waste Classification

4.2.1 Metals

Total metals concentrations for soil that is to be disposed should initially be compared to the Toxicity Threshold Limit Concentrations (TTLC)[3] and the screening levels for Soluble Threshold Limit Concentrations (STLC)[5] and Toxicity Characteristic Leaching Potential (TCLP)[4] analyses. Additional analysis to determine soluble metal concentrations should be performed for those samples that indicate total concentrations greater than 10 times the STLC. If the constituent concentration exceeds 10 times the STLC limit but does not exceed the California TTLC limit, the California Waste Extraction Test (WET) should be performed for the specific metal, or metals, exceeding the criterion. A TCLP extraction and subsequent analysis of a constituent should be performed if the constituent total concentration exceeds 20 times the toxicity characteristic leaching procedure (TCLP) limit.

Reported concentrations exceeding the applicable TTLC and/or STLC criteria should be identified as California Hazardous Waste and concentrations exceeding the applicable TCLP criteria should be identified as RCRA Hazardous Waste. Materials to be transported off-Site for disposal must be classified and profiled in accordance with the results of the waste classification analyses. A reference containing both state and federal hazardous waste criteria is provided in Appendix B.

4.2.2 PCBs

Previous investigations identified PCB concentrations ranging up to 2,220 mg/kg at AOC-6 and AOC-7. Additional PCB impacted soil with concentrations greater than the USEPA's Site-specific industrial risk-based threshold of 15 mg/kg are not expected to be encountered. However, PCB impacted soil will be characterized in-situ and transported to the appropriate disposal facility, as noted in Section 4.1.1.

3 As defined in 22CCR 66261.24 a.2.A
4 As defined in 22CCR 66261.24 a.1.B

5.0 Transportation and Disposal

The trucks will be staged on the Site and out of traffic lanes to the extent possible. Once on the Site, the trucks will be loaded by a front-end loader. Water will be sprayed on the material to limit dust emissions during the loading process. Once loaded, the truck will proceed to the decontamination area where the load will be covered with a tarp, and material will be removed from the tires and flat surfaces of the trailer as necessary prior to leaving the Site. A stabilized entrance/exit will be used to clean the truck tires. The area outside the access gate will be swept as necessary to remove any residual material.

Each load will be issued a uniquely identified manifest for transportation and each truck will use the appropriate placard as required by the Department of Transportation. Based on previous soil characterization and off-Site disposal, it is assumed that non-hazardous material (soil, concrete, etc.) will be transported via Interstate 15/395 to the Soil Safe facility in Adelanto, CA, or another appropriate location. Depending on the characterization of PCB-impacted soil, subsequent transportation will likely be to a TSCA disposal facility such as the Waste Management facility in Kettleman, CA, or another appropriate location, subject to DTSC approval upon review of the waste profile report. After characterization, PCB impacted material not required to go to a TSCA disposal facility and lead impacted soil will be transported to either a non-hazardous, Cal-haz, or RCRA disposal facility, as appropriate.

Trucks leaving the Site will travel west on Magnolia Street to the entrance of Interstate 15. The trucks will be operated Monday through Friday between 7:00 AM and 5:00 PM only and avoid leaving the Site during peak traffic hours. A hazardous materials response company will be available on an on-call basis for response to any accidents involving the trucks utilized to transport Site wastes.

5.1 Disposal Facility

The proposed off-Site disposal facilities identified above should be contacted to determine if their environmental permits have additional required laboratory testing requirements for the acceptance of soil from the Site. Waste classification/profiling by a proposed disposal facility may include additional or modified parameters. Therefore, the specific list of analyses should be verified with the selected receiving facility. The property owner is responsible for appropriate management of waste soil that is transported off-Site. Laboratory reports and facility disposal information associated

with waste characterization will also be provided to the DTSC prior to transportation off-Site

6.0 IMPLEMENTATION OF SOIL MANAGEMENT PLAN

6.1 Responsibilities

The property owner has ultimate responsibility for following the SMP, HASP, LUC, and grading plan/permit (See Appendix D). The property owner shall oversee implementation of this SMP at the Site. In addition, the property owner shall make available a copy of the SMP to contractors performing soil disturbance activities at the Site. The contractor shall be responsible for adhering to this SMP, following project specifications, and ensuring job site safety. The contractor also is responsible for providing a copy of the SMP to its subcontractors.

6.1.1 Notifications

McWane will notify DTSC and/or the USEPA, as appropriate, at a minimum 30 days prior to any soil disturbing activity at the Site as described in the LUC as Exhibit C, "Legal Description" and/or illustrated in Exhibit D, "Sketch", also illustrated in Figure 4A as the "Area subject to SMP and O&M Plan (lead concentrations > 320 mg/kg)".

a. Notification of soil disturbing activities associated with lead and/or PCB "hot spot" areas will include details of the excavation activities and associated confirmation sampling protocol using the timeline provided below: McWane will notify DTSC 30 days prior to excavation of lead impacted soil (>1,000 mg/kg) (Figure 3K). The notification will include a detailed excavation, disposal, transportation route, and confirmation soil sampling plan and field work schedule. DTSC approval is required before initiating work.
b. McWane will notify USEPA 30 days prior to excavation of PCB impacted soil (>1 mg/kg) (Figure 3F and Figure 3G). In addition, USEPA approval is required before initiating any future work proposed that will impact the soil, concrete, and/or asphalt with PCB levels over 1 ppm.

6.2 Reporting

Following completion of soil disturbing and associated off-Site disposal activities, a final report will be prepared documenting the results of such activities. The report will summarize on-Site activities, provide figures illustrating soil disturbing activities, and will provide the associated supporting documentation including but not limited to, laboratory data, including waste characterization and confirmation sampling; air monitoring; field sampling data; field notes; pictures; and waste manifest documents. The report will be submitted to the DTSC and the USEPA within 30 days from

receiving the manifests from the destination disposal facility.

7.0 REFERENCES

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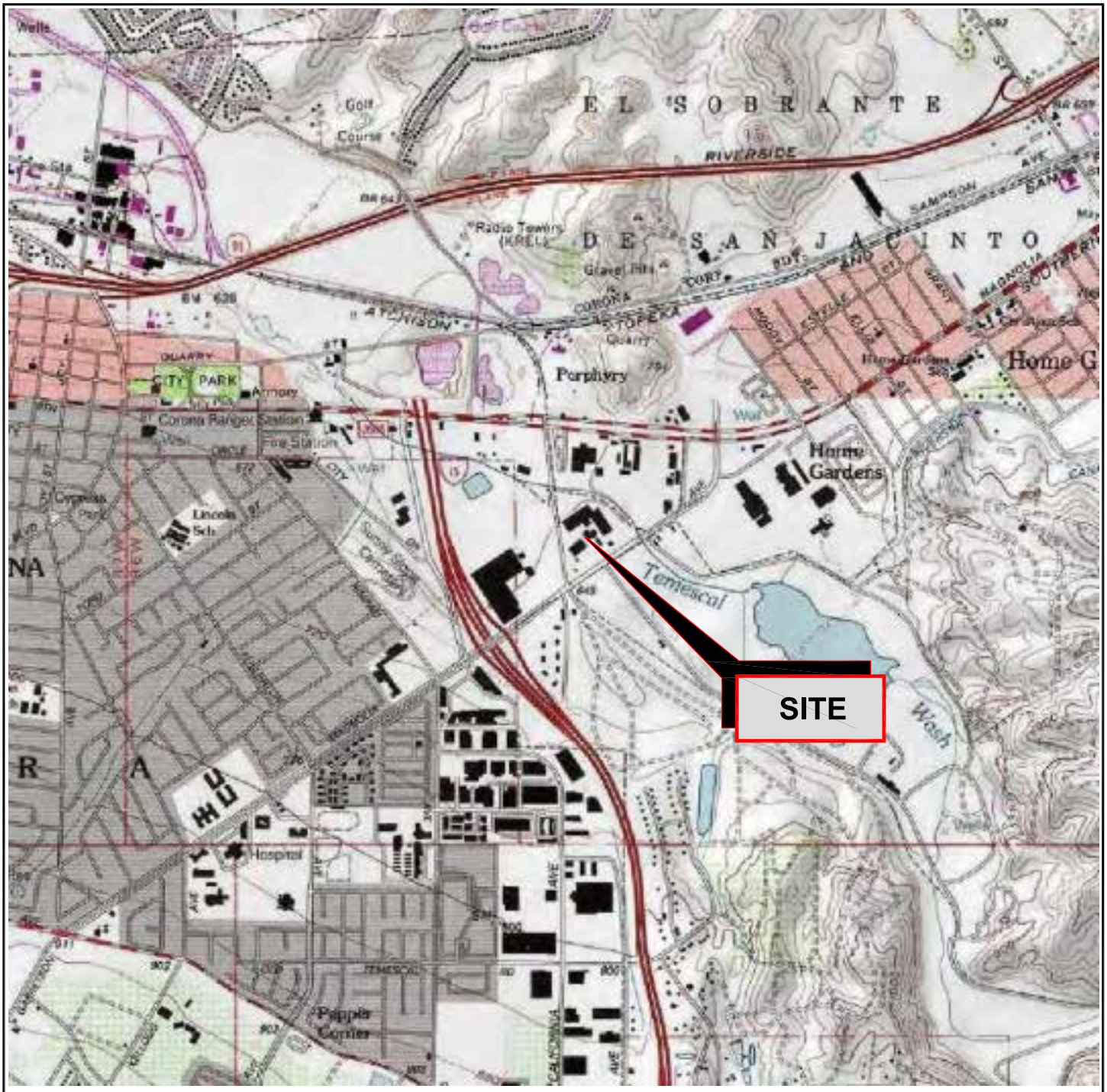
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Fero. 2009. Corrective Measures Workplan. Report of Findings. Clow Valve Company, 1375 Magnolia Avenue, Corona, California 93446. EPA ID Number CAD063115133. March 2009.

FIGURES



FROM: U.S. GEOLOGICAL SURVEY, 1997
QUADRANGLE: CORONA SOUTH
COUNTY: RIVERSIDE
SERIES: 7.5-MINUTE QUAD

NOTE: ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE

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SCALE

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

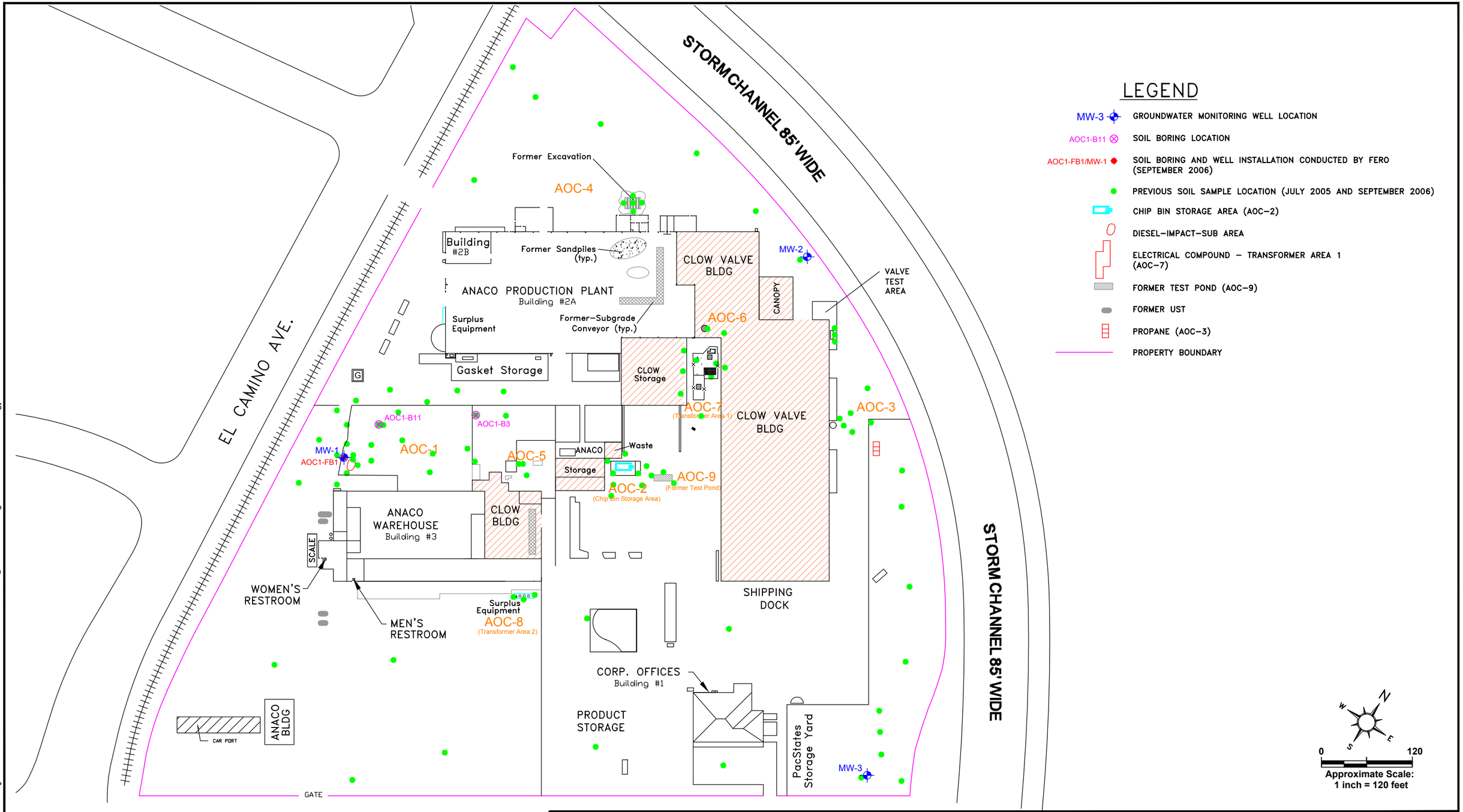
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1914 W. ORANGEWOOD AVENUE, SUITE 102, ORANGE, CA 92868

VICINITY MAP

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LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

0 120

Approximate Scale:
1 inch = 120 feet

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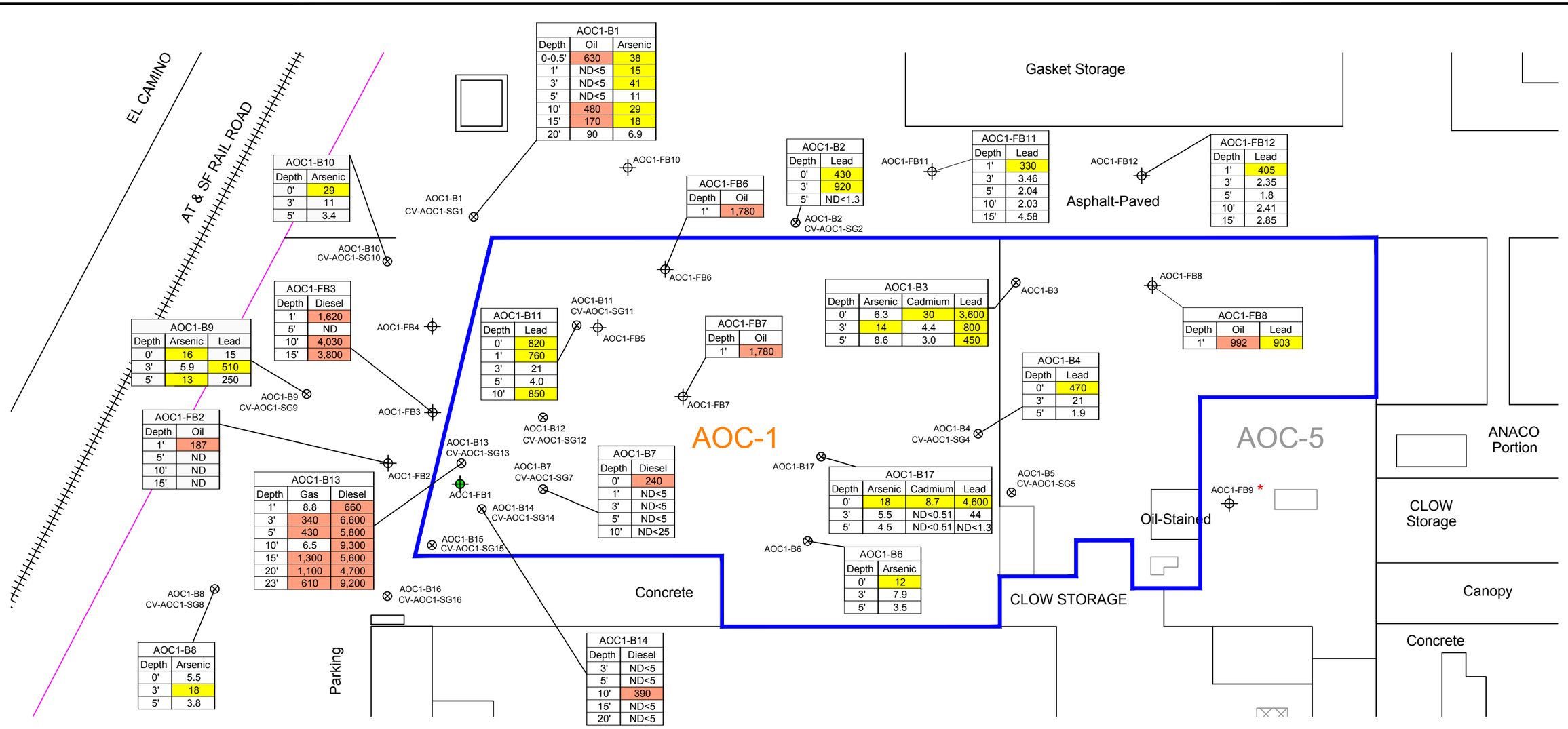
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SITE PLAN

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LEGEND

- AOC7-B3 ⊗ — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- AOC1-FB7 ⊕ — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC1-FB1 ⊕ — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- * — ORIGINALLY IDENTIFIED AS AOC1-FB9
- PROPOSED AREA OF CAPPING AT AOC-1 (UNPAVED)

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. November 2015. HQ=1.0
(1) = General California Background Concentration (DTSC, January 2009)
(2) = DTSC HHRA Note 3 (August 2017)
(3) = OEHHA CHHSL (September 2009)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

	LUFT	RSLs
TPH-gas	100	--
TPH-diesel	100	--
TPH-oil	100	--
Arsenic	--	12 (1)
Cadmium	--	7.3 (2)
Lead	--	320 (3)

N W E S
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Approximate Scale: 1 inch = 30 feet

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CORONA, CA 92879

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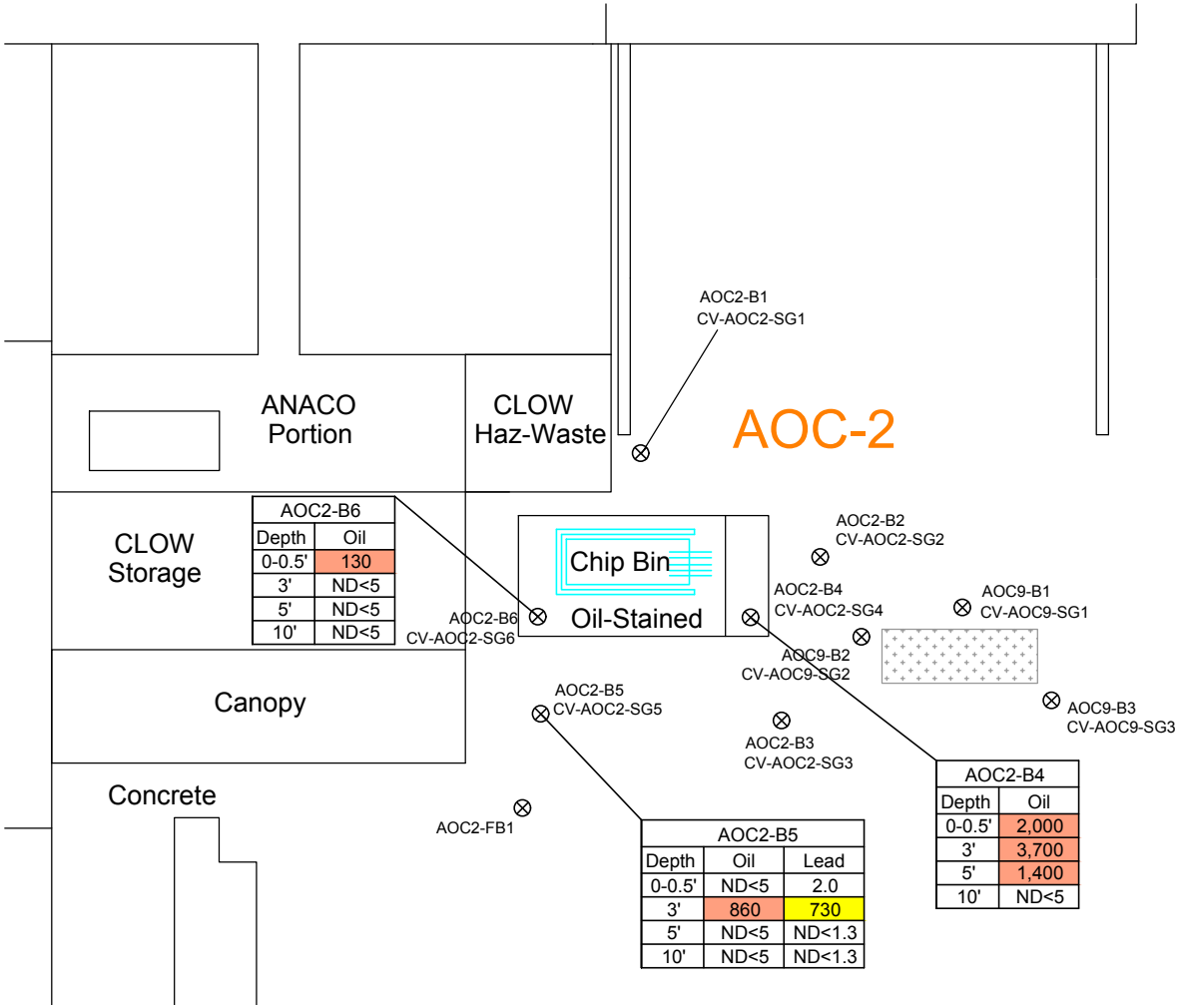
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AOC1 - RAIL SPUR AREA

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AOC2-B6	
Depth	Oil
0-0.5'	130
3'	ND<5
5'	ND<5
10'	ND<5

AOC2-B4	
Depth	Oil
0-0.5'	2,000
3'	3,700
5'	1,400
10'	ND<5

AOC2-B5		
Depth	Oil	Lead
0-0.5'	ND<5	2.0
3'	860	730
5'	ND<5	ND<1.3
10'	ND<5	ND<1.3

LEGEND

AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

	LUFT	RSLs
TPH-oil	100	--
Lead	--	320 (2)

N W E S

0 30

Approximate Scale: 1 inch = 30 feet

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CORONA, CA 92879

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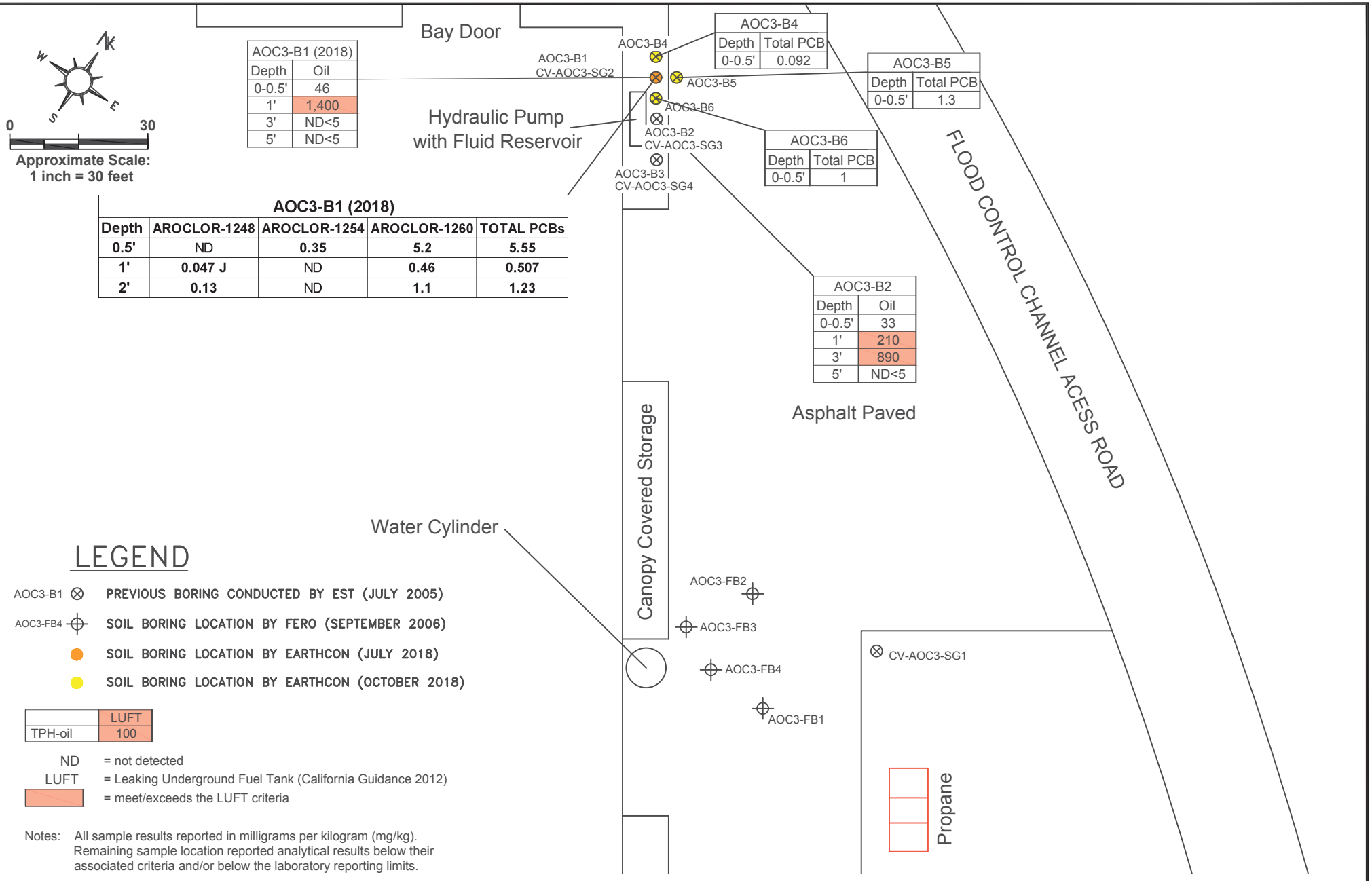
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AOC 2 - CHIP BIN AREA

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AOC3-B1 (2018)

Depth	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	TOTAL PCBs
0.5'	ND	**0.35**	**5.2**	**5.55**
1'	**0.047 J**	ND	**0.46**	**0.507**
2'	**0.13**	ND	**1.1**	**1.23**

LEGEND

AOC3-B1 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

AOC3-FB4 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)

● SOIL BORING LOCATION BY EARTHCON (JULY 2018)

● SOIL BORING LOCATION BY EARTHCON (OCTOBER 2018)

	LUFT
TPH-oil	100

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

CLOW VALVE

1375 MAGNOLIA AVENUE

CORONA, CA 92879

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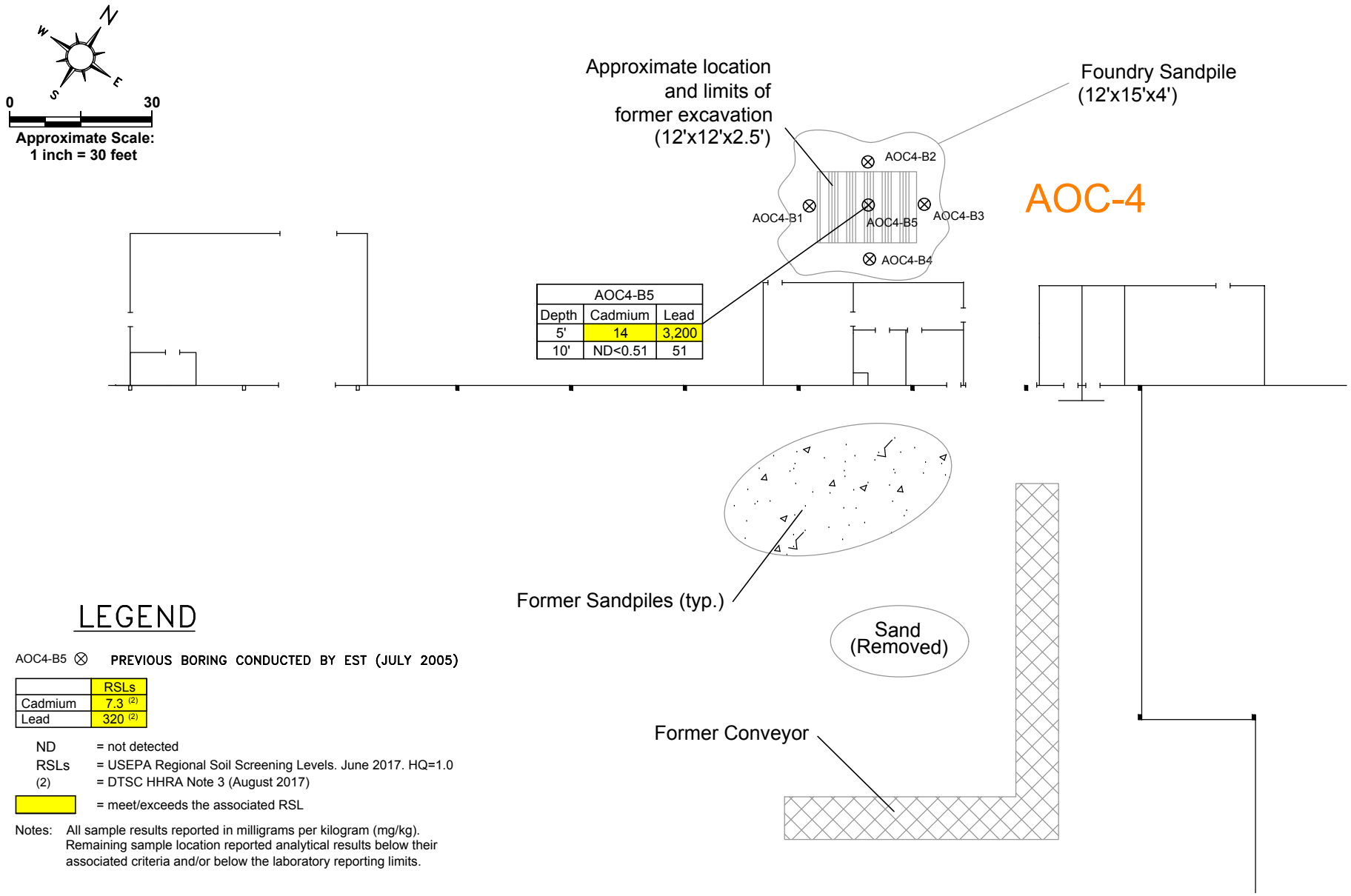
1500 SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 3 - WATER PRESSURE TEST AREA

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LEGEND

AOC4-B5 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

	RSLs
Cadmium	7.3 (2)
Lead	320 (2)

ND = not detected
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

CLOW VALVE
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CORONA, CA 92879

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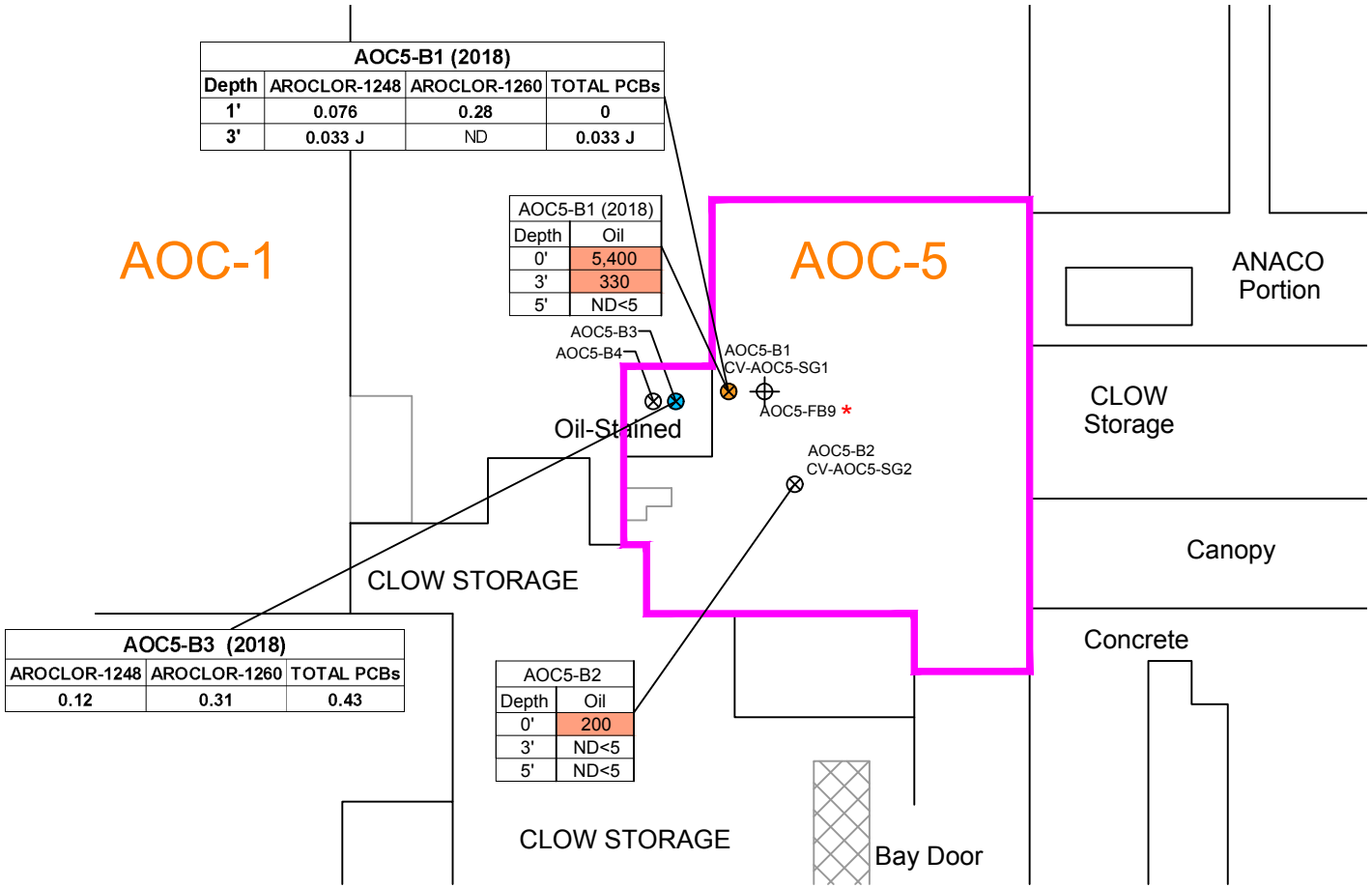
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AOC 4 - FORMER IRON
FOUNDRY SAND CLEANUP AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3D

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LEGEND

AOC5-FB9 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

AOC5-B2 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)

● SOIL BORING LOCATION BY EARTHCON (JULY 2018)

● CONCRETE SAMPLE LOCATION BY EARTHCON (JULY 2018)

* ORIGINALLY IDENTIFIED AS AOC1-FB9

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

= Proposed Area of Capping at AOC- 5 (Primarily Unpaved)

	LUFT
TPH-oil	100

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

N W E S

0 30

Approximate Scale:
1 inch = 30 feet

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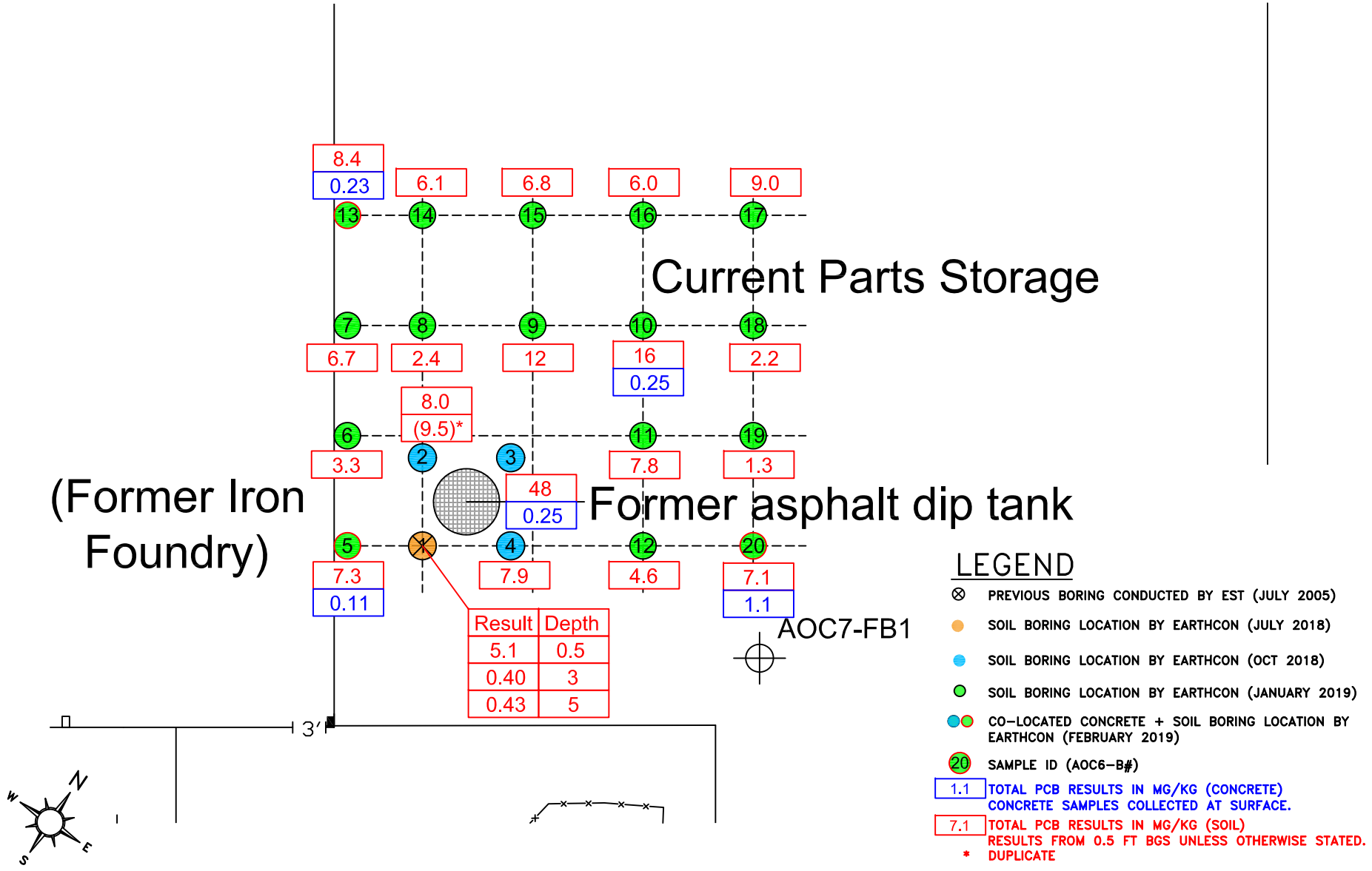
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 5 - OIL STAINED PAD AREA
PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	03/26/20	3E

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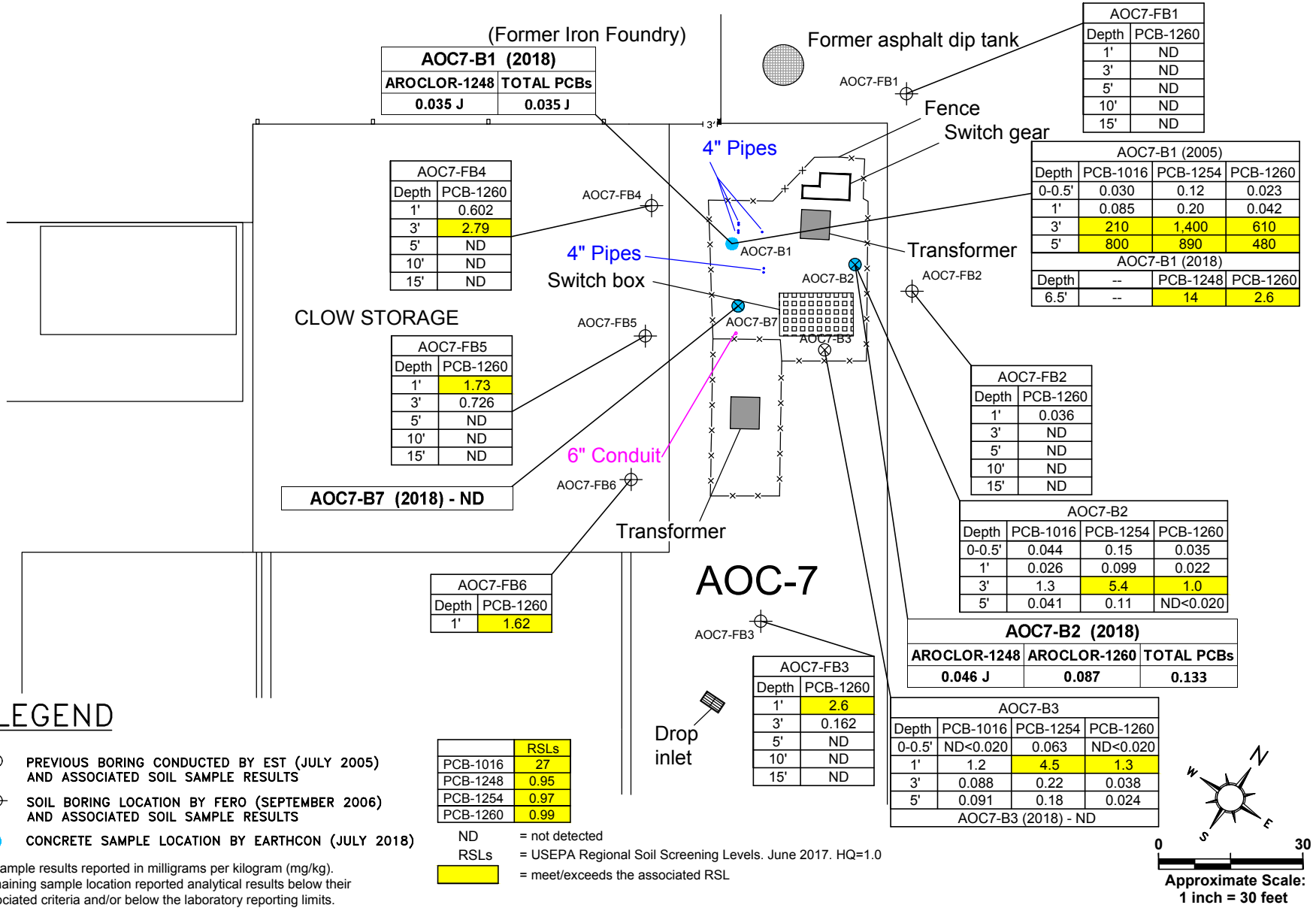
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 6 - FORMER ASPHALT DIP TANK AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3F

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AOC7-B1 (2018)	
AROCLOR-1248	TOTAL PCBs
0.035 J	0.035 J

AOC7-FB1	
Depth	PCB-1260
1'	ND
3'	ND
5'	ND
10'	ND
15'	ND

AOC7-B1 (2005)			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	0.030	0.12	0.023
1'	0.085	0.20	0.042
3'	210	1,400	610
5'	800	890	480
AOC7-B1 (2018)			
Depth	--	PCB-1248	PCB-1260
6.5'	--	14	2.6

AOC7-FB4	
Depth	PCB-1260
1'	0.602
3'	2.79
5'	ND
10'	ND
15'	ND

AOC7-FB5	
Depth	PCB-1260
1'	1.73
3'	0.726
5'	ND
10'	ND
15'	ND

AOC7-FB2	
Depth	PCB-1260
1'	0.036
3'	ND
5'	ND
10'	ND
15'	ND

AOC7-B2			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	0.044	0.15	0.035
1'	0.026	0.099	0.022
3'	1.3	5.4	1.0
5'	0.041	0.11	ND<0.020

AOC7-B2 (2018)		
AROCLOR-1248	AROCLOR-1260	TOTAL PCBs
0.046 J	0.087	0.133

AOC7-FB6	
Depth	PCB-1260
1'	1.62

AOC7-FB3	
Depth	PCB-1260
1'	2.6
3'	0.162
5'	ND
10'	ND
15'	ND

AOC7-B3			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	ND<0.020	0.063	ND<0.020
1'	1.2	4.5	1.3
3'	0.088	0.22	0.038
5'	0.091	0.18	0.024
AOC7-B3 (2018) - ND			

LEGEND

AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005) AND ASSOCIATED SOIL SAMPLE RESULTS

AOC7-FB6 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006) AND ASSOCIATED SOIL SAMPLE RESULTS

● CONCRETE SAMPLE LOCATION BY EARTHCON (JULY 2018)

	RSLs
PCB-1016	27
PCB-1248	0.95
PCB-1254	0.97
PCB-1260	0.99

ND = not detected

RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0

= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

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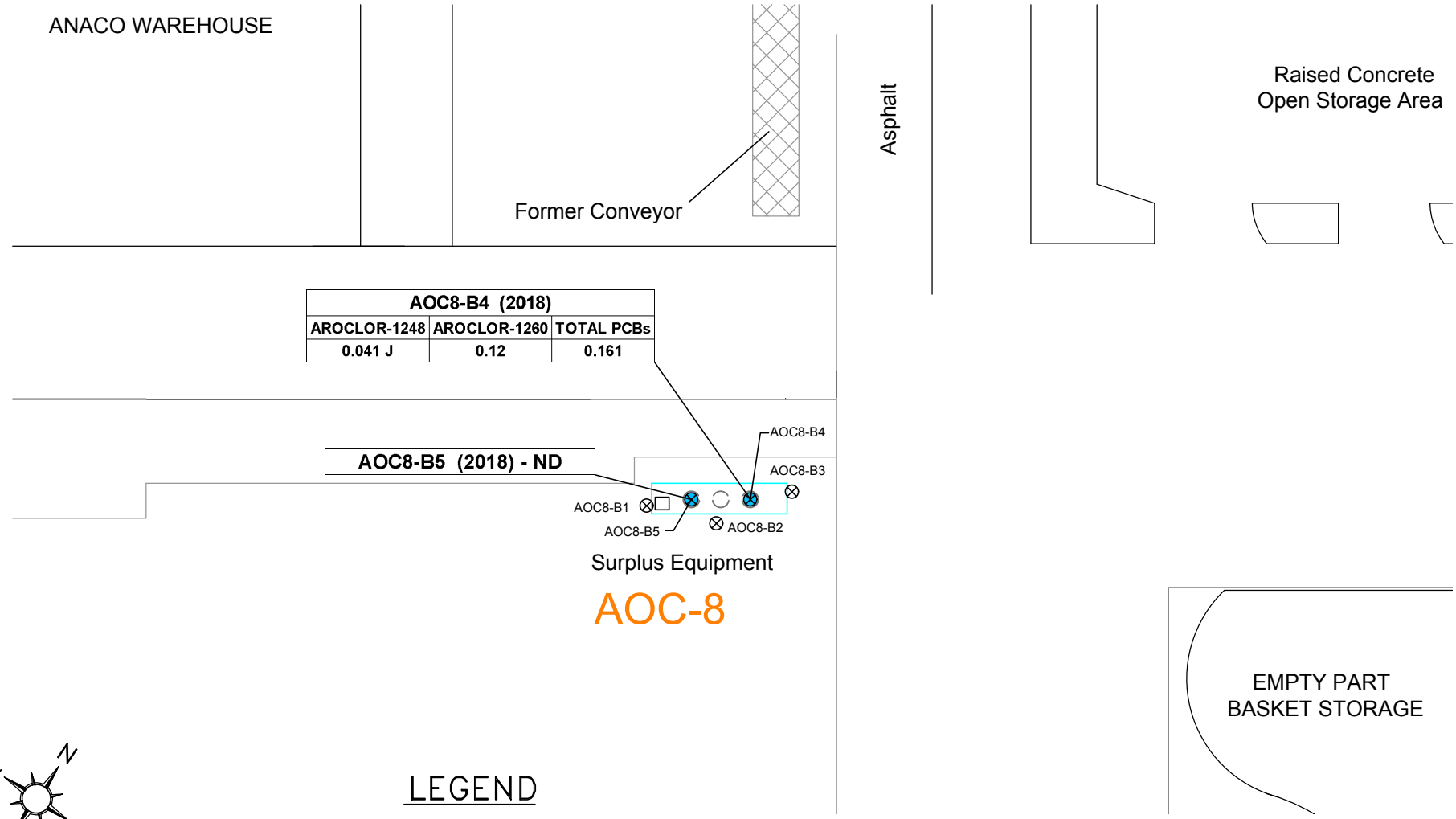
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AOC 7 - TRANSFORMER AREA 1

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3G

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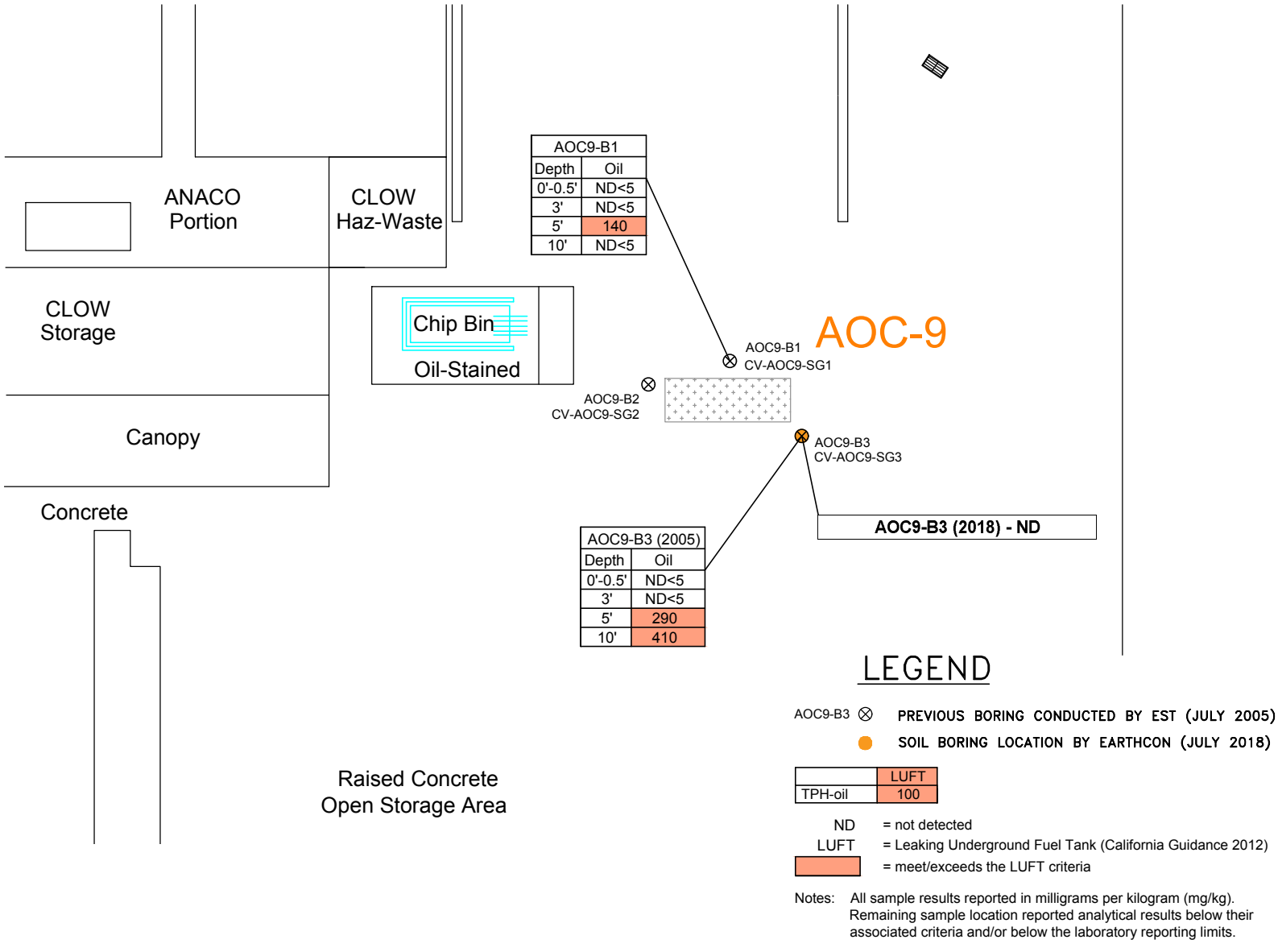
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AOC 8 - TRANSFORMER AREA 2
PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3H

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AOC 9 - FORMER TEST POND PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3I

FILENAME:S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3EFHI.dwg (3I (AOC9)) 10/18/19 10:47 - kgyawall

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SW2			
Depth	Arsenic	Cadmium	Lead
1'	6.28	43.9	7,360
3'	24.6	ND	5.25
5'	10.0	ND	4.16

CV-BG3	
Depth	Lead
1'	360
3'	130
5'	3.6
10'	3.3
15'	4.9
20'	3.2
25'	6.6

SW1		
Depth	Arsenic	Lead
1'	3.37	828
3'	17.2	2.41
5'	6.28	2.23

SW3		
Depth	Cadmium	Lead
1'	25	4,650
3'	ND	74.1
5'	ND	253

SW4	
Depth	Lead
1'	209
3'	185
5'	352

SW5	
Depth	Lead
1'	218
3'	533
5'	1.98

SW6	
Depth	Lead
1'	239
3'	182
5'	897

CV-BG4	
Depth	Diesel
1'	ND<5
3'	ND<5
5'	ND<5
10'	ND<5
15'	110
20'	ND<5

SW21	
Depth	Arsenic
1'	52.9
3'	1.68
5'	2.11

CV-BG2	
Depth	Hex Cr
1'	ND<0.5
3'	4.2
5'	3.3
10'	ND<0.5
15'	ND<0.5
20'	6.6

LEGEND

- CV-BG4 — BACKGROUND SOIL BORING BY EST (JULY 2005)
- AOC7-B3 — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- SW9 — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC1-FB1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)

	LUFT	RSLs
TPH-diesel	100	--
Arsenic	--	12 (1)
Cadmium	--	7.3 (2)
Hex Cr	--	6.3
Lead	--	320 (2)

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(1) = General California Background Concentration (DTSC, January 2009)
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

STORM CHANNEL 85' WIDE

EL CAMINO AVE.

Former Excavation

Building #2B

Former Sandpiles (typ.)

CLOW VALVE BLDG

ANACO PRODUCTION PLANT
Building #2A

CANOPY

VALVE TEST AREA

Surplus Equipment

Former-Subgrade Conveyor (typ.)

Gasket Storage

CLOW Storage

ANACO

Waste

Storage

ANACO WAREHOUSE
Building #3

CLOW BLDG

SCALE

Surplus Equipment

SHIPPING DOCK

CORP. OFFICES
Building #1

PRODUCT STORAGE

PacStates Storage Yard

CAR PORT

ANACO BLDG

GATE

MAGNOLIA AVE

SW1 SW2 SW3 SW4 SW5 SW6 SW7 SW8 SW9 SW10 SW11 SW12 SW13 SW14 SW15 SW16 SW17 SW18 SW19 SW20 SW21

CV-BG1 CV-BG2 CV-BG3 CV-BG4

0 120

Approximate Scale: 1 inch = 120 feet

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BACKGROUND AND SITEWIDE SOIL BORINGS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3J

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SW2	
Depth (ft)	Lead (mg/kg)
1	7,350

SW3	
Depth (ft)	Lead (mg/kg)
1	4,650

AOC1-B3	
Depth (ft)	Lead (mg/kg)
0	3,600

AOC1-B11	
Depth (ft)	Lead (mg/kg)
0	4,600

STORM CHANNEL 85' WIDE

EL CAMINO AVE.

Former Excavation

AOC-4

Building #2B

Former Sandpiles (typ.)

ANACO PRODUCTION PLANT
Building #2A

Surplus Equipment

Former-Subgrade Conveyor (typ.)

Gasket Storage

CLOW VALVE BLDG

CANOPY

MW-2

VALVE TEST AREA

AOC-6

CLOW Storage

AOC-7
(Transformer Area 1)

CLOW VALVE BLDG

AOC-3

AOC1-B11

AOC1-B3

MW-1

AOC1-FB1

AOC-1

AOC-5

ANACO Storage

Waste

AOC-9
(Former Test Pond)

AOC-2
(Chip Bin Storage Area)

ANACO WAREHOUSE
Building #3

CLOW BLDG

SCALE

WOMEN'S RESTROOM

MEN'S RESTROOM

Surplus Equipment

AOC-8
(Transformer Area 2)

SHIPPING DOCK

CORP. OFFICES
Building #1

PRODUCT STORAGE

PacStates Storage Yard

MW-3

CAR PORT

ANACO BLDG

GATE

MAGNOLIA AVE

LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND - TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

Notes: Sample results reported in milligrams per kilogram (mg/kg).

Remaining sample locations reported analytical results below their associated criteria and/or below the laboratory reporting limits.

N W E S

0 120

Approximate Scale:
1 inch = 120 feet

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SHALLOW SOIL SAMPLES WITH LEAD EXCEEDING 1,000 MG/KG

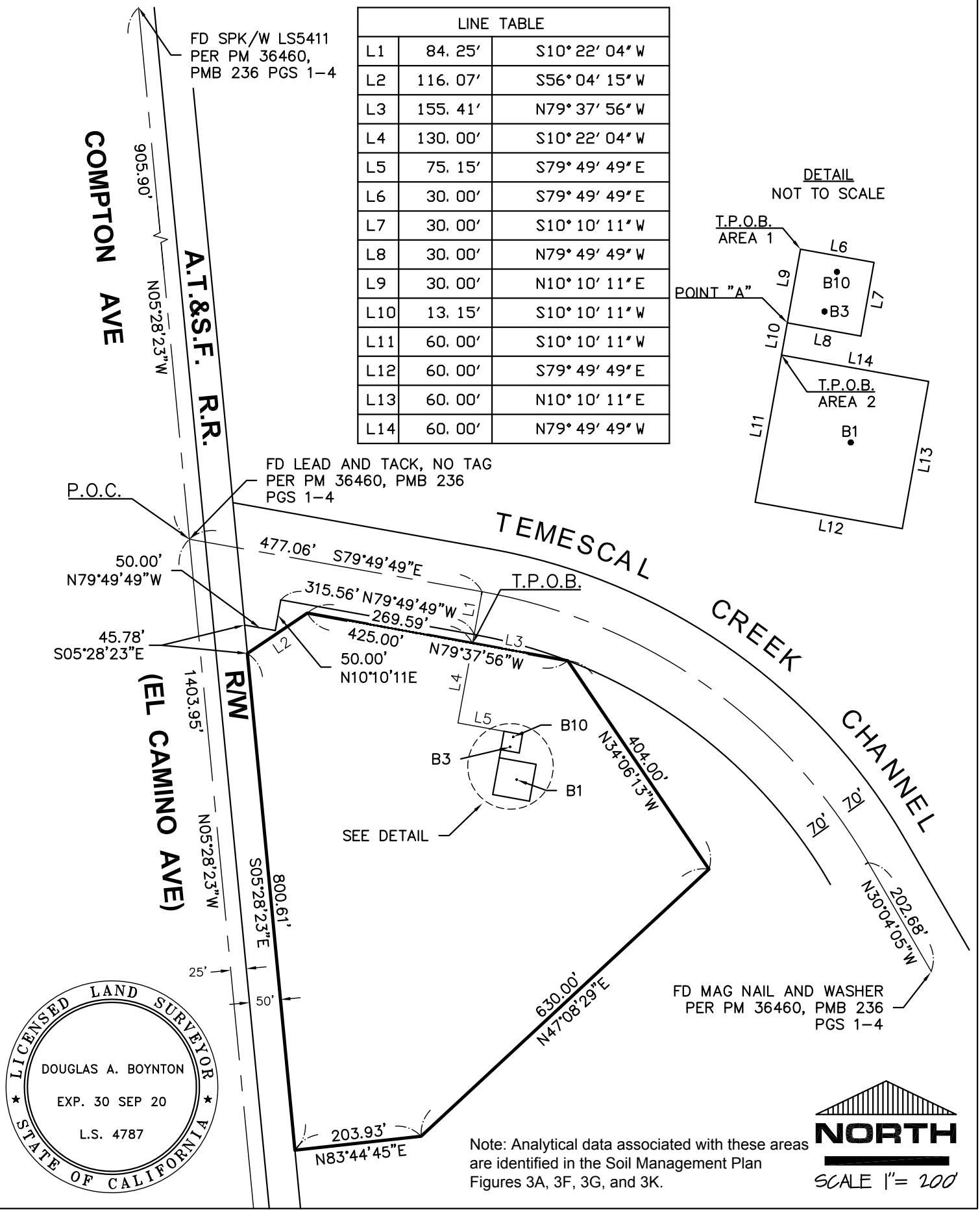
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KG	JB	12/28/20	3K

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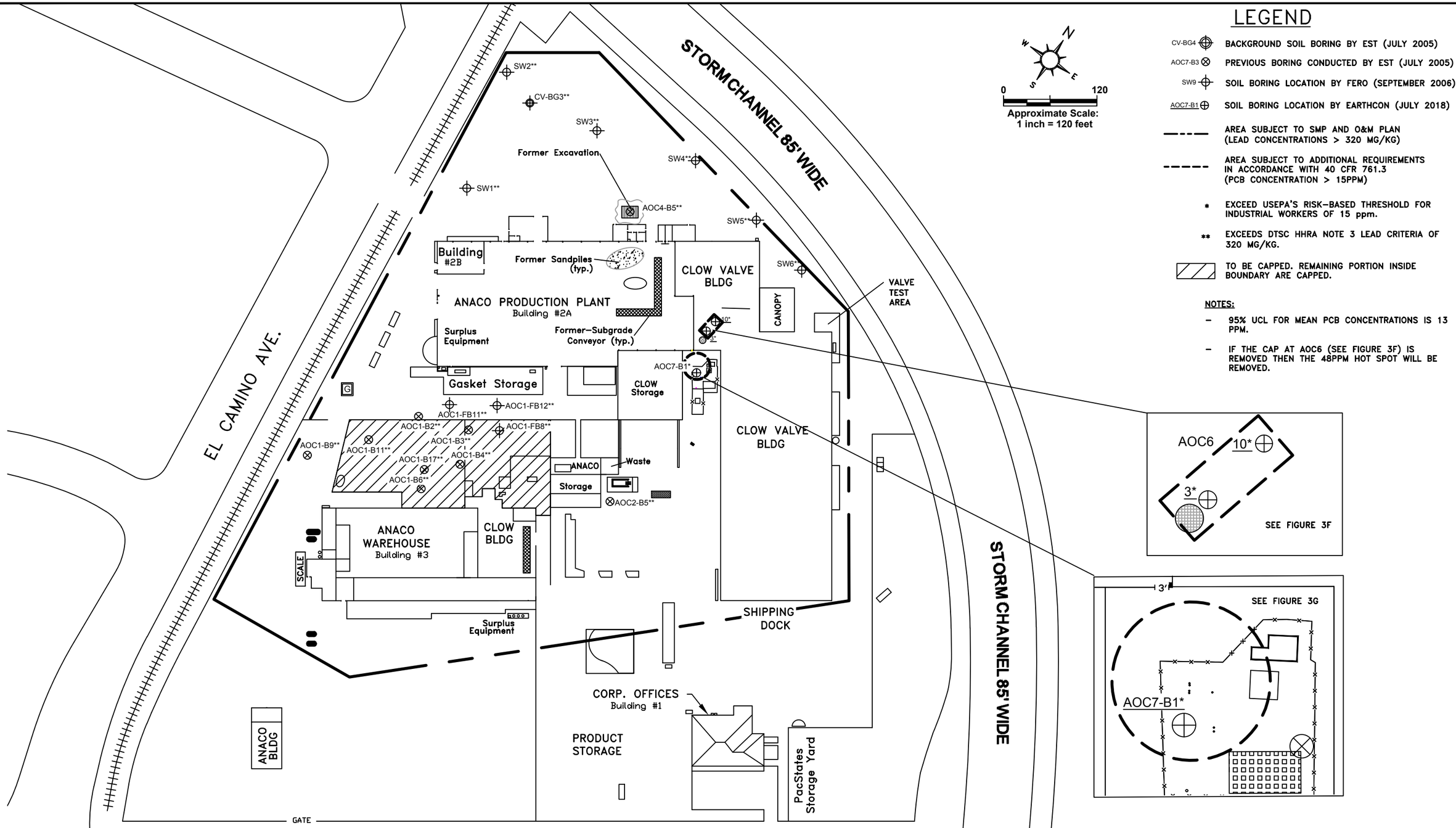
FIGURE 4

SURVEY OF AREA SUBJECT TO LAND USE COVENANT



LINE TABLE		
L1	84. 25'	S10° 22' 04" W
L2	116. 07'	S56° 04' 15" W
L3	155. 41'	N79° 37' 56" W
L4	130. 00'	S10° 22' 04" W
L5	75. 15'	S79° 49' 49" E
L6	30. 00'	S79° 49' 49" E
L7	30. 00'	S10° 10' 11" W
L8	30. 00'	N79° 49' 49" W
L9	30. 00'	N10° 10' 11" E
L10	13. 15'	S10° 10' 11" W
L11	60. 00'	S10° 10' 11" W
L12	60. 00'	S79° 49' 49" E
L13	60. 00'	N10° 10' 11" E
L14	60. 00'	N79° 49' 49" W

Note: Analytical data associated with these areas are identified in the Soil Management Plan Figures 3A, 3F, 3G, and 3K.



LEGEND

- CV-BG4 — BACKGROUND SOIL BORING BY EST (JULY 2005)
- AOC7-B3 — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- SW9 — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC7-B1 — SOIL BORING LOCATION BY EARTHCON (JULY 2018)
- AREA SUBJECT TO SMP AND O&M PLAN (LEAD CONCENTRATIONS > 320 MG/KG)
- AREA SUBJECT TO ADDITIONAL REQUIREMENTS IN ACCORDANCE WITH 40 CFR 761.3 (PCB CONCENTRATION > 15PPM)
- * EXCEED USEPA'S RISK-BASED THRESHOLD FOR INDUSTRIAL WORKERS OF 15 ppm.
- ** EXCEEDS DTSC HHRA NOTE 3 LEAD CRITERIA OF 320 MG/KG.
- TO BE CAPPED. REMAINING PORTION INSIDE BOUNDARY ARE CAPPED.

NOTES:

- 95% UCL FOR MEAN PCB CONCENTRATIONS IS 13 PPM.
- IF THE CAP AT AOC6 (SEE FIGURE 3F) IS REMOVED THEN THE 48PPM HOT SPOT WILL BE REMOVED.

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SITE PLAN WITH AREAS SUBJECT TO THE LAND USE COVENANT

DRAWN:	CHECKED:	DATE:	FIGURE:
AB	JB	06/21/2021	4A

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APPENDICES

APPENDIX A

PROJECT HEALTH & SAFETY PLAN (HASP)

Corrective Measures Study
Clow Valve
1375 Magnolia Avenue
Corona, California

EarthCon Project No. 04.20150013.00

August 22, 2016
Revised October 2, 2017

Project Health and Safety Plan (HASP)

Project Name: Corrective Measures Study - Clow Valve
1375 Magnolia Avenue
Corona, California

Project Number: 04.20150013.00

Prepared by:	Jennifer McGervey EarthCon Consultants CA, Inc.	8/19/16
Project Manager:	Jeff Bennett, PG EarthCon Consultants CA, Inc.	8/19/16
Approved by:	J. Ryan Clarke EarthCon HASP Reviewer	08/20/2016

Brief Description of Amendment	**Amendment Date**
Update field scope to include capping; updated dust action level;	10/2/17
Update of EarthCon H&S personnel	10/2/17

Health and Safety Plan Consent Agreement

Because of the potentially hazardous nature of this site and activity occurring at the site, it is not possible to discover, evaluate, and provide protection for all possible hazards that may be encountered. Strict adherence to the health and safety guidelines set forth in this document will reduce, but may not eliminate, the potential for injury and illness at this site. Guidelines in this Plan were prepared specifically for this site and should not be used on any other site without prior evaluation by trained health and safety personnel.

Site workers must also review this HASP. The Site Safety Officer (SSO) must conduct a pre-work briefing prior to initiating this project. All sections of this HASP must be reviewed during this briefing and documented via **Appendix A**. Any worker not attending the initial meeting must be trained by the SSO on the information covered in the pre-work briefing meeting. ***The SSO must hold tailgate meetings at the beginning of each work shift to discuss important safety and health issues concerning tasks to be performed on that day.*** After reading the HASP and attending a pre-work briefing, workers must sign the following acknowledgment statement.

I have read, understand, and will abide by the information set forth in this HASP. I have also attended a pre-work briefing. I agree to perform my work in accordance with this HASP **(See Appendix F).**

Name (Print)		Signature	Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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Figure 1: Vicinity Map
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Table 1: Key Personnel and Health & Safety Responsibilities
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Table 3: General Safe Work Practices
Table 4: Hazard Analysis
Table 5: Potential Contaminants of Concern
Table 6: Emergency Response Contacts
Table 7: Emergency Response Procedures

Appendix A: Site Safety Meeting Minutes
Appendix B: Safety Data Sheet
Appendix C: Chemical Information
Appendix D: Hazard Mitigators
Appendix E: Personal Protective Equipment
Appendix F: Contractor and Outside Company HASP Consent Agreement
Appendix G: OSHA Onsite Training Document Form
Appendix H: Health & Safety Inspection Check list

1.0 HASP SUMMARY INFORMATION

The first phase of this project is anticipated to include the collection of soil samples, using a direct push drill rig, at a total depth of 10 feet below ground surface (ft bgs) and installation of two groundwater monitoring wells. The second phase is to implement the CMS activities which includes removing impacted soil, collection of soil confirmation samples, and capping the identified exposed surfaces. This HASP will be updated or amended, as necessary, to reflect any changes that may be encountered. Personnel responsibilities are described in **Table 1** and personnel training requirements are provided in **Table 2.**

Project Name…….	Corrective Measures Study
Project Location…..……..…….	Clow Valve 1375 Magnolia Avenue Corona, California (see Figures 1 and 2)
Project Number…….	04.20150013.00
Project Manager……	Jeff Bennett714-500-5400 ext.5454
Start Date / End Date	September 2016-October 2016
Site Safety Officer(s)…….	Tim Eyres
Client Contact	Larry Bowers 256-388-0001
Supervisor……...	Jeff Bennett 714-500-5400 ext. 5454
Regional Health & Safety Coordinator…..	Hugh Walker, Jr. – 662-871-8753 (Cell)
Planned Activities……..	Monitoring well install & sampling; soil sampling, capping
Chemical Hazards…….	PCBs, Lead, Cadmium, Arsenic, Diesel, Gasoline
Initial PPE……..	Level D
Emergency Phone……..	**911**
Hospital Information……	**(951) 737-4343** **Corona Regional Medical Center** **800 S Main St, Corona, CA 92882**

2.0 INTRODUCTION

This HASP serves the following purposes:

- Identifies and describes the potentially hazardous substances and working conditions that may be encountered during the field work;
- Specifies personal protective and monitoring equipment to be used during onsite activities; and
- Outlines measures to be implemented in the event of an emergency.

2.1 Site Location and Description

The Site is southwest corner of the intersection at 1375 Magnolia Avenue in Corona, California. **Figure 1** shows the site location. **Figure 2** provides a site layout for the facility. It is identified as Riverside County Assessor Parcel Number 107-030-022-3 and covers approximately 16 acres. Approximately 60% of the property is currently used for machining, product finishing and testing, and product storage. The remaining 40% includes asphalt-paved parking areas and unpaved areas. Unused foundry buildings, small offices and open areas are leased to other tenants.

2.2 Project Objectives

EarthCon will collect soil samples to assess the extent of soil contamination on-Site. The soil samples will be managed according to the workplan protocol.

EarthCon will provide oversight of advancement for well installation using a subcontracted drilling company. EarthCon will collect and manage water samples according to the workplan protocol.

EarthCon will provide oversight of the grading and asphalt cap placement associated with AOC-1 and AOC-5.

The ultimate objective is to conduct all activities in a safe and compliant manner.

2.3 Personnel Requirements and Responsibilities

Provisions of this HASP apply to all EarthCon personnel and subcontractors that will be participating in the above noted field activities. On-site personnel will be required to review the HASP prior to commencement of field activities and conduct all field activities in accordance with plan specifications. Other personnel on the site are expected to follow the provisions of the health and safety procedures outlined in this HASP as a minimum base standard but will retain full responsibility for the health and safety of their own employees or sub-subcontractors.

General safe work practices that must be implemented during work activities at this site are included in **Table 3**.

EarthCon considers each subcontractor to be an expert in all aspects of the work operations which they are tasked to provide, and each subcontractor is responsible for compliance with those regulatory and/or legal requirements which pertain to those services. While the EarthCon HASP will be the minimum H&S requirements for the work completed by EarthCon and its subcontractors, each subcontractor, in coordination with EarthCon's H&S personnel, is expected to perform its operations in accordance with its own H&S plans, policies and procedures unique to the subcontractor's work to ensure that hazards associated with the performance of the subcontractor's work activities are properly controlled. Copies of any required safety documentation for a subcontractor's work activities will be provided to EarthCon for review prior to the start of on-site activities. No review of any subcontractor plan or document by EarthCon will serve as an approval or ratification of such plan by or on behalf of EarthCon, and no such review will operate as any assumption of any duty or responsibility on the part of EarthCon (or any EarthCon employee or representative) for or as to any aspect of any subcontractor's own H&S responsibilities. Any comments or feedback from EarthCon to any subcontractor following any review by EarthCon of any subcontractor document or practice is provided solely for informational purposes and not for reliance.

In the event that the subcontractor's procedures/requirements conflict with requirements specified in this HASP, the more stringent guidance will be adopted after discussion and agreement between the subcontractor and EarthCon project H&S personnel. Hazards not listed in this HASP, but known to the subcontractor or known to be associated with the subcontractor's services, must be identified by the subcontractor and addressed to the EarthCon Project Manager prior to beginning work operations.

EarthCon personnel who have responsibility for the safe operations of this project include the Project Manager (PM), EarthCon Corporate Safety and Health Manager (CSHM), the Site Safety Officer (SSO) and the Project Field Staff. Responsibilities of each of the above referenced personnel as they relate to project safety and health are provided in **Table 1**.

2.4 Site Control

Site control procedures must be implemented **before** the start of site tasks to control worker exposures to hazardous substances. A Vicinity Map that shows the site location is included as **Figure 1**. A Site Layout Plan with proposed sampling locations is included as **Figure 2**. Changes may be made to the site map by the SSO, as needed, based on site conditions. The site map should be posted in the work area and/or field notebook.This site control program is designed to reduce the spread of hazardous substances from contaminated areas to clean areas, to identify and isolate contaminated areas of the site, to facilitate emergency evacuation and medical care, to prevent unauthorized entry to the site, and to deter vandalism and theft. The Site Safety Officer is responsible for evaluating site conditions and for verifying that the

site control program functions effectively. The site control program will be updated regularly to reflect current site conditions, work operations, and procedures.

2.4.1 Site Access

Access to the site shall be controlled using the following method(s):

☐	Security fence	☒	Temporary barricades and/or warning tape
☐	Sign in/Sign out log	☐	Guard
☐	Identification badges	☐	Other: Onsite Manager

2.4.2 Work Zones

Restricted work zones may be established to limit the spread of hazardous substances (when applicable) by workers from potentially affected areas to non-affected areas. The exact location and extent of the work zones will be modified as necessary as site investigation information becomes available. Delineation of work zones is as follows:

- Exclusion Zone: The Exclusion Zone is the area where the potential for exposure to hazards and contact with hazardous materials could occur. The zone may be marked by caution tape. Personnel working within the Exclusion Zone will be expected to follow protective measures as prescribed by the SSO.

- Contamination Reduction Zone: The Contamination Reduction Zone is a transition area between the potentially affected areas/materials and assumed non-affected areas/materials. Decontamination of personnel and equipment, if necessary, shall be conducted in this area to reduce the probability of contamination transfer to a non-affected area. The Contamination Reduction Zone shall be situated upwind of the Exclusion Zone.

- Support Zone: The Support Zone is the area, outside the Exclusion and Contamination Reduction Zone, where administrative and other project support functions are performed. The Support Zone shall be situated upwind of the Contamination Reduction Zone and/or the Exclusion Zone.

See Figure 2A for the location of the work zones.

2.4.3 Communications

Typical on-site communications may be conducted through the use of:

☒	Verbal		
☐	Two-way radio	☐	Horn
☒	Cellular telephone	☐	Siren
☒	Hand signals	☐	Other:_____

Off-site communications may be conducted through the use of:

☒ Cellular telephone: Verify cell phone reception in all work areas prior to starting work.
☐ Site Phone: Location & No. _____
☐ Pay phone: Location & No. _____
☐ Other: _____

Cell Phone reception should be verified throughout the site prior to commencing work.

2.4.4 Visitors

Visitors to the Site shall be continually escorted in order to assure their safety. Visitors will not be allowed past the Support Zone (if such a zone is established at this Site) unless they read, understand, sign, and abide by the requirements outlined in this HASP.

2.5 Worker Training

Table 2 will be used to document on-site workers who have received the appropriate training according to the company Environmental, Health, and Safety (EH&S) Training Program**. Table 2** must be completed prior to initiation of field activities. Pre-work briefing and routine tailgate meetings will be conducted to facilitate on-site training. Subcontractors must provide information requested in **Appendix G** prior to starting to work.

2.6 Safety Meetings

Project personnel who will be involved with on-site field activities must be appropriately trained in accordance with 29 CFR Part 1910.120 "Hazardous Waste Operations and Emergency Response". Before field work begins, the SSO will review the HASP with the field workers addressing the potential hazards associated with the proposed field activities. Components of the safety meeting will include, but will not be limited to, a review of the following:

- Location of sanitation facilities as seen on site plan.
- Potential chemical, operational and physical hazards present at the site.
- Personal protective equipment (PPE)/personal protection procedures.
- Hazardous materials handling procedures.
- Buddy system.
- Personal hygiene - general guidelines.
- Personal and equipment decontamination procedures.
- Emergency response procedures.
- Symptom awareness.
- Stop Work Authority

Periodic meetings with project personnel may be conducted by the SSO pending changes to the scope of work or modification to this HASP. To document the meetings, the SSO will complete

the Site Safety Meeting Minutes Form provided in **Appendix A**. Verification will be provided to the CHSM upon request.

2.7 Medical Monitoring Requirements

OSHA requires medical monitoring for personnel potentially exposed to chemical hazards at concentrations in excess of the PEL for more than 30 days per year and for personnel who must use respiratory protection for more than 30 days per year.

Will personnel working at this site be enrolled in a medical monitoring program? ☐**Yes** ☒**No**

Personnel who are diagnosed as having medical conditions which could directly or indirectly be aggravated by either exposure to chemical substances suspected of being present at the Site, or by the use of Personal Protective Equipment (PPE), will not be allowed to participate in field activities. In addition, personnel with injuries or illnesses involving open wounds may not be allowed on-site. Field personnel who develop an illness or injury during the project may be examined by a physician. A physician must determine if the employee is fit to return to work before they can return to field activities. In addition, the CHSM, SSO, or Site employees may request additional medical testing if a chemical exposure is suspected.

2.8 Hazard Communication Requirements

When chemicals are used on-site, EarthCon workers must adhere to the company's Hazard Communication Program (29 CFR §1910.1200). The following procedures must be followed for chemicals brought on-site (i.e., decontamination solution, sampling preservatives, etc.):

- Labels on incoming primary chemical containers must not be defaced (until after the container is empty, decontaminated and ready for disposal).
- Chemical containers must be stored in appropriate storage cabinets.
- Secondary containers and storage cabinets must be correctly and clearly labeled using the Hazardous Materials Identification System (HMIS).
- Incompatible chemicals must not be stored together.
- Workers must receive training on the hazards indicated in **Table 4.**
- Containers must be secured closed unless adding to or removing something from the container.
- Safety Data Sheets for the chemicals should be recent and are included in **Appendix B**.; they should be made available to workers upon request and applicable hazards covered during safety meetings.
- Workers must receive training on the hazards of the chemicals indicted in **Appendix C.**
- Include a safety training sign off sheet to document this training and provide a copy to the CHSM.
- Training on this information should be documented in **Appendix F**.

3.0 GENERAL PERFORMANCE REQUIREMENTS

General safe work practices that must be implemented during work activities at this site are included in **Table 3**.

3.1 Performance Requirements

- Workers are expected to show up alert and ready to work. No sleeping is allowed on the job.
- Any unsafe equipment, condition or work practice and injuries, no matter how slight, must be reported to the SSO immediately.
- Procedures for the proper set up and control of the worksite task area should be planned and implemented prior to starting individual tasks.
- Field personnel must have ready access to a telephone and a vehicle in case of emergency.
- Field personnel working in the Exclusion Zone are to work with another person at all times. The subcontractor's representative can serve as the second person while the work is being conducted in the field.

3.2 Hygiene Requirements

- Long hair will be secured away from the face so it does not interfere with any activities.
- Eating, drinking, chewing gum or tobacco, smoking, or any practice that increases the probability of hand-to-mouth transfer and ingestion of material is prohibited in any area designated as being potentially affected by site related chemicals.
- Hands and face must be thoroughly washed upon leaving the work area, and before eating, drinking, or other non-project activities.
- Personnel leaving potentially contaminated areas will shower (including washing hair) and change to clean clothing as soon as possible after leaving the site.
- Kneeling, sitting, leaning, or general contact with potentially affected surfaces or with surfaces suspected of being potentially affected by hazardous materials (i.e., puddles, mud, leachate, etc.) should be avoided.
- Medicine and alcohol can potentiate the effects of exposure to toxic chemicals. Neither should be taken by personnel if the likelihood of risk exists. Ingestion of alcohol during and immediately prior to field activities is prohibited.
- Sanitation facilities are provided on site. Potable water and restroom facilities are available and in accordance with 8 CCR 5192 for all employees and visitors.

4.0 HAZARD EVALUATION

A preliminary hazard evaluation was performed to identify existing site conditions and is documented in **Table 4**. The preliminary hazard evaluation addressed the following, where applicable:

- Identification of the suspected hazardous materials/wastes on-site;
- Toxicological aspects of the suspected hazardous materials on-site;
- Suspected chemical/elemental concentrations within the various media on-site;
- Inherent site hazards;
- Operational hazards; and
- Climate extremes.

Environmental site personnel have indicated fire, inhalation and skin absorption to pose a hazard on site. Reactivity including ionizing radiation is not of concern for the site due to past investigations and the operational history. All scrap steel and raw steel entering the site has been screened by radiation detection devices. Further information is documented in **Table 4**.

4.1 Suspected Chemical/Elemental Hazards

To select those contaminants that may cause health and safety concerns, henceforth referred to as potential Contaminants of Concern (COCs), a review of the site remediation and sampling history was performed. Based on this review, potential COCs were selected and are listed in **Table 5**. Chemical information for each of the potential COCs are provided in the NIOSH Pocket Guide pages located in **Appendix C**.

Information from the NIOSH Pocket Guide (e.g., flash point, water reactive, etc.) has been used in performing the chemical hazard analysis in **Table 5** (e.g., fire, inhalation, reactivity, and skin absorption hazards). If, based on the hazard analysis, chemical hazards exist, hazard mitigators must be implemented (**Appendix D**). In addition, air monitoring and personal protective equipment must also be used to evaluate airborne concentrations and protect workers.

After review of the relevant background information and data, if there is a potential for dermal and/or respiratory exposure to the materials or contaminants of concern, personnel shall perform the monitoring requirements summarized in **Section 5.2** and execute actions as appropriate. If action levels are exceeded, work shall be suspended until on-site conditions can be re-assessed and this HASP modified.

4.2 Operational/Physical Hazards/Biological Hazards

Potential operational/physical associated with tasks to be performed and the site have been analyzed in **Table 4**. If, based on the hazard analysis, these hazards exist; the hazard mitigators described in **Appendix D** must be implemented.

- **Utility (e.g., Electrical) hazards:** Utility hazards include buried cables, which pose a danger of shock or electrocution if workers or equipment contact or sever them during site operations. Onsite personnel are advised to pay special attention to the presence of utility hazards. Observe as built plans (if available) for the presence of underground hazards and advance the borings cautiously. A subsurface survey shall be conducted at each of the suspect locations, if necessary.

Lockout/Tag out procedures, in accordance with the EarthCon Lockout/Tag out Program, will be followed when working in the vicinity of electrical equipment. Electrical equipment will be considered energized unless tested and determined otherwise. Energized parts will be insulated or guarded from personal contact. Extension cords used with electrical tools will be the 3-wire type and connected to a ground fault circuit interrupter (GFCI). Wooden or fiberglass ladders will be used. Metal ladders will not be used in the work area.

- **Mechanical hazards:** Mechanical hazards include being struck by heavy equipment and being injured by excavation cave-ins. Onsite personnel are advised to stand at least 15 feet clear of heavy equipment and excavations, and wear appropriate protective equipment, including steel-toe boots and hard hats during the field activities. Fall, slip, and/or trip hazards exist when working with equipment and tools. Field personnel will observe walking surfaces in the work area to prevent tripping on equipment/tools placed on the ground. Good housekeeping will also be practiced. All walking surfaces with a drop of more than six feet will have fall protection devices. Fall protection devices may include adequate delineation of the excavation and trenches, guardrails, or climbing devices such as a harness and lanyard.

- **Noise Hazards:** Noise hazards may exist when working around heavy equipment. Loud noises interfere with communication and also lead to temporary and/or permanent hearing loss. Noise hazards may exist wherever heavy equipment such as loaders and any operating machinery, produce noise levels at or above the Action Level of 85 dBA for 8-hr Time Weighted Average (TWA). Noise in excess of 85 dBA may produce the following effects:

  1. Distraction, annoyance, or sudden surprise
  2. Inability to effectively communicate with co-workers
  3. Physical damage expressed initially as a Temporary Threshold Shift (TTS) and then, as a Permanent Threshold Shift (PTS), or immediately as a Permanent Threshold Shift if the impact noise is sufficient enough (usually greater than 100 dBA)

  Appropriate hearing protection must be utilized in areas of unacceptable noise levels.

If, based on the hazard analysis (**Table 4**), biological hazards exist associated with tasks to be performed and site location (e.g., allergic reactions to poisonous plants or insects indigenous to the area, etc.); hazard mitigators (**Appendix D**) must be implemented.

5.0 PERSONAL PROTECTION

5.1 Personal Protective Equipment (PPE)

The levels of personal protection required for each task are provided **in Appendix E.** This PPE is based on the hazards identified in **Section 4.** Required equipment and types of protective clothing materials are listed, as well as an indication of the initial level of protection.

Is there potential for a respirator to be donned during fieldwork? ☐Yes ☒No

It is not anticipated that the use of respirators will be needed, however during the drilling work and sampling the area will be monitored via dust particulate monitor (MiniRam or equivalent). If there is an indication that a respirator is required work will be halted until tasks have been re-evaluated and the HASP has been updated as needed.

The general use of PPE is acceptable when engineering controls cannot adequately eliminate the hazard. The use of PPE is intended to provide protection for on-site personnel from chemical, physical, and operational hazards that cannot be controlled through other safety procedures. Initially, Level D Protection will be employed by on-site personnel and will include varying levels of eye, head, body, hand, foot, and hearing protection.

Respiratory protection will not be required. However, if respirators are worn, workers must adhere to the company's Respiratory Protection Program (29 CFR §1910.134). **Table 2** should be used to provide a record of the site workers' last fit test. Beards (i.e., facial hair interfering with the respirator seal) are not allowed.

Acceptable PPE are further described below.

- Eye Protection: Eye protection will include the use of chemical splash goggles and/or face shields and impact resistant safety glasses with side shield protection that meet the current ANSI standard Z87.1.

- Head Protection: Non-metallic hard hats meeting the current ANSI standard Z89.1 will be worn by on-site personnel as required during field activities.

- Body Protection: Body protection will include the use of long sleeved shirt and pants work clothes.

- Hand Protection: Hand protection will include the use of nitrile gloves when hand contact with affected materials (e.g., groundwater and soil) may occur. Otherwise use work gloves of leather or other appropriate material.

- Foot Protection: Foot protection will include the use of impact resistant boots meeting the current ANSI standard Z41.1.

These levels shall only be downgraded upon approval by either the CSHM or SSO. Project personnel are not permitted to deviate from the specified levels of protection without prior approval of the SSO.

5.2 Personal Air Monitoring

Corrective measure activities may have the potential to generate dust; therefore, dust monitoring will be conducted on-Site. Airborne particulate concentrations will be measured with a portable particulate monitor (MiniRam or equivalent) to ensure compliance with the action levels (stop work level) and Cal OSHA Permissible Exposure Limits (PELs). The PELs for COCs potentially present on-Site, along with stop work levels are provided in Table 5.

According to calculations using the site specific maximum concentrations documented in **Table 5** and the OSHA Permissible Exposure Limit (PEL) for total dust, the only constituent of concern is lead. Total dust must measure below 6.8 mg per cubic meter (mg/m^3) to remain below the PEL for lead. However, at the direction of the DTSC the action level for total dust is 0.05 mg/m^3. A MiniRam will be on site at all times monitoring dust concentrations. The MiniRam is gravimetrically calibrated in mg/m^3using the standard SAE Fine (ISO fine) test dust. A zeroing kit will be present to accomplish zeroing in particle free air when on-site. In the case where dust levels measure over 0.05 mg/m3, work will be suspended and on-site conditions will be re-assessed.

5.3 Vehicle Safety

Vehicle safety requires the following:

- Vehicles are to be operated in a safe manner and in compliance with statutory traffic regulations and ordinances.
- Operators are to practice defensive driving and drive in a courteous manner.
- Operators are required to have a valid driver's license and liability insurance (per local/state laws).
- Seat belts are to be worn by the driver and passengers.
- No persons are allowed to ride in the back of any trucks or vans.
- Vehicles are to be driven in conformance with local speed limits.
- Personnel who are impaired by fatigue, illness, alcohol, illegal or prescription drugs, or who are otherwise physically unfit, are not allowed to drive.
- Personnel are to avoid using cellular phones or engaging in other distractions while driving.
- Vehicles should be maintained in a safe and clean condition.
- Field vehicles should be equipped with the following items; first-aid kit, fire extinguisher, spares tire and jack.
- Motor vehicle accidents shall be reported to the responsible law enforcement agency (when appropriate), the EarthCon CHSM, the EarthCon HR Director, the SSO and the EarthCon PM.
- Daily and monthly check lists to verify safe operations have been generated and should be utilized prior to operating a vehicle.
- If the site has specific driving rules, these should be reviewed and adhered to.

5.4 Illumination

Work will be completed during daylight hours only. This will ensure all work is done in accordance with 8 CCR 5192(m) illumination requirements.

6.0 DECONTAMINATION

The following decontamination (cleansing) procedures for the sampling equipment and PPE have been developed with the intent of reducing the potential for the transfer of hazardous chemicals.

6.1 Sampling Equipment

To reduce the potential for the distribution of contaminants or cross contamination of samples, the following procedures will be used. Decontamination of the sampling equipment will include washing the equipment in a detergent solution (Liqui-nox and water), rinse with potable water, rinse with organic-free/distilled water, and allow to air dry. Disposable equipment will be used when practical to eliminate the need for on-site decontamination.

6.2 Personnel and PPE

During this project the goal will be to use disposal PPE (nitrile gloves), therefore no PPE decontamination will be required. If this cannot be accomplished, PPE must be decontaminated (cleaned) per 29 CFR §1910.120(k). In an emergency, the primary concern is *to prevent the loss of life or severe injury to site personnel. If immediate medical treatment is* required to save a life, decontamination should be delayed until the victim is stabilized. If decontamination can be performed without interfering with essential life saving measures or first-aid, or if a worker has been contaminated with an extremely toxic or corrosive material that could cause severe injury or loss of life, decontamination must be performed in coordination with or prior to initial medical treatment at the scene.

Decontamination of PPE (e.g., gloves) shall be accomplished by passing personnel through appropriate stages of contamination reduction and removing contaminated clothing and equipment in decreasing order of the degree of potential contamination. Personnel who have entered areas suspected of containing hazardous materials (i.e., the Exclusion Zone) will be subjected to decontamination. The personnel decontamination corridor may be comprised of the following procedural stages. These stages/procedures are listed sequentially below.

Stage No. 1: Segregated Equipment Drop – Personnel will brush off loose dirt and wash off remaining soil, sediment, and dirt from clothes and shoes upon completion of sampling and field work. Equipment and consumables that require either disposal or special handling (e.g., special and/or equipment decontamination) shall remain in this area and be decontaminated, if appropriate, or disposed of with the excavated materials or other potentially contaminated materials.

Stage No. 2: PPE Decontamination - PPE that has been potentially contaminated will be washed with a TSP and water mixture followed by a water rinse.

Stage No. 3: General Field Wash - Personnel shall wash and rinse face and hands with soap and water before leaving the site and/or eating. If a change of clothing is necessary, it shall be done at this time.

6.3 Decontamination Fluids and Investigation-Derived Waste Disposal

Decontamination water and drill cuttings will be placed in appropriate containers. Disposal methods will be determined after characterizations have been completed. Solid waste generated during decontamination and field activities (i.e., paper towels, plastic tarps, used PPE) will be removed from the Site and disposed as refuse/trash.

6.4 Vehicles

Typically, vehicles will not be allowed inside the exclusion zone. If vehicles are required in the exclusion zone (e.g., drill rigs) the following procedures will be used. Personnel will wash or remove boots and change to dry clothing prior to vehicle entry. Non-disposable equipment will be washed or bagged before placement into field vehicles. Drill rigs will be decontaminated with detergent solution and rinsed with water before leaving the exclusion zone.

7.0 EMERGENCY PROCEDURES

A list of Emergency Response contacts and telephone numbers for applicable local off-site emergency responders is provided in **Table 6**. The following emergency response equipment is required for this project:

☒ Fire Extinguisher(s): ☐ Type A ☐ Type B ☐ Type C ☒ Type ABC
☒ Air Monitoring: ☐ PID ☐ Air Sampling Pumps ☐ CG/O2 meter
☒ MiniRam ☐ H2S Meter ☐ Radiation Meter
☐ Draeger Pump w/ Sample Tubes ☐ Other:
☒ Eyewash (Note: portable eyewash bottle)
☐ SCBA
☒ First Aid Kit
☐ Shower (Note: for acids and caustics)
☐ Personal Flotation Device(s)
☐ Windsock
☐ Stop Watch &Thermoscan for Measuring Heart Rate and Heat Stress
☐ Global Positioning System
☐ Other:

As a minimum, the project shall have the following equipment available during field activities:

- A first aid kit (mandatory, including adhesive Band-Aids, gauze, tape, gloves, CPR shield, triangle bandage) shall be available in the Support Zone at all times.

  Check additional items required for the site.

  ☐ Emergency Blanket ☒ Sunscreen (as needed)

  ☒ Insect Repellent (as needed) ☐ Other: ointment for poison plants and insect bites_____

- Copious amounts of cool potable water shall be readily available for both drinking purposes and for personal hygiene purposes (e.g., washing, rinsing, and cooling of face and body, etc.).
- Emergency references (e.g., nearest phone, emergency phone numbers and services, etc.) shall accompany the first aid kit.
- Communication equipment such as a cellular phone will be accessible in case of an emergency.
- A vehicle shall be easily accessible for transport/emergency.

The emergency response communication system for the site is:

- ☒ Verbal
- ☐ Two-way radio
- ☒ Hand signals: Hand gripping throat ="Out of Air, Can't Breathe"
  Grip partner's wrist or both hands around waist ="Leave area immediately"
  Hands on top of head ="Need assistance"
  Thumps up ="OK; I am all right; I understand"
  Thumps down ="No; negative"
- ☐ Horn
- ☐ Siren
- ☒ Other: Cellular Phone

If an on-site emergency develops, the procedures outlined in **Table 7** shall be followed immediately.

7.1 Natural Disasters

In the event of emergency conditions associated with natural disasters, such as severe weather, site personnel will remain calm, turn off equipment and ignition sources, and move away from buildings, cranes, and overhead utilities. Following an emergency, personnel will proceed to a designated meeting place. The SSO will take a head count to ensure that all personnel are present. Crews must remain together until accounted for. The SSO will assess any injuries and the need for emergency assistance.

7.2 Workplace Violence

If any employee or visitor is confronted by a potentially hostile person, he/she will remain calm and refrain from further aggravating the individual. Site personnel should contact the SSO. Protocol established by the site will be followed or local police will be contacted for assistance when needed.

8.0 SHIPMENT OF RESTRICTED ARTICLES

Federal laws and international guidelines place restrictions on what materials may be shipped by passenger and cargo aircraft. In the course of field activities, the following items may be shipped to and from the site in the following manner.

Item	Hazardous Constituent	Quantity	Packaging	How Shipped
Soil samples	*NA	5	8 oz. glass jar with Teflon lid. Laboratory provided	EarthCon Personnel

Item	Hazardous Constituent	Quantity	Packaging	How Shipped
Groundwater Samples	HCL & HNO3 – lab preservatives	3	VOAs and HDPE laboratory provided containers	EarthCon Personnel

*soil samples do not have preservatives

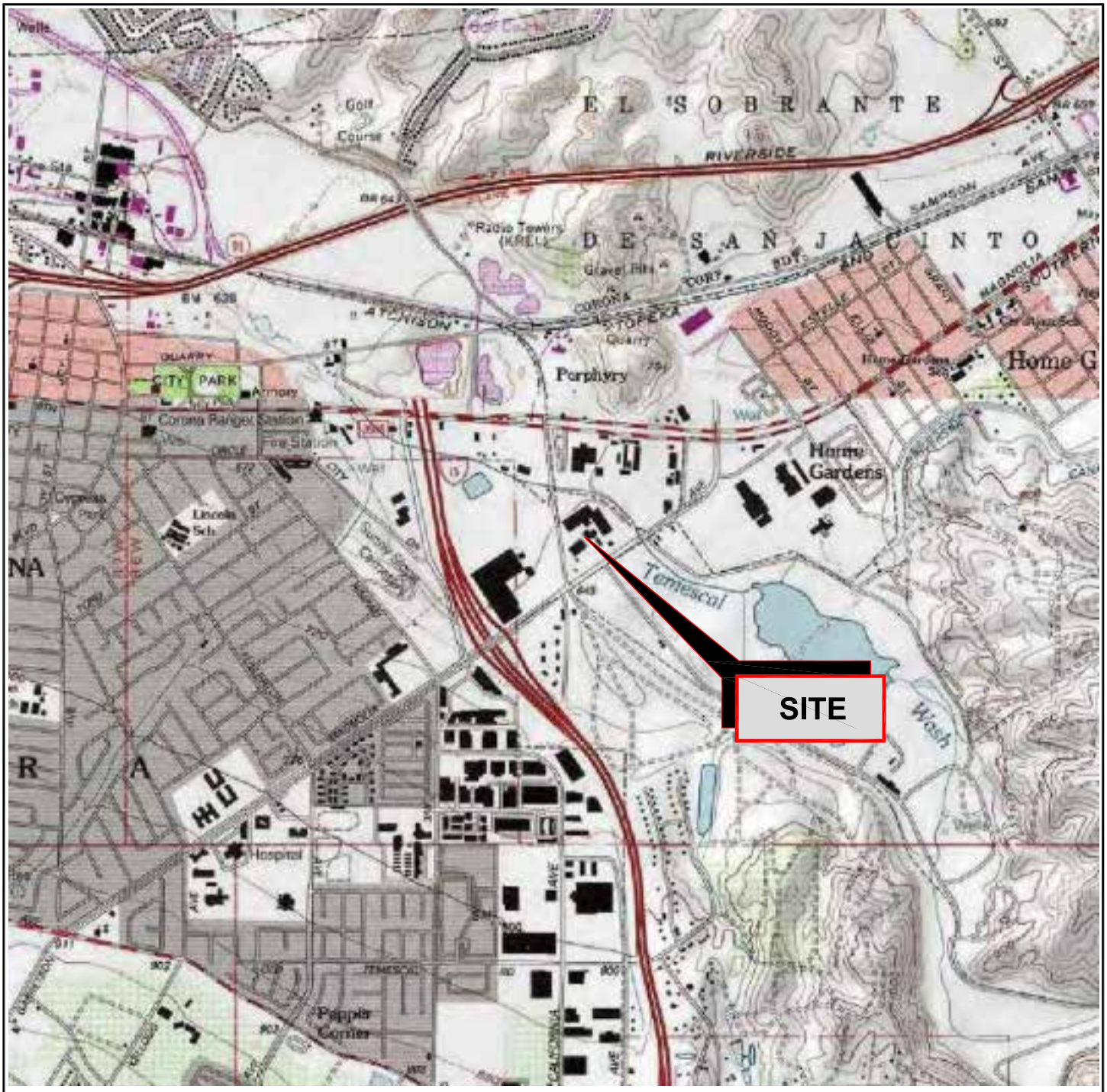
9.0 SPILL CONTAINMENT

An evaluation was conducted to determine the potential for hazardous substance spills at this site. That evaluation indicates that there is no potential for a hazardous substance spill of a sufficient quantity to require containment planning, equipment, and procedures. For that reason, no spill containment program is implemented at this site. Employee training on how to respond and take protective measures during incidental releases of hazardous substances are provided consistent with the Hazard Communication Standard, 29 CFR 1910.12

Incidental spills are different from emergency releases. Incidental spills can safely be absorbed, neutralized, or otherwise controlled by EarthCon employees or contractors with the appropriate training.

Figure 1

Vicinity Map



FROM: U.S. GEOLOGICAL SURVEY, 1997
QUADRANGLE: CORONA SOUTH
COUNTY: RIVERSIDE
SERIES: 7.5-MINUTE QUAD

NOTE: ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE

N
W E
S

0 2000 Feet
SCALE

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVENUE, SUITE 102, ORANGE, CA 92868

VICINITY MAP

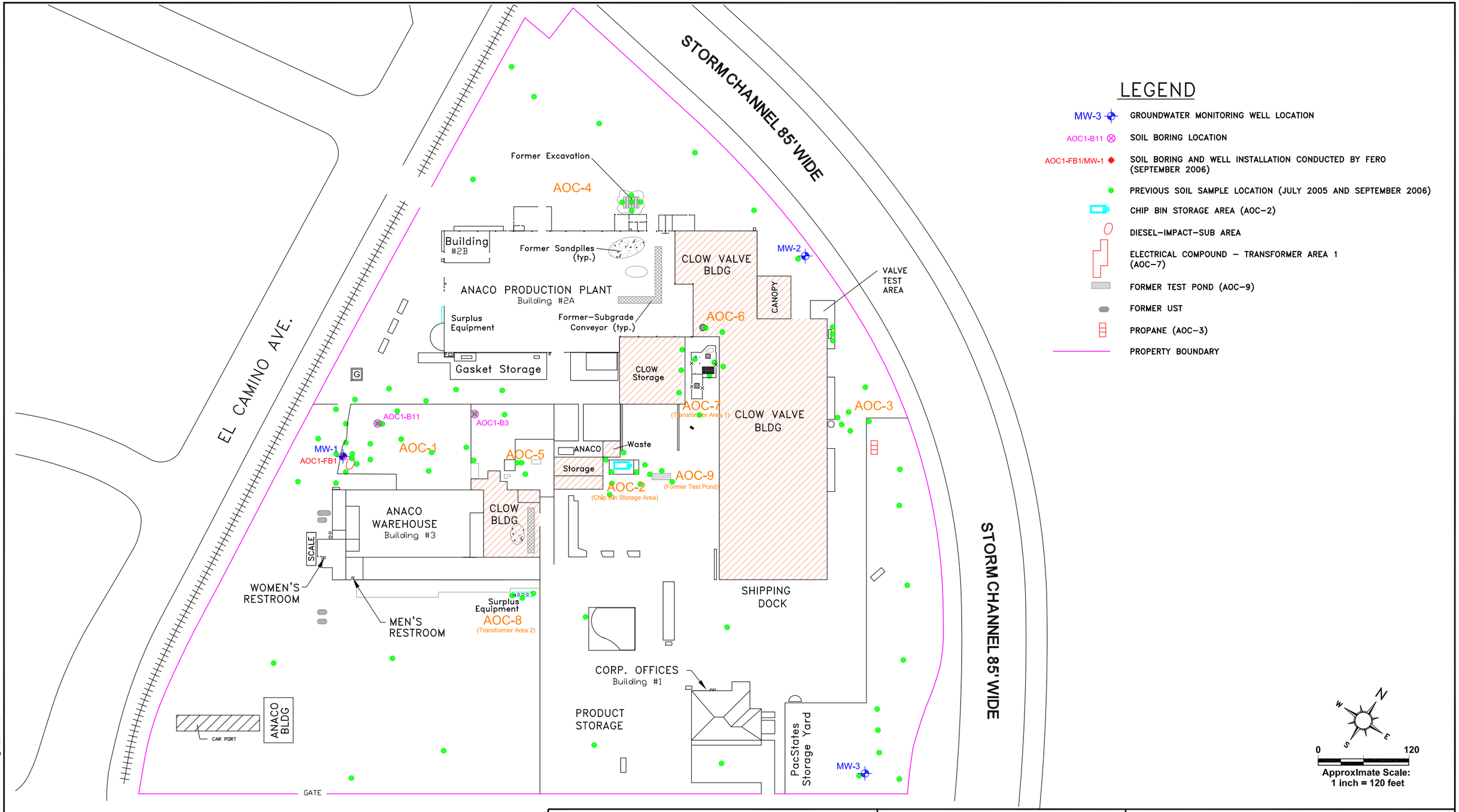
DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	12/30/15	1

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE 1375 MAGNOLIA AVENUE, CORONA, CA_VICINITY MAP

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Figure 2

Site Plan



LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

N W E S

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON

EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVE., SUITE 102, ORANGE, CA 92868

SITE PLAN

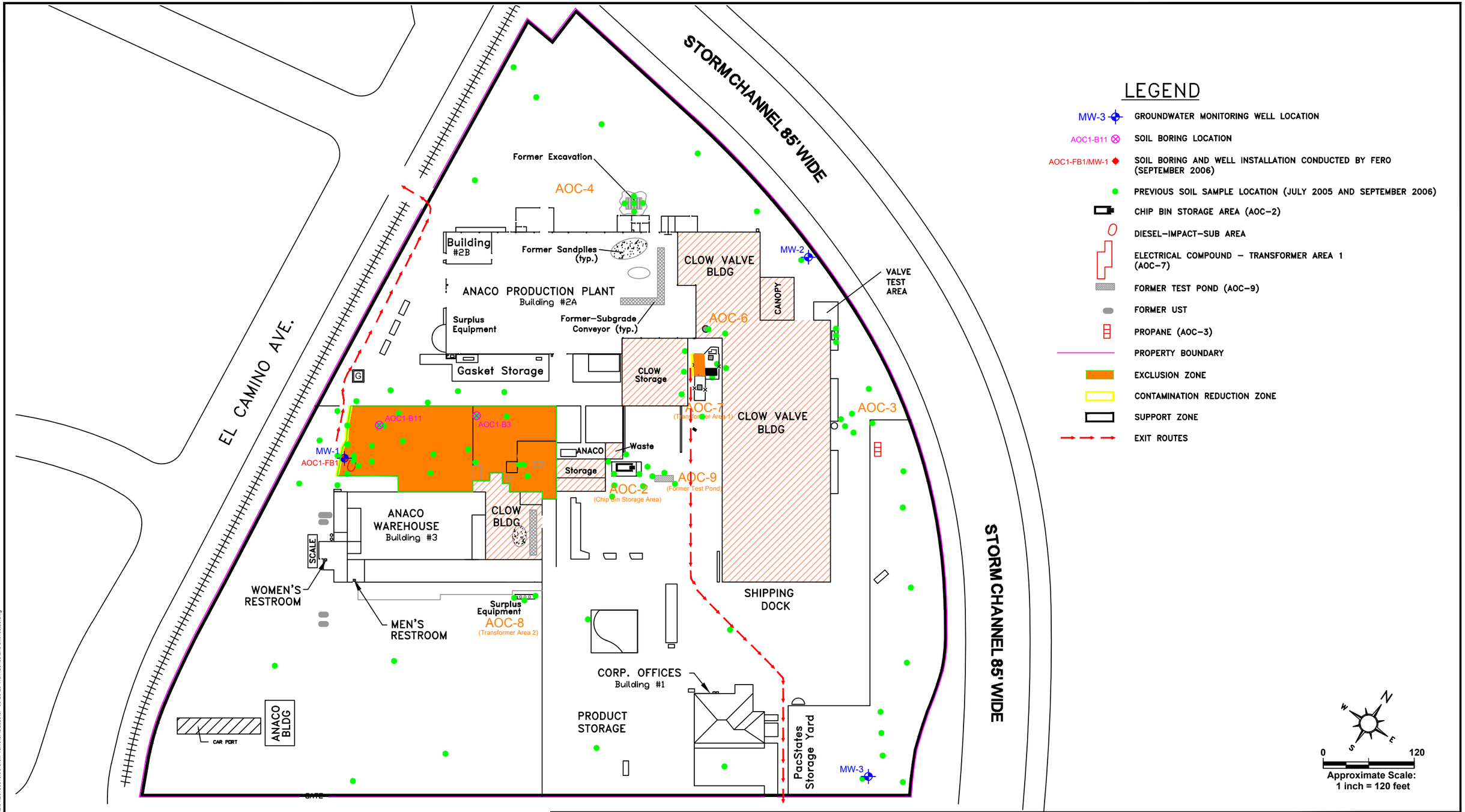
DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	2

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09-07-17_F2 SITE PLAN

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Figure 2A

Site Plan with Work Zones and Exit Routes



LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY
- EXCLUSION ZONE
- CONTAMINATION REDUCTION ZONE
- SUPPORT ZONE
- EXIT ROUTES

N W E S

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®

EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVE., SUITE 102, ORANGE, CA 92868

SITE PLAN WITH WORK ZONES AND EXIT ROUTES

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	03/26/20	2A

FILENAME: S:\Common\Orange\CAD\Projects\04.20150013.00-Clow Valve\CAD\2020\SP 03-26-20-Work zones and exit routes.dwg

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Figure 3

Hospital Location Map

8/19/2016 1375 Magnolia Avenue, Corona, CA 92879 to Corona Regional Medical Center - Google Maps

Google Maps 1375 Magnolia Avenue, Corona, CA 92879 to Corona Regional Medical Center Drive 2.4 miles, 8 min



1375 Magnolia Avenue

Corona, CA 92879

Head southwest on Magnolia Ave toward Sherborn St

0.1 mi

Turn right onto El Camino Ave

0.4 mi

Turn left onto E 6th St

1.6 mi

Turn left onto S Main St

0.2 mi

Corona Regional Medical Center

800 South Main Street, Corona, CA 92882

Table 1

Key Personnel and Health & Safety Responsibilities

Project Manager (PM) Jeff Bennett	**Regional H&S Coordinator** Hugh Walker	**Site Safety Officer (SSO)** Lindsey Langer/Jenn McGervey	**Project Field Staff** Lindsey Langer/Jenn McGervey
• Coordinate, approve, implement and manage this HASP and amendments, if any. • Incorporate H&S planning, implementation, and supplies (PPE, decontamination materials) into project plans and budget. • Select and assign responsibility to the SSO to implement HASP. • Monitor the Field Logbooks for health and safety work practices employed. • Coordinate with SSO so that emergency response procedures are implemented, if needed. • Inform CSHM of HASP violations, if any, and verify corrective actions are implemented. • Ensure personnel receive this plan, are aware of its provisions, are aware of the potential hazards associated with site operations, are instructed in safe work practices, are familiar with emergency response procedures and document this information • Coordinate with Client and SSO. • In the event of an incident or other emergency complete & submit appropriate forms and make proper notifications.	• Review and approve HASP; approve any associated amendments. • Evaluate documentation presented of site hazards for HASP preparation. Maintain a final copy of the completed HASP. • Perform periodic audits of documentation of project activities to evaluate general compliance with policies, procedures, directives and guidelines presented in this HASP. • Assist with the implementation of the Corporate Health and Safety Program. • Provide environmental, health and industrial hygiene consultation as needed. • In the event of an emergency, if required set up an incident investigation team and notify applicable outside agencies.	• Be present on-site, as appropriate, with the authority to implement HASP and EarthCon H&S protocols. • Confirm that site personnel meet the training and medical requirements. • Verify that monitoring equipment and personal protective equipment is operating correctly according to manufacturer's instructions and such equipment is utilized by on site personnel. Calibrate or verify calibration of monitoring equipment and record results. • Verify that decontamination procedures are being implemented and Site Control Plan is in place. • Provide and document pre-work briefing and daily tailgate safety meetings, monitor activities for safe work practices and HASP compliance. • Perform routine H&S inspections. Document meetings and inspections. Provide copies to CHSM as requested. • Report to the Project Manager deviations from the anticipated conditions, and authorize the cessation of work if necessary. • Notify the PM and CSHM in the event an emergency occurs, and implement site emergency response and follow-up procedures, provide First Aid, as needed. • Work with PM to verify appropriate notifications and forms are completed for any incident or near miss. • Secure the scene after an emergency until given notification to release the scene by the CHSM.	• Provide verification of required health and safety training and medical surveillance prior to arriving at the site. • Notify the SSO of any special medical conditions (e.g., allergies). • Review, be familiar with and abide by the HASP. • Attend pre-work briefings and daily tailgate safety meetings. • Comply with requests of PM, SSO, and HASP. • Perform work using safe techniques; be responsible for their personal safety. • Immediately report any accidents and/or unsafe conditions to the SSO.

Table 2

Training / Medical Surveillance / Respirator Fit Test Records

Name	*EHS Category*	*Initial 40-Hour*	*Annual 8-Hour Refresher*	*8-Hour Supervisor (if applicable)*	*CPR/ First Aid[1] (initial or refresher)*	*Medical Surveillance[2] (if applicable)*	*Annual Respirator Fit Test[3] (if applicable)*	*Other:[4]*
		Date	***Date***	***Date***	***Date***	***Date***	***Date***	***Date***
Jeff Bennett	I	1990	1/2017	6/1990	1/2016	N/A	N/A	---
Jenn McGervey	I	8/2015	1/2017		1/2016	NA	NA	---
Lindsey Langer	I	8/2019						

Footnotes:

1 CPR Refresher: every year; First Aid Refresher: every three years.
2 Annual Medical Surveillance for EHS Category I.
3 For EHS Categories I & II only.
4 Could include task-specific training, project-specific training, or project-specific medical surveillance.

Table 3

General Safe Work Practices

- Report to work alert and ready to perform assigned duties; no sleeping is allowed at the jobsite.
- Immediately report any unsafe acts, incidents, accidents, or near misses. Utilize Stop Work Authority if needed.
- Minimize contact with excavated or contaminated materials. Do not place equipment on the ground. Do not sit or kneel on potentially contaminated surfaces.
- Smoking, eating, or drinking after entering the work zone and before decontamination is prohibited. Use of illegal drugs and alcohol are prohibited. Workers taking prescribed medication that may cause drowsiness should not be operating heavy equipment, and should be prohibited from performing tasks where Level C, B, or A personal protective equipment is required.
- Practice good housekeeping. Keep everything orderly and out of potentially harmful situations.
- Use of contact lenses on-site shall only be allowed when dictated by working conditions.
- The following conditions must be observed when operating a motor vehicle.
  - Wearing of seat belts is mandatory
  - During periods of rain, fog, or other adverse weather conditions, the use of headlights is mandatory
  - A backup warning system or use of vehicle horn is mandatory when the vehicle is engaged in a backward motion
  - Posted traffic signs and directions from flagmen must be observed
  - Equipment and/or samples transported in vehicles must be secured from movement
  - The use of contractor acquired vehicles by non-contractor personnel is prohibited
  - Daily inspection sheets should be completed by driver and kept with equipment for the duration of the project.
- In an unknown situation, always assume the worst conditions.
- Be observant of your immediate surroundings and the surroundings of others. It is a team effort to notice and warn of impending dangerous situations. Withdrawal from a hazardous situation to reassess procedures is the preferred course of action.
- Conflicting situations may arise concerning safety requirements and working conditions and must be addressed and resolved rapidly by the SSO and PM to relieve any motivations or pressures to circumvent established safety policies.
- Unauthorized breaches of specified safety protocol must not be allowed. Workers unwilling or unable to comply with the established procedures must be removed from the site immediately.

Table 4

Hazard Analysis

Tasks	
① Capping	⑤
② Soil Sampling	⑥
③ Well Installation	⑦
④ GW Sampling	⑧

	①	②	③	④	⑤	⑥		
I. Chemical Hazards								
Fire	X	X	X	X				
Inhalation	X	X	X	X				
Reactivity								
Skin absorption	X	X	X	X				
Cold Stress	X	X	X	X				
Compressed Gas Cylinder								
Drowning								
Drum Handling	X	X	X	X				
Electrocution	X	X	X	X				
Excavation/Trenching			X					
Eye Injury	X	X	X	X				
Hand/Foot Injury	X	X	X	X				
Heat Stress	X	X	X	X				
Heavy Equipment	X		X					
Lifting Heavy Loads	X		X					
Noise	X		X					
Portable Power/Hand Tool	X	X	X	X				
Radiation Exposure								
Slipping/Tripping/Falling	X	X	X	X				
III. Biological Hazards								
Poisonous Plants								
Insect/Vermin/Snake Bites								
Medical Waste								

Instructions: For each task, place an "X" in the blank corresponding to associated hazards.

Table 5

Potential Contaminants of Concern

Contaminant	***IP(eV)***	***REL** (ppm) or **PEL*** (mg/m3)	***IDLH*** (mg/m3)	***LEL/UEL %***	***Flash Point (°F)***	***Routes of Exposure***	***Hazards***	***Medium***[1]	***Maximum Concentration***[2]
Total Dust	--	0.05	--	--	--	--	--	soil/dust	--
PCBs	N/A	PEL – 1.0 TWA	5	N/A	N/A	Skin, Inhalation, Ingestion	C	soil	1,400 mg/kg
Lead	N/A	PEL – 0.05 TWA	100	N/A	N/A	Skin, Inhalation, Ingestion	C	soil	7,360 mg/kg
Cadmium	N/A	PEL - 0.005 TWA	9	N/A	N/A	Skin, Inhalation, Ingestion	C,T	soil	43.9 mg/kg
Arsenic	N/A	PEL - 0.01 TWA	5	N/A	N/A	Skin, Inhalation, Ingestion	C,T	soil	52.90 mg/kg
Diesel	--	REL – 100TWA	--	0.6/6.5	125.6	Skin, Inhalation, Ingestion	F,C,Co	soil	9,300 mg/kg
Gasoline	'--	None cited/300	--	1.4/7.6	-45	Skin, Inhalation, Ingestion	F, C, Co	soil	1,300 mg/kg

-- - none established *IDLH* - immediately dangerous to life and health *R* - reactive *C* - carcinogen *O-Oxidizer*
IP(eV) - ionization potential *PEL* - permissible exposure level *SC* - suspected carcinogen *Co* - corrosive
E- explosive *STEL* - short term exposure level *F* - flammable *NA* - not applicable
P- poison *V* - varies depending on compound mixture ND – Not determined

Footnotes:

[1] Indicate type of medium (i.e. soil, water, sludge, etc.).

[2] Indicate the maximum concentration detected for the contaminant

Table 6

Emergency Response Contacts

Name	*Telephone Numbers*		*Date of Pre-Emergency Notification*
	Office	*Mobile*	
Fire Department	**911**	NA	NA
Hospital – Corona Regional Medical Center	**911** or (951) 737-4343	NA	NA
Police Department	**911**	NA	NA
Site Safety Officer – Lindsey Langer	--	562-322-7934	NA
Project Manager – Jeff Bennett	714-500-5400 ext 5454	714-743-0482	NA
Regional Manager – Larry Lew	281-240-5200 X 2761	713-829-3215	NA
Corp. HR Manager – Glenda Croft	770-973-2100 x2870	NA	NA
Regional Health & Safety Coordinator – Julia Wlson	281-240-5200 X 2705	551-486-4382	NA

NA – Not applicable in general or for the level of hazard at this Site.

WRITTEN DIRECTIONS TO HOSPITAL: (See Figure 3).

1375 Magnolia Avenue

Corona, CA 92879

Head southwest on Magnolia Ave toward Sherborn St

0.1 mi

Turn right onto El Camino Ave

0.4 mi

Turn left onto E 6th St

1.6 mi

Turn left onto S Main St

0.2 mi

Corona Regional Medical Center

800 South Main Street, Corona, CA 92882

Table 7

Emergency Response Procedures

- This plan must be discussed with verbal training for onsite EarthCon employees and subcontractors
- This training should be documented and a copy provided to the CHSM.
- The SSO (or alternate) should be immediately notified via the on-site communication system.
- If applicable, the SSO must notify off-site emergency responders (i.e., fire department, hospital, police department, etc.) and must inform the response team as to the nature and location of the emergency on site.
- If applicable, the SSO evacuates the site. Site workers should move to their respective refuge stations using the evacuation routes provided on the Site Map. SSO must account for all workers associated with the project.
- The SSO notifies the PM, Principal, and the CHSM of the emergency. If an EarthCon employee is injured, the SSO must contact the worker's Regional Manager/Branch Office Manager immediately. If the Regional Manager/Branch Office Manager cannot be contacted, then the Corporate Human Resources Department must be notified.
- For small fires, flames should be extinguished using the fire extinguisher. Large fires should be handled by the local fire department.
- In an unknown situation or if responding to toxic gas emergencies, appropriate PPE, including SCBAs, should be donned.
- If chemicals are accidentally spilled or splashed into eyes or on skin, use eyewash and/or shower.
- Before continuing site operations after an emergency involving toxic gas, the appropriate responder will don a SCBA and utilize appropriate air monitoring equipment to verify that the site is safe.
- An injured worker must be decontaminated appropriately.
- If a worker is injured, first aid will be administered by workers certified in first aid.
- If necessary, the SSO will secure the scene after the response. The scene should not be released until notification from the CHSM.
- After the response, the SSO and /or PM must complete and submit the appropriate incident reports.
- The PM or SSO should secure written /signed witness statements as appropriate, take pictures, etc. immediately and before the end of the shift.
- If an investigation is required, the CHSM and Safety Team will set up a team to start the investigation with input from the DL.
- The CHSM will notify outside agencies as appropriate.

Appendix A

Site Safety Meeting Minutes

Site Name: _____ Contract No. _____

Meeting Location _____

Meeting Date _____ Time _____ Conducted By _____

_____ Pre-Fieldwork Orientation _____ Weekly Site Meeting _____ Other

Subjects Discussed:

Safety Officer Comments:

Name and Signature of Participating Personnel (list company name if subcontractor)

Note: Attach additional pages if necessary. Send this form to the EarthCon Project Manager. Copies will be placed in the appropriate project files.

Appendix B

Safety Data Sheets

Chlorodiphenyl (42% chlorine)

Synonyms & Trade Names

Aroclor® 1242, PCB [Chlorodiphenyl (42% chlorine)], Polychlorinated biphenyl [Chlorodiphenyl (42% chlorine)]

CAS No.

53469-21-9

RTECS No.

TQ1356000

DOT ID & Guide

2315 171

Formula

$C_6H_4ClC_6H_3Cl_2$ (approx)

Conversion

IDLH

Ca [5 mg/m^3]
See: 53469219

Exposure Limits

NIOSH REL

Ca TWA 0.001 mg/m^3 See Appendix A (nengapdxa.html) [*Note: The REL also applies to other PCBs.]

OSHA PEL

TWA 1 mg/m^3 [skin]

Measurement Methods

NIOSH 5503 ;

OSHA PV2089

See: NMAM or OSHA Methods

Physical Description

Colorless to light-colored, viscous liquid with a mild, hydrocarbon odor.

Molecular Weight

258 (approx)

Boiling Point

617-691°F

Freezing Point

-2°F

Solubility

Insoluble

Vapor Pressure

Vapor Pressure
0.001 mmHg

Ionization Potential
?

Specific Gravity
(77°F): 1.39

Flash Point
NA

Upper Exposive Limit
NA

Lower Explosive Limit
NA

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans & chlorinated dibenzo-p-dioxins.

Incompatibilities & Reactivities
Strong oxidizers

Exposure Routes
inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms
irritation eyes; chloracne; liver damage; reproductive effects; [potential occupational carcinogen]

Target Organs
Skin, eyes, liver, reproductive system

Cancer Site
[in animals: tumors of the pituitary gland & liver, leukemia]

Personal Protection/Sanitation
(See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

First Aid
(See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter.

Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also

INTRODUCTION MEDICAL TESTS: 0175

File Formats Help:

How do I view different file formats (PDF, DOC, PPT, MPEG) on this site? (//www.cdc.gov/Other/plugins/)

(//www.cdc.gov/Other/plugins/#pdf)

Page last reviewed: April 11, 2016

Page last updated: April 11, 2016

Content source: National Institute for Occupational Safety and Health (NIOSH) (/niosh/) Education and Information Division

Chlorodiphenyl (54% chlorine)

Synonyms & Trade Names

Aroclor® 1254, PCB [Chlorodiphenyl (54% chlorine)], Polychlorinated biphenyl [Chlorodiphenyl (54% chlorine)]

CAS No.

11097-69-1

RTECS No.

TQ1360000

DOT ID & Guide

2315 171

Formula

$C_6H_3Cl_2C_6H_2Cl_3$ (approx)

Conversion

IDLH

Ca [5 mg/m^3]
See: IDLH INDEX

Exposure Limits

NIOSH REL

Ca TWA 0.001 mg/m^3 See Appendix A (nengapdxa.html) [*Note: The REL also applies to other PCBs.]

OSHA PEL

TWA 0.5 mg/m^3 [skin]

Measurement Methods

NIOSH 5503 ;

OSHA PV2088

See: NMAM or OSHA Methods

Physical Description

Colorless to pale-yellow, viscous liquid or solid (below 50°F) with a mild, hydrocarbon odor.

Molecular Weight

326 (approx)

Boiling Point

689-734°F

Freezing Point

50°F

Solubility

Insoluble

Vapor Pressure

Vapor Pressure
0.00006 mmHg

Ionization Potential
?

Specific Gravity
(77°F): 1.38

Flash Point
NA

Upper Exposive Limit
NA

Lower Explosive Limit
NA

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans, and chlorinated dibenzo-p-dioxins.

Incompatibilities & Reactivities
Strong oxidizers

Exposure Routes
inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms
irritation eyes, chloracne; liver damage; reproductive effects; [potential occupational carcinogen]

Target Organs
Skin, eyes, liver, reproductive system

Cancer Site
[in animals: tumors of the pituitary gland & liver, leukemia]

Personal Protection/Sanitation
(See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

First Aid
(See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter.

Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also

INTRODUCTION ICSC CARD: 0939 MEDICAL TESTS: 0176

File Formats Help:

How do I view different file formats (PDF, DOC, PPT, MPEG) on this site? (//www.cdc.gov/Other/plugins/)

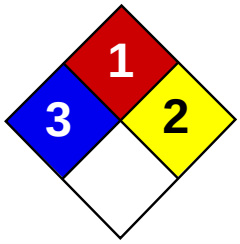
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Health	3
Fire	1
Reactivity	2
Personal Protection	E

Material Safety Data Sheet
Arsenic MSDS

Section 1: Chemical Product and Company Identification

Product Name: Arsenic

Catalog Codes: SLA1006

CAS#: 7440-38-2

RTECS: CG0525000

TSCA: TSCA 8(b) inventory: Arsenic

CI#: Not applicable.

Synonym:

Chemical Name: Arsenic

Chemical Formula: As

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Arsenic	7440-38-2	100

Toxicological Data on Ingredients: Arsenic: ORAL (LD50): Acute: 763 mg/kg [Rat]. 145 mg/kg [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant).

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, lungs, the nervous system, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Flammable in presence of open flames and sparks, of heat, of oxidizing materials.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Material in powder form, capable of creating a dust explosion. When heated to decomposition it emits highly toxic fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable

protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids, moisture.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.01 from ACGIH (TLV) [United States] [1995] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Lustrous solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 74.92 g/mole

Color: Silvery.

pH (1% soln/water): Not applicable.

Boiling Point: Not available.

Melting Point: Sublimation temperature: 615°C (1139°F)

Critical Temperature: Not available.

Specific Gravity: 5.72 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents, acids, moisture.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 145 mg/kg [Mouse].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH. Causes damage to the following organs: kidneys, lungs, the nervous system, mucous membranes.

Other Toxic Effects on Humans:
Very hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 6.1: Poisonous material.

Identification: : Arsenic UNNA: UN1558 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Arsenic California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Arsenic Pennsylvania RTK: Arsenic Massachusetts RTK: Arsenic TSCA 8(b) inventory: Arsenic

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R22- Harmful if swallowed. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 1

Reactivity: 2

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Reactivity: 2

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

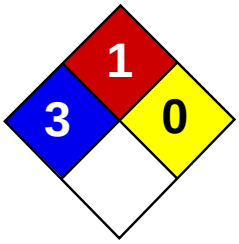
References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. -Liste des produits purs tératogènes, mutagènes, cancérogènes. Répertoire toxicologique de la Commission de la Santé et de la Sécurité du Travail du Québec. -Material safety data sheet emitted by: la Commission de la Santé et de la Sécurité du Travail du Québec. -SAX, N.I. Dangerous Properties of Indutrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Guide de la loi et du règlement sur le transport des marchandises dangeureuses au canada. Centre de conformité internatinal Ltée. 1986.

Other Special Considerations: Not available.

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Health	3
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Cadmium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Cadmium

Catalog Codes: SLC3484, SLC5272, SLC2482

CAS#: 7440-43-9

RTECS: EU9800000

TSCA: TSCA 8(b) inventory: Cadmium

CI#: Not applicable.

Synonym:

Chemical Name: Cadmium

Chemical Formula: Cd

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Cadmium	7440-43-9	100

Toxicological Data on Ingredients: Cadmium: ORAL (LD50): Acute: 2330 mg/kg [Rat.]. 890 mg/kg [Mouse]. DUST (LC50): Acute: 50 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant). Severe over-exposure can result in death.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Reasonably anticipated.) by NTP. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, lungs, liver. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact: No known effect on eye contact, rinse with water for a few minutes.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 570°C (1058°F)

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances:
Non-flammable in presence of open flames and sparks, of heat, of oxidizing materials, of reducing materials, of combustible materials, of moisture.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Material in powder form, capable of creating a dust explosion. When heated to decomposition it emits toxic fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Highly toxic or infectious materials should be stored in a separate locked safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.01 (ppm) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Lustrous solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 112.4 g/mole

Color: Silvery.

pH (1% soln/water): Not applicable.

Boiling Point: 765°C (1409°F)

Melting Point: 320.9°C (609.6°F)

Critical Temperature: Not available.

Specific Gravity: 8.64 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not considered to be corrosive for metals and glass.

Special Remarks on Reactivity: Reacts violently with potassium.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 890 mg/kg [Mouse]. Acute toxicity of the dust (LC50): 229.9 mg/m3 4 hour(s) [Rat].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Reasonably anticipated.) by NTP. The substance is toxic to kidneys, lungs, liver.

Other Toxic Effects on Humans:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: An allergen. 0047 Animal: embryotoxic, passes through the placental barrier.

Special Remarks on other Toxic Effects on Humans: May cause allergic reactions, exzema and/or dehydration of the skin.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification:

Identification:

Special Provisions for Transport:

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Cadmium California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Cadmium Pennsylvania RTK: Cadmium Massachusetts RTK: Cadmium TSCA 8(b) inventory: Cadmium SARA 313 toxic chemical notification and release reporting: Cadmium CERCLA: Hazardous substances.: Cadmium

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R26- Very toxic by inhalation. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. -Liste des produits purs tératogènes, mutagènes, cancérogènes. Répertoire toxicologique de la Commission de la Santé et de la Sécurité du Travail du Québec. -Material safety data sheet emitted by: la Commission de la Santé et de la Sécurité du Travail du Québec. -SAX, N.I. Dangerous Properties of Indutrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Guide de la loi et du règlement sur le transport des marchandises dangeureuses au canada. Centre de conformité internatinal Ltée. 1986.

Other Special Considerations: Not available.

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Gasoline

Synonyms & Trade Names

Motor fuel, Motor spirits, Natural gasoline, Petrol [Note: A complex mixture of volatile hydrocarbons (paraffins, cycloparaffins, and aromatics).]

CAS No.

8006-61-9

RTECS No.

LX3300000

DOT ID & Guide

1203 128

Formula

Conversion

1 ppm = 4.5 mg/m^3 (approx)

IDLH

Ca [N.D.]
See: IDLH INDEX

Exposure Limits

NIOSH REL

Ca See Appendix A (nengapdxa.html)

OSHA PEL

none See Appendix G (nengapdxg.html)

Measurement Methods

OSHA PV2028

See: NMAM or OSHA Methods

Physical Description

Clear liquid with a characteristic odor.

Molecular Weight

110 (approx)

Boiling Point

102°F

Freezing Point

?

Solubility

Insoluble

Vapor Pressure

Vapor Pressure
38-300 mmHg

Ionization Potential
?

Specific Gravity
(60°F): 0.72-0.76

Flash Point
-45°F

Upper Exposive Limit
7.6%

Lower Explosive Limit
1.4%

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities
Strong oxidizers such as peroxides, nitric acid & perchlorates

Exposure Routes
inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms
irritation eyes, skin, mucous membrane; dermatitis; headache, lassitude (weakness, exhaustion), blurred vision, dizziness, slurred speech, confusion, convulsions; chemical pneumonitis (aspiration liquid); possible liver, kidney damage; [potential occupational carcinogen]

Target Organs
Eyes, skin, respiratory system, central nervous system, liver, kidneys

Cancer Site
[in animals: liver & kidney cancer]

Personal Protection/Sanitation
(See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: No recommendation
Provide: Eyewash, Quick drench

First Aid
(See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap flush immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also

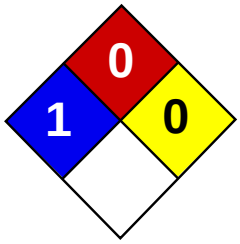
INTRODUCTION

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Content source: National Institute for Occupational Safety and Health (NIOSH) (/niosh/) Education and Information Division





Health	1
Fire	0
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Lead MSDS

Section 1: Chemical Product and Company Identification

Product Name: Lead

Catalog Codes: SLL1291, SLL1669, SLL1081, SLL1459, SLL1834

CAS#: 7439-92-1

RTECS: OF7525000

TSCA: TSCA 8(b) inventory: Lead

CI#: Not available.

Synonym: Lead Metal, granular; Lead Metal, foil; Lead Metal, sheet; Lead Metal, shot

Chemical Name: Lead

Chemical Formula: Pb

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Lead	7439-92-1	100

Toxicological Data on Ingredients: Lead LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
Slightly hazardous in case of skin contact (permeator). CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, kidneys, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Non-flammable in presence of open flames and sparks, of shocks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: When heated to decomposition it emits highly toxic fumes of lead.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable

protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.05 (mg/m3) from ACGIH (TLV) [United States] TWA: 0.05 (mg/m3) from OSHA (PEL) [United States] TWA: 0.03 (mg/m3) from NIOSH [United States] TWA: 0.05 (mg/m3) [Canada]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Metal solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 207.21 g/mole

Color: Bluish-white. Silvery. Gray

pH (1% soln/water): Not applicable.

Boiling Point: 1740°C (3164°F)

Melting Point: 327.43°C (621.4°F)

Critical Temperature: Not available.

Specific Gravity: 11.3 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials, excess heat

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Can react vigorously with oxidizing materials. Incompatible with sodium carbide, chlorine trifluoride, trioxane + hydrogen peroxide, ammonium nitrate, sodium azide, disodium acetylide, sodium acetylide, hot concentrated nitric acid, hot concentrated hydrochloric acid, hot concentrated sulfuric acid, zirconium.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. May cause damage to the following organs: blood, kidneys, central nervous system (CNS).

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:
Acute Potential: Skin: Lead metal granules or dust: May cause skin irritation by mechanical action. Lead metal foil, shot or sheets: Not likely to cause skin irritation Eyes: Lead metal granules or dust: Can irritate eyes by mechanical action. Lead metal foil, shot or sheets: No hazard. Will not cause eye irritation. Inhalation: In an industrial setting, exposure to lead mainly occurs from inhalation of dust or fumes. Lead dust or fumes: Can irritate the upper respiratory tract (nose, throat) as well as the bronchi and lungsby mechanical action. Lead dust can be absorbed through the respiratory system. However, inhaled lead does not accumulate in the lungs. All of an inhaled dose is eventually abssorbed or transferred to the gastrointestinal tract. Inhalation effects of exposure to fumes or dust of inorganic lead may not develop quickly. Symptoms may include metallic taste, chest pain, decreased physical fitness, fatigue, sleep disturbance, headache, irritability, reduces memory, mood and personality changes, aching bones and muscles, constipation, abdominal pains, decreasing appetite. Inhalation of large amounts may lead to ataxia, deliriuim, convulsions/seizures, coma, and death. Lead metal foil, shot, or sheets: Not an inhalation hazard unless metal is heated. If metal is heated, fumes will be released. Inhalation of these fumes may cause "fume metal fever", which is characterized by flu-like symptoms. Symptoms may include metallic taste, fever, nausea, vomiting, chills, cough, weakness, chest pain, generalized muscle pain/aches, and increased white blood cell count. Ingestion: Lead metal granules or dust: The symptoms of lead poisoning include abdominal pain or cramps (lead cholic), spasms, nausea, vomiting, headache, muscle weakness, hallucinations, distorted perceptions, "lead line" on the gums, metallic taste, loss of appetite, insomnia, dizziness and other symptoms similar to that of inhalation. Acute poisoning may result in high lead levels in the blood and urine, shock, coma and death in extreme cases. Lead metal foil, shot or sheets: Not an ingestion hazard for usual industrial handling.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Lead California prop. 65 (no significant risk level): Lead: 0.0005 mg/day (value) California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Lead Connecticut hazardous material survey.: Lead Illinois toxic substances disclosure to employee act: Lead Illinois chemical safety act: Lead New York release reporting list: Lead Rhode Island RTK hazardous substances: Lead Pennsylvania RTK: Lead

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R20/22- Harmful by inhalation and if swallowed. R33- Danger of cumulative effects. R61- May cause harm to the unborn child. R62- Possible risk of impaired fertility. S36/37- Wear suitable protective clothing and gloves. S44- If you feel unwell, seek medical advice (show the label when possible). S53- Avoid exposure - obtain special instructions before use.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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Appendix C

Chemical Information Directory

Included in HASP	*Chemical Name*	*Synonyms*
	Acetone	Dimethyl Ketone; Ketone propane; 2-Propanone
	Aldrin	HHDN; Octalene
	Aniline	Aminobenzene; Aniline Oil; Benzeneamine
X	Arsenic	Arsenic metal; Arsenia
	Barium	Barium metal
	Benzene	Benzol; Phenyl hydride
	Bis(2-ethylhexyl)phthalate	Di(2-ethylhexyl)phthalate
X	Cadmium	Cadmium metal
	Carbon disulfide	Carbon bisulfide
	Chlorobenzene	Benzene chloride; Chlorobenzyl; MCB; Phenyl chloride
	Chloroethane	Ethyl chloride
	Chloroform	Methane trichloride; Trichloromethane
	Chromic Acid	Chromic anhydride; Chromium trioxide
	Chromium	Chromium metal
	Cobalt	Cobalt metal dust, cobalt metal fume
	Copper	Copper metal dusts; Copper metal mists
	Cyanide	Cyanide
	Cyclohexane	Benzene Hexahydride; hexamethylene
	Dieldrin	Dieldrin
	DIPE	Diisopropyl ether
	Dioxin	Dioxin
	1,2-Dichlorobenzene	O-DCB; Orthodichlorobenzene
	1,1-Dichloroethane	Ethylidene chloride
	1,2-Dichloroethane	Ethylene dichloride; Glycol dichloride
	1,1-Dichloroethylene	1,1-Dichloroethene, vinylidene chloride
	1,2-Dichloroethylene	1,2-Dichloroethene; (cis, trans, or sym-) Acetylene dichloride
	1,2-Dichloropropane	Propylene dichloride; Dichloro-1,2-propane
	2,4-Dinitrotoluene	Dinitrotoluene; DNT; Methyldinitrobenzene
	1,4-Dioxane	Dioxane, Diethylene dioxide, Diethylene ether

Appendix C

Chemical Information Directory
(continued)

Included in HASP	*Chemical Name*	*Synonyms*
	Ethylbenzene	Ethylbenzol; Phenylethane
	ETBE	Ethyl tert-butyl ether
	Ethylene Dibromide	EDB; 1,2-Dibromoethane, Ethylene bromide, Glycol dibromide
	Formaldehyde	Methanal; Methyl aldehyde; Methylene oxide
X	Gasoline& Diesel	Motor fuel; Motor spirits; Natural gasoline; Petrol
	Motor oil	Motor oil
	Hexachloroethane	Carbon hexachloride; Ethane hexachloride; Perchloroethane
	Hydrochloric Acid	Anhydrous hydrogen chloride; Aqueous hydrogen chloride; Muriatic acid
	Hydrogen Sulfide	Hydrosulfuric acid; Sewer gas; Sulfuretted hydrogen
	Iron	Iron
	Isophorone	Isoacetophorone; 3,5,5-Trimethyl 2- cyclohexenone
	Isopropanol	Isopropyl alcohol; IPA; 2-Propanol
X	Lead (inorganic)	Lead metal
	Manganese	Manganese
	MTBE	Methyl Tert Butyl Ether
	Mercury	Colloidal mercury; Metallic mercury; Quicksilver
	Methane	Fire damp; March gas; Methyl hydride
	Methanol	Carbinol; Columbian spirits; Pyroligneous spirit; Wood alcohol; Wood naphtha; Wood spirit
	Methoxyclor	p,p-Dimethoxydiphenyl/trichlorethane; DMDY
	Methyl chloroform	1,1,1-Trichloroethane
	Methylcyclohexane	Cyclohexylmethane; Hexahydrotoluene
	Methylene chloride	Dichloromethane; Methylene Dichloride
	Naphthalene	Naphthalin; Tar Camphor; White Tar
	Nickel	Nickel catalyst

Appendix C

Chemical Information Directory
(continued)

Included in HASP	*Chemical Name*	*Synonyms*
	Nitrobenzene	Essence of mirbane; Nitrobenzol; Oil of mirbane
	PAHs	Poly Aromatic Hydrocarbons
	Pentachlorophenol	PCP; Penta; 2,3,4,5,6-Pentachlorophenol
	Phenol	Carbonic acid; Hydroxybenzene; Monohydroxybenzene; Phenol alcohol; Phenyl hydroxide
	Phosgene	Carbonyl chloride; Carbon oxychloride; Chloroformyl chloride
X	Polychlorinated biphenyls (54%)	PCBs; Chlorodiphenyl
	Sodium bisulfate	
	Synergist-D	Proprietary product
	Silver	Silver metal; Argentum
	TAME	Tertiary-amyl methyl ether
	TBA	Tert butyl alchol
	Tetrachloroethylene	Tetrachloroethylene; Perchlorethylene; Perk
	Toluene	Methyl benzene; Methyl benzol
	Toxaphene	Chlorinated camphene
	1,1,2-Trichloroethane	Ethane trichloride; B-Trichloroethane; Vinyl trichloride
	1,2,4-Trichlorobenzene	Trichlorobenzene; 1,2,4-Trichlorobenzel
	Trichloroethene	Trichloroethylene; TCE
	Trichlorofluoromethane	Fluorotrichloromethane; Freon II
	Trichlorotrifluoroethane	Freon 113; 1,1,2-Trichloro-1,2,2-trifluoroethane; CFC-113
	1,2,3-Trichloropropane	Allyl trichloride, Glycerol trichorohydrin, Glyceryl trichlorohydrin; Trichlorohydrin
	1,2,3-Trimethylbenzene	Hemellitol
	1,2,4-Trimethylbenzene	psi-Cumene; Pseudocumene
	1,3,5-Trimethylbenzene	Mesitylene; sym-Trimethylbenzene
	Vinyl chloride	Chloroethene; VC; VCM
	Xylene (Mixed Isomers)	o-xylene; p-xylene; m-xylene

Appendix D

Hazard Mitigators Directory

Included in HASP	*Hazards*
X	Fire
X	Inhalation
	Reactivity
X	Skin Absorption
Physical Hazards	
	Compressed Gas Cylinder
X	Drilling
	Drowning
X	Drum Handling
X	Electrocution
X	Excavation/Trenching
X	Eye Injury
X	Hand/Foot Injury
X	Heat Stress
X	Cold Stress
X	Heavy Equipment
X	Lifting Heavy Loads
X	Noise
X	Portable Power/Hand Tool
	Radiation Exposure
X	Slipping/Tripping/Falling
	Allergic Reaction to Poisonous Plants
	Insect/Vermin/Snake Bites
	Medical Waste

* All members of the drilling crews shall be trained in the safety features and procedures to be utilized during operation, inspection, and maintenance of the equipment.
* Conduct a survey, prior to bringing drilling equipment to the job site, to identify overhead electrical hazards, potential subsurface hazards, and terrain hazard. Once on-site, before drilling equipment is moved, the travel route shall again be visually surveyed for overhead and terrain hazards.
* Use only drilling equipment equipped with two easily accessible emergency shutdown devices, one for the operator and one for the helper.
* Do not transport drilling equipment with the mast in the upward position.
* Set up equipment on stable ground. Cribbing (a system of timbers, arranged in a rectangular pattern, used to support and distribute the weight of the equipment) shall be used when necessary.
* Extend outriggers per the manufacturer's specifications.
* Monitor weather conditions. Operations shall cease during electrical storms or when electrical storms are imminent.
* Wearing of loose clothing or equipment is not permitted.
* Use auger guides on hard surfaces.
* Verbally alert employees and visually ensure employees are clear from dangerous parts of equipment prior to starting or engaging equipment.
* Channel the discharge of drilling fluids away from the work area to prevent the pooling of water.
* Use hoists only for their designed intent. Hoists shall not be loaded beyond their rated capacity. Steps shall be taken to prevent two-blocking of hoists (the condition when the lower load block or hook assembly comes in contact with the upper load block, or when the load block comes in contact with the boom tip).
* Follow the equipment manufacturer's procedures if ropes become caught in, or objects are pulled into a cathead.

* Do not run or rotate drill rods through rod slipping devices. No more than one foot of drill rod column shall be hoisted above the top of the drill mast. Drill rod tool joints shall not be made up, tightened, or loosened while the rod column is supported by a rod slipping device.
* Control dust using dust suppression techniques.
* Clean augers only when the rotating mechanism is in neutral and the auger is stopped. Tools such as long handled shovels shall be used to remove cuttings from the auger.
* Cap and flag open boreholes; open excavations shall be barricaded.
* Keep all hand tool used during drilling operations clean and in good working condition.
* Wear hard hats and steel-toed boots at all times when performing drilling operations.
* Wear hearing protection when required.

During Geoprobe drilling

- Pay close attention to acetate sampling sleeves; can cause minor cuts when they become jiggered
- Probes /rods can have pinch points; take care when removing or adjusting.
- There will be noise so use hearing protections

- Be aware of the potential hazards of the contents of drums or containers before handling.
- Inspect the integrity of the drum or container before moving. Any drum or container lacking integrity shall be over packed.
- Consider any unlabeled drum or container as containing a hazardous substance and leave alone until contents are properly identified and labeled.
- Organize site operations to minimize the amount of drum or container movement.
- Never stand on drums or containers.
- Know that bulging drums or containers are an indication of pressure build-up. Pressure can be relieved slowly by carefully loosening the bung. If the possibility of fire or explosion exists, protective shield and/or remote opening devices should be used.
- Utilize drum/container handling equipment whenever possible. The equipment utilized should have a sufficiently rated load capacity, and should be able to operate smoothly on the available surface.
- Use proper lifting and moving techniques to prevent back injuries, if handling equipment is not available.
- Have a clear view of the available pathway when moving drums. If needed, an additional person should be available to provide guidance.
- Set up drum/container staging areas to safely identify and classify contents for proper shipment. Staging areas shall be provided with adequate ingress and egress routes.
- Label and identify drums and containers as to their contents when moved to the staging areas.
- Cease all site operations immediately if site activities uncover buried drums or containers. The SSO must be notified. The SSO will evacuate the site. All unknown situations must be evaluated before site activities are resumed. The services of a specialized contractor trained in handling unknown contaminants may be needed. If, after evaluating the situation, only a portion of the site is affected, that
- Use only drums and containers that meet the appropriate DOT, OSHA, and EPA regulations.

- When scheduling or work conditions necessitate leaving excavations open overnight, security fencing will be erected to restrict access to the site or work zones. An exclusion zone, contamination reduction zone and support zone will be identified for each soil disturbance site, as described in Section 2.4.5.

- Underground Service Alert must be notified of subsurface work at a minimum of 48 hours prior to the commencement of field activities.

- As part of the on-site health and safety meeting, a Site walk with the operators will be conducted to identify work locations (locations shown on the work plan/site plan will be in areas free of utilities/subsurface structures). Mark outs of all utilities will be verified.

- If pea-gravel is encountered while excavating all work must stop and the SSO will be contacted for further instruction. Pea-gravel is a potential indication of underground storage tank(s) or utility bedding/backfilling material.

- If any utility/subsurface feature is hit or damaged the SSO will be IMMEDIATELY contacted for further instruction. If the SSO cannot be reached contact the Project Manager for further instruction.

* A minimum clearance of 12 feet (radius) will be maintained between heavy equipment (i.e., drill rig) and any overhead power lines, regardless of voltage.
* Before subsurface work, a utilities search for underground lines will occur and will be documented.
* Installation and maintenance of electrical facilities or equipment must only be performed by qualified and properly authorized personnel or electrical subcontractors. Apprentice personnel permitted to work on electrical equipment shall be under the surveillance of a fully qualified electrician.
* Electricians shall be familiar with the National Electrical Code; state and local electric codes; OSHA standards, including 29 CFR 1926, Subpart K; and applicable sections of the National Fire Protection Association Codes.
* When working on energized circuits of 440 volts or higher, at least one qualified electrician and one other employee shall be present.
* Do not wear rings, watches or metallic objects that could act as conductors when working with electrical circuits.
* Do not use metal ladders and un-insulated tools while working with electrical circuits and equipment.
* Follow the company Lock-out/Tag-out procedures when applicable. Electrical equipment and lines shall always be considered “energized” until proven “de-energized”. Before beginning work, each electrical circuit shall be inspected, tested, and where possible, isolated from the power source. Extreme care shall be exercised as wires designed to operate at ground potential may become energized by faulty or inadequate connections.
* Use only approved grounding equipment as a ground for electrical equipment. Metal frames on electricity powered equipment, electrical facilities, and transmission equipment shall be connected to the grounding system. Alternative grounding systems complying with applicable electrical codes may be used for temporary portable equipment.
* Protect electrical wires with suitable protective conduits or devices where they are exposed to possible damage.
* Connect grounding devices to a ground before contacting any conductor of a circuit. When grounding devices are removed, they shall be disconnected from the circuit before being disconnected from ground.
* Equip all portable extension cords with a non-conducting plug and/or another socket shell. All electrical cords shall be equipped with three-blade grounding type plugs.

* Use only heavy duty electrical cords that are not subjected to excessive bending, stretching, or kicking. All cords and wires shall be frequently inspected for signs of defects. Damaged or frayed electrical wires, cords, and plugs shall be immediately replaced by a qualified electrician or other properly trained personnel.
* Install adequate warning signs and barriers (in plain sight) in all areas where hazardous electrical facilities exist.
* Do not permit overloading of electrical circuits at any time. The replacement of fuses or circuit breakers with makeshift materials or over-capacity fuses is strictly prohibited.
* The type of circuit shall determine the type of protective equipment required. Rubber gloves, sleeves, blankets, mats, and insulated platforms shall be used as required. Questions regarding PPE should be directed to the SSO.
* Inspect all insulated protective equipment continuously for defects or damages. Any defective equipment shall be replaced before using.
* Establish and enforce testing schedules for insulation qualities for protective equipment. All users shall verify that equipment has been satisfactorily tested prior to use.

* Wear appropriate eye protection according to the task at hand (e.g., goggles if liquid splash could occur, welding lenses, etc.).

* Minimize the amount of vapor or particulate matter generated, if possible.

* Avoid touching the face and eyes.

* Flush eye with water for at least 15 minutes if chemicals do get into the eye.

* Be aware of “pinch points” when working with tools and heavy equipment.
* Use proper lifting techniques to avoid dropping heavy loads on hands and feet.
* Be aware of moving machinery and heavy equipment in the work area.
* Wear protective gloves as required in the Health and Safety Plan.
* Wear steel-toed boots as required in the Health and Safety Plan.

Fatal exposures to cold among workers have almost always resulted from accidental exposures involving failure to escape from low environmental air temperatures or from immersion in low temperature water. The single most important aspect of life-threatening hypothermia is the fall in the deep core temperature of the body. Workers should be protected from exposure to cold so that the deep core temperature does not fall below 96.8°F; lower body temperatures will very likely result in reduced mental alertness, reduction in rational decision making, or loss of consciousness with the threat of fatal consequences. Pain in the extremities may be the first early warning of danger to cold stress. During exposure to cold, maximum severe shivering develops when the body temperature has fallen to 95°F. This must be taken as a sign of danger to the workers and exposure to cold should be immediately terminated for any workers when severe shivering becomes evident. Since prolonged exposure to cold air, or to immersion in cold water, at temperatures well above freezing can lead to dangerous hypothermia, whole body protection must be provided.

Adequate insulating dry clothing to maintain core temperatures above 96.8°F must be provided to workers if work is performed in air temperatures below 40°F. Wind chill cooling rate must also be considered when determining protective clothing. The equivalent chill temperature should be used when estimating the combined cooling effect of wind and low air temperatures on exposed skin or when determining clothing insulation requirements to maintain the deep body core temperature.

Unless there are unusual or extenuating circumstances, cold injury to other than hands, feet, and head is not likely to occur without the development of the initial signs of hypothermia. Older workers or workers with circulatory problems require special precautionary protection against cold injury. The use of extra insulating clothing and/or a reduction in the duration of the exposure period are among the special precautions which should be considered.

Workers handling evaporative liquid (gasoline, alcohol, or cleaning fluids) at air temperatures below 39.2°F should take special precautions to avoid soaking of clothing or gloves with the liquids because of the added danger of cold injury due to evaporative cooling. Special note should be taken of the particularly acute effects of splashes of “cryogenic fluids” or those liquids and gases with a boiling point that is just above ambient temperature.

Heat stress is a medical condition where a worker exerts energy above his body's ability to adapt to the stress. Malfunctioning or overload of the body's temperature and sweat mechanisms results in heat stress. Poor adaptation to heat may lead to heat cramps, heat exhaustion, or heat stroke. There are three primary causes of heat stress: insufficient water intake; insufficient salt intake; and a deficiency in the production of sweat, the evaporation of which helps to cool the body naturally. Heat stress or heat exhaustion can result in a more life-threatening condition called heat stroke, which is an overexposure to extreme heat, where the body can no longer provide natural regulation of heat. The body overheats and core temperatures may reach 107F which can result in a coma and death

Field team members shall be observed for signs and symptoms of heat stress that include: confusion, dizziness, profuse sweating, skin color change, increased heart rate and vision problems. Personnel who exhibit any of these symptoms shall be removed from field work and requested to consume two to four pints of electrolyte fluid or cool water every hour while resting in a shaded area. The individual should not return to work until the symptoms are no longer recognizable. If symptoms appear critical, persist, or get worse, seek immediate medical attention.

To control the potential occurrence of heat stress, preventive measures will be evaluated and implemented on a daily basis. These measures may include:

- Frequent rest periods;
- Inducement of fluids (e.g., water, Gatorade, etc.) at a rate of one-half to one cup of cool (55ºF) water every 20 minutes of the workday; and
- Periodic cooling of personnel (e.g., via shaded areas, hose-downs with water, etc.).
- Sensitive personnel should wear sunscreen containing a minimum Sun Protection Factor of 15 when working outdoors in the sun. Sunscreen lotion should be applied prior to entering the work zones.



ainst heat, sun exposure, and other hazards. Employers and employees should know the potential hazards in their workplaces and how to manage them.

Sun

Sunlight contains ultraviolet (UV) radiation, which causes premature aging of the skin, wrinkles, cataracts, and skin cancer. There are no safe UV rays or safe suntans. Be especially careful in the sun if you burn easily, spend a lot of time outdoors, or have any of the following physical features: numerous, irregular, or large moles; freckles; fair skin; or blond, red, or light brown hair. Here's how to block those harmful rays:

- Cover up. Wear loose-fitting, long-sleeved shirts and long pants.
- Use sunscreen with a sun protection factor (SPF) of at least 30. Be sure to follow application directions on the bottle or tube.
- Wear a hat. A wide brim hat, not a baseball cap, works best because it protects the neck, ears, eyes, forehead, nose, and scalp.
- Wear UV-absorbent sunglasses (eye protection). Sunglasses don't have to be expensive, but they should block 99 to 100 percent of UVA and UVB radiation. Before you buy sunglasses, read the product tag or label.
- Limit exposure. UV rays are most intense between 10 a.m. and 4 p.m.

OSHA Card—Protecting Yourself in the Sun
www.osha.gov/Publications/osha3166.pdf

Heat

The combination of heat and humidity can be a serious health threat during the summer months. If you work outside (for example, at a beach resort, on a farm, at a construction site) or in a kitchen, laundry, or bakery you may be at increased risk for heat-related illness. So, take precautions. Here's how:

- Drink small amounts of water frequently.
- Wear light-colored, loose-fitting, breathable clothing—cotton is good.
- Take frequent short breaks in cool shade.
- Eat smaller meals before work activity.
- Avoid caffeine and alcohol or large amounts of sugar.
- Work in the shade.
- Find out from your health care provider if your medications and heat don't mix.
- Know that equipment such as respirators or work suits can increase heat stress.

There are three kinds of major heat-related disorders—heat cramps, heat exhaustion and heat stroke. You need to know how to recognize each one and what first aid treatment is necessary.

OSHA Heat Stress Fact Sheet:
www.osha.gov/OshDoc/data_Hurricane_Facts/heat_stress.pdf

OSHA Heat Stress Quick Card:
www.osha.gov/Publications/osha3154.pdf

Lyme Disease/Tick-Borne Diseases

These illnesses (i.e., Rocky Mountain spotted fever) are transmitted to people by bacteria from bites of infected deer (blacklegged) ticks. In the case of Lyme disease, most, but not all, victims will develop a "bulls-eye" rash. Other signs and symptoms may be non-specific and similar to flu-like symptoms such as fever, lymph node swelling, neck stiffness, generalized fatigue, headaches, migrating joint aches, or muscle aches. You are at increased risk if your work outdoors involves construction, landscaping, forestry, brush clearing, land surveying, farming, railroads, oil fields, utility lines, or park and wildlife management. Protect yourself with these precautions:

- Wear light-colored clothes to see ticks more easily.

- Wear long sleeves; tuck pant legs into socks or boots.
- Wear high boots or closed shoes that cover your feet completely.
- Wear a hat.
- Use tick repellants, but not on your face.
- Shower after work. Wash and dry your work clothes at high temperature.
- Examine your body for ticks after work. Remove any attached ticks promptly and carefully with fine-tipped tweezers by gripping the tick. Do not use petroleum jelly, a hot match, or nail polish to remove the tick.

OSHA Lyme Disease Fact Sheet: www.osha.gov/OshDoc/data_LymeFacts/lymefac.pdf

West Nile Virus

West Nile virus is transmitted by the bite of an infected mosquito. Mild symptoms include fever, headache, and body aches, occasionally with a skin rash on the trunk of the body and swollen lymph glands. Symptoms of severe infection include headache, high fever, neck stiffness, stupor, disorientation, coma, tremors, convulsions, muscle weakness, and paralysis. You can protect yourself from mosquito bites in these ways:

- Apply Picaridin or insect repellent with DEET to exposed skin.
- Spray clothing with repellents containing DEET or permethrin. (Note: Do not spray permethrin directly onto exposed skin.)
- Wear long sleeves, long pants, and socks.
- Be extra vigilant at dusk and dawn when mosquitoes are most active.
- Get rid of sources of standing water (used tires, buckets) to reduce or eliminate mosquito breeding areas.

OSHA West Nile Virus Fact Sheet: www.osha.gov/OshDoc/data_Hurricane_Facts/west_nile_virus.pdf

OSHA Safety and Health Information Bulletin: "Workplace Precautions Against West Nile Virus"

http://www.osha.gov/dts/shib/shib082903b.pdf

Poison Ivy-Related Plants

Poison ivy, poison oak and poison sumac have poisonous sap (urushiol) in their roots, stems, leaves and fruits. The urushiol may be deposited on the skin by direct contact with the plant or by contact with contaminated objects, such as clothing, shoes, tools, and animals.

Approximately 85 percent of the general population will develop an allergy if exposed to poison ivy, oak or sumac. Forestry workers and firefighters who battle forest fires have developed rashes or lung irritations from inhaling the smoke of burning plants.

- Wear long-sleeved shirts and long pants, tucked into boots. Wear cloth or leather gloves.
- Apply barrier creams to exposed skin.
- Educate workers on the identification of poison ivy, oak, and sumac plants.
- Educate workers on signs and symptoms of contact with poisonous ivy, oak, and sumac.
- Keep rubbing alcohol accessible. It removes the oily resin up to 30 minutes after exposure.

OSHA Web Page—Poisonous Plants: www.osha.gov/SLTC/etools/sawmills/poison.html

This is one in a series of informational fact sheets highlighting OSHA programs, policies or standards. It does not impose any new compliance requirements. For a comprehensive list of compliance requirements of OSHA standards or regulations, refer to Title 29 of the Code of Federal Regulations. This information will be made available to sensory impaired individuals upon request. The voice phone is (202) 693-1999; teletypewriter (TTY) number: (877) 889-5627.

For more complete information:

OSHA Occupational Safety and Health Administration

U.S. Department of Labor

www.osha.gov

(800) 321-OSHA

DSTM 9/2005

* Apply Hazard Mitigators for motor vehicles when utilizing heavy equipment (where applicable).

* Remember, heavy equipment has the right-of-way over regular vehicles. Yield to heavy equipment.

* Listen for warning signals on heavy equipment.

* Perform a visual inspection and walk around parked heavy equipment before moving to assure that equipment is in good condition and that there are no personnel on the ground that could be injured or objects that could be damaged by vehicle movement.

* Use hand rails and footholds when mounting and dismounting equipment,

* Follow appropriate equipment startup procedures. Brakes, steering, clutches and controls shall be tested.

* Pay attention to workers on the ground that may be in the path and provide warning prior to moving the equipment.

* Permit no one to ride on, or in, heavy equipment. This includes any portion of a backhoe, bulldozer, forklift or the back of a pickup truck, except in locations specifically designed for passenger use and approved by the SSO.

* Locate and flag underground utilities and buried cables, whenever possible, prior to intrusive activities (such as excavation and drilling).

* Keep haulage vehicles under positive control at all times while operating. Vehicles shall be kept in gear when descending grades.

* Do not use heavy equipment on slopes with steepness exceeding 3H:1V unless operations are consistent with manufacturer's recommendations (if the Owner's Manual is not with the equipment or does not specify slope operating procedures, see the SSO).

* Operate equipment with booms, blades, buckets, beds, etc., lowered or in a stable position while on slopes. Safety cables tethered to appropriate anchors shall be used for equipment working on steep slopes, where appropriate. The use of cables and anchors must be approved by the SSO.

* Use rollover protection and seat belts.

* Lower hydraulic systems (e.g., blades, rippers, etc.) to the ground, set brakes, and shut down equipment if malfunction occurs which impairs the ability to control a piece of equipment.

* Suspend in slings or support by hoists or jacks heavy equipment in need of repair. The equipment must also be blocked or cribbed before workers are permitted to work underneath. Working under heavy equipment can pose a crushing hazard.

* Shut off motors, do not allow smoking, and use proper dispensing equipment when refueling gasoline-operated equipment to prevent fire hazards.

* Wear hearing protection if required.

* Maintain eye contact with the heavy equipment operator when working near equipment.

* Be aware of changes in sound of equipment that may indicate a change in direction or activity.

* Know and practice proper lifting techniques.
* Limit continuous lifting of weights to 50 pounds or less. Lifts of heavier weights are permitted on an interim basis. Help shall be obtained for lifting of loads greater than 50 pounds. Mechanical equipment should be used on heavy materials when possible. If mechanical assistance is not available, adequate manpower to maintain the 50-pound limit per employee will be required.
* Do not lift more weight than can be handled comfortably, regardless of load weight. If necessary, help should be requested to lift a load so that the lifting is comfortable.
* Use drum dollies when moving drums or barrels.
* Inspect objects for grease or slippery substances before they are lifted to ensure that the object will not slip.
* Do not carry long, bulky or heavy objects without first verifying that the way is clear and that vision is unobstructed. This ensures that other persons or objects will not be struck by the load.
* Do not carry loads that cannot be seen over or around.
* Make sure workers are physically suited for the job before assigning jobs requiring heavy and/or frequent lifting. A person's lifting ability is not necessarily indicated by his height or weight.
* Before lifting an object, consideration should be given to how the object will be set down without pinching or crushing hands or fingers. For example, to place an object on a bench or table, the object should be set on the edge and pushed far enough onto the support so it will not fall. The object can then be released gradually as it is set down, and pushed in place with the hands and body from in front of the object.
* When two or more persons are handling the same object, one should "call the signals". All the persons on the lift should know who this person is and should warn him if anyone in the crew is about to relax his grip.
* Proper lifting includes:
  - *Feet* - Feet should be parted, with one foot alongside the object being lifted and one behind. Feet should be comfortably spread to give greater stability. The rear foot should be in position for the upward thrust of the lift.
  - *Back* - Use the sit-down position and keep the back straight, but remember that "straight" does not mean "vertical". A straight back keeps the spine, back muscles, and organs of the body in correct alignment. It minimizes the compression of the abdomen that can cause a hernia.
  - *Arms and Elbows* - The load should be drawn close, and the arms and elbows should be tucked into the side of the body. When the arms are held away from the body, they lose much of their strength and power. Keeping the arms tucked in also helps keep body

weight centered.

- *Palm* - The palm grip is one of the most important elements of lifting. The fingers and the hand are extended around the object to be lifted. Use the full palm; fingers alone have very little power.
- *Chin* - Tuck in the chin so the neck and head continue the straight back line. Keep the spine straight and firm.
- *Body Weight* - Position the body so its weight is centered over the feet. This provides a more powerful line of thrust and assures better balance. Start the lift with a thrust of the rear foot. Shift hand positions so the object can be boosted after knees are bent. Straighten knees as object is lifted or shifted to the shoulders. To change direction, lift the object to a carrying position, and turn the entire body, including the feet. Do not twist your body. In repetitive work, both the person and the material should be positioned so that the worker will not have to twist his body when moving the material. If the object is too heavy to be handled by one person, get help.

* Know the effects of noise, including:
  - Workers being startled, annoyed, or distracted.
  - Physical damage to the ear, pain, and temporary and/or permanent hearing loss.
  - Communication interference that may increase potential hazards due to the inability to warn of danger and proper safety precautions to be taken.
* Utilize feasible administrative or engineering controls if workers are subjected to noise exceeding an 8-hour, time-weighted average (TWA) sound level of 90 dBA (decibels on the A-weighted scale).
* Implement the company Hearing Conservation Program when noise exposures equal or exceed an 8-hour, TWA sound level of 85 dBA.
* Wear hearing protection where applicable.

* Route cords, hoses, and cables supplying power to portable power tools to prevent tripping hazards or contact with equipment or machinery.
* Avoid abusing the power supply lines of portable equipment. Excessive scraping, kicking, stretching, and exposure to grease and oils will damage lines or cause them to fail prematurely, and possibly injure the operator or fellow workers.
* Inspect cords, hoses, and cables for wear or deterioration prior to each use. Defective power supply lines shall not be used.
* Do not use electrically powered tools near flammable materials or explosive atmosphere, unless they are of the explosion-proof type meeting the National Electrical Code for explosive area. Employees operating the equipment should be aware of sparks and or metal fragments when using this equipment.
* Ground-check portable electric power tools with metal cases initially and quarterly. At no time will electrical power equipment be operated without proper grounding. All electrical cords and cables, including extension cords, shall include a third wire ground.
* Prohibit operations of electric tools in wet or damp areas except in unusual emergency circumstances. When operation is required in wet or damp conditions, extreme care will be exercised to ensure effective grounding of equipment and proper use of protective gear.
* Size cords adequately for length and the electrical demand of the tool. Otherwise, they may cause a fire hazard.
* Limit use of tools to the purpose for which the tool is intended (e.g., wrenches will not be used as hammers). Defective tools (e.g., with mushroomed heads or split or defective handles) shall not be used.
* Protect tools from corrosion damage.
* Keep tools free of accumulated dirt and unnecessary oil or grease. Moving and adjustable parts shall be lubricated frequently to prevent wear and misalignment.
* Replace or repair damaged or worn tools promptly. Temporary or makeshift repairs are prohibited. At the discretion of the supervisor, discard all tools that cannot be repaired safely. Supervisors shall decide when to discard a tool.
* Store tools in suitable boxes or containers. Loose tools shall not be stored on ledges or where they might fall. Tools shall be picked up when a job is completed and not be allowed to accumulate in the work area. Store all tools in a safe place.
* Do not use conducting (i.e., metal) tools around electrical facilities. Insulated tools, approved for electrical work, shall be tested frequently for proper insulation.

* Select the correct size and type of wrench for each job. Wrench handles shall not be extended with a pipe or cheater because the jaws will spread.
* Repair mushroomed punch, drift and chisel heads. Mushroomed heads represent crystallized metal that will break and fly off when struck.
* Wear eye protection at all times.

* Wear the proper footwear for the task at hand.
* Pay attention to the environment and use caution when moving about on site.
* Follow the easiest and safest path to the destination.
* Follow good housekeeping procedures.
* Remove objects that pose tripping hazards where practicable.
* Prevent water accumulation where practicable.

The following sections address the major workplace fire hazards and the procedures for controlling the hazards.

A. Electrical Fire Hazards

Electrical system failures and the misuse of electrical equipment are leading causes of workplace fires. Fires can result from loose ground connections, wiring with frayed insulation, or overloaded fuses, circuits, motors, or outlets.

To prevent electrical fires, employees shall:

1. Make sure that worn wires are replaced.
2. Use only appropriately rated fuses.
3. Never use extension cords as substitutes for wiring improvements.
4. Use only approved extension cords [i.e., those with the Underwriters Laboratory (UL) or Factory Mutual (FM) label].
5. Check wiring in hazardous locations where the risk of fire is especially high.
6. Check electrical equipment to ensure that it is either properly grounded or double insulated.
7. Ensure adequate spacing while performing maintenance.

B. Portable Heaters

All portable heaters shall be approved by **SSO**. Portable electric heaters shall have tip-over protection that automatically shuts off the unit when it is tipped over. There shall be adequate clearance between the heater and combustible furnishings or other materials at all times.

C. Office Fire Hazards

Fire risks are not limited to industrial facilities. Fires in offices have become more likely because of the increased use of electrical equipment, such as computers and fax machines. To prevent office fires, employees shall:

1. Avoid overloading circuits with office equipment.
2. Turn off nonessential electrical equipment at the end of each workday.
3. Keep storage areas clear of rubbish.
4. Ensure that extension cords are not placed under carpets.
5. Ensure that trash and paper set aside for recycling is not allowed to accumulate.

D. Cutting, Welding, and Open Flame Work

The **SSO**will ensure the following:

1. All necessary hot work permits have been obtained prior to work beginning.
2. Cutting and welding are done by authorized personnel in designated cutting and welding areas whenever possible.

3. Adequate ventilation is provided.
4. Torches, regulators, pressure-reducing valves, and manifolds are UL listed or FM approved.
5. Oxygen-fuel gas systems are equipped with listed and/or approved backflow valves and pressure-relief devices.
6. Cutters, welders, and helpers are wearing eye protection and protective clothing as appropriate.
7. Cutting or welding is prohibited in sprinklered areas while sprinkler protection is out of service.
8. Cutting or welding is prohibited in areas where explosive atmospheres of gases, vapors, or dusts could develop from residues or accumulations in confined spaces.
9. Cutting or welding is prohibited on metal walls, ceilings, or roofs built of combustible sandwich-type panel construction or having combustible covering.
10. Confined spaces such as tanks are tested to ensure that the atmosphere is not over ten percent of the lower flammable limit before cutting or welding in or on the tank.
11. Small tanks, piping, or containers that cannot be entered are cleaned, purged, and tested before cutting or welding on them begins.
12. Fire watch has been established.

E. Flammable and Combustible Materials

The **SSO** shall regularly evaluate the presence of combustible materials at.

Certain types of substances can ignite at relatively low temperatures or pose a risk of catastrophic explosion if ignited. Such substances obviously require special care and handling.

1. Class A combustibles.

These include common combustible materials (wood, paper, cloth, rubber, and plastics) that can act as fuel and are found in non-specialized areas such as offices.

To handle Class A combustibles safely:

a. Dispose of waste daily.
b. Keep trash in metal-lined receptacles with tight-fitting covers (metal wastebaskets that are emptied every day do not need to be covered).
c. Keep work areas clean and free of fuel paths that could allow a fire to spread.
d. Keep combustibles away from accidental ignition sources, such as hot plates, soldering irons, or other heat- or spark-producing devices.
e. Store paper stock in metal cabinets.
f. Store rags in metal bins with self-closing lids.
g. Do not order excessive amounts of combustibles.
h. Make frequent inspections to anticipate fires before they start.

Water, multi-purpose dry chemical (ABC), and halon 1211 are approved fire extinguishing agents for Class A combustibles.

2. Class B combustibles.

These include flammable and combustible liquids (oils, greases, tars, oil-based paints, and lacquers), flammable gases, and flammable aerosols.

To handle Class B combustibles safely:

a. Use only approved pumps, taking suction from the top, to dispense liquids from tanks, drums, barrels, or similar containers (or use approved self-closing valves or faucets).
b. Do not dispense Class B flammable liquids into containers unless the nozzle and container are electrically interconnected by contact or by a bonding wire. Either the tank or container must be grounded.
c. Store, handle, and use Class B combustibles only in approved locations where vapors are prevented from reaching ignition sources such as heating or electric equipment, open flames, or mechanical or electric sparks.
d. Do not use a flammable liquid as a cleaning agent inside a building (the only exception is in a closed machine approved for cleaning with flammable liquids).
e. Do not use, handle, or store Class B combustibles near exits, stairs, or any other areas normally used as exits.
f. Do not weld, cut, grind, or use unsafe electrical appliances or equipment near Class B combustibles.
g. Do not generate heat, allow an open flame, or smoke near Class B combustibles.
h. Know the location of and how to use the nearest portable fire extinguisher rated for Class B fire.

Water should not be used to extinguish Class B fires caused by flammable liquids. Water can cause the burning liquid to spread, making the fire worse. To extinguish a fire caused by flammable liquids, exclude the air around the burning liquid. The following fire-extinguishing agents are approved for Class B combustibles: carbon dioxide, multi-purpose dry chemical (ABC), halon 1301, and halon 1211. (**NOTE:** Halon has been determined to be an ozone-depleting substance and is no longer being manufactured. Existing systems using halon can be kept in place.)

F. Smoking

Smoking is prohibited at the facility.

–

- Be aware of chemicals of concern that can directly injure the skin or that can be absorbed into the bloodstream and subsequently transported to other organs.
- Know that skin absorption is enhanced by abrasions, cuts, heat, and moisture.
- Do not wear contact lenses in contaminated atmospheres (since they may trap chemicals against the eye surface). The eye is particularly vulnerable because airborne chemicals can dissolve in its moist surface and be carried to the rest of the body through the bloodstream (capillaries are very close to the surface of the eye).
- Keep hands away from face.
- Minimize contact with liquid and solid chemicals.

Wear protective clothing (e.g., suits and gloves) as required by the Health and Safety Plan

– .

* Adhere to the 0.05 mg/m^3 action level for dust

* Be aware that the lungs are extremely vulnerable to chemical agents. Even substances that do not directly affect the lungs may pass through lung tissue into the bloodstream, where they are transported to other vulnerable areas of the body.

* Know the odor and odor threshold of the chemicals of concern. Some toxic chemicals present in the atmosphere may not be detected by human senses (i.e., they may be odorless and colorless, and their toxic effects may not produce any immediate symptoms).

* Use engineering controls to reduce vapor concentrations (e.g., ventilation) or dusty atmospheres (e.g., dust suppression techniques).

* Wear respiratory protection as indicated by air monitoring results and/or as required by the Health and Safety Plan.

* Conduct work zone air monitoring as required by the Health and Safety Plan.

Appendix E

Personal Protective Equipment Per Task

Applies to Task: ☒ **1.Excavation, soil sampling, well installation, GW sampling and capping**

☒ *Modified Level D**		☐ *Level C**		☐ *Level B**	
Equipment	***Material/ Type***	***Equipment***	***Material/Type***	***Equipment***	***Material/Type***
☒ Protective clothing	Long sleeve shirt and long pants, Tyvek coveralls	☐ Full-face air-purifying respirator	Cartridge Type:	☐ SCBA (pressure demand)	
☒ Outer gloves	Nitrile	☐ Half-mask air-purifying respirator	Cartridge Type:	☐ Air-line System (pressure demand)	
☐ Outer boots		☐ Protective clothing		☐ Protective clothing	
☒ Hard hat		☐ Outer gloves		☐ Outer gloves	
☒ Safety glasses May include full-face shield		☐ Inner gloves		☐ Inner gloves	
☒ Hard-toed boots		☐ Outer boots		☐ Outer boots	
☒ Hearing protection		☐ Hard hat**		☐ Hard hat**	
☐ Other:		☐ Safety glasses**		☐ Hard-toed boots**	
		☐ Hard-toed boots**		☐ Hearing protection**	
		☐ Hearing protection**		☐ Escape respirator**	
		☐ Other:		☐ Safety “tag” rope**	
				☐ Other:	

* If checked, indicates initial level of PPE. Other completed columns indicate information to upgrade/downgrade.

** Optional as applicable

Appendix F

Contractor and Outside Company HASP Consent Agreement

I have reviewed the health and safety plan prepared by EarthCon Inc., dated _____, for the _____ site fieldwork. I understand the purpose of the plan, and I consent to adhere to its policies, procedures, and guidelines.

Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
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Appendix G

OSHA Onsite Training Documentation Form

After completion of the OSHA 40-hour training class, 29 CFR 1910.120 states that 3 days of onsite experience under the direct supervision of a trained, experienced supervisor are required to complete the OSHA HAZWOPER training requirements. This form is to be used to document this requirement, and shall be completed by a qualified supervisor (i.e., someone who has completed the 8-hour supervisory training class). Upon completion of this form, please submit it to the EarthCon project manager.

EMPLOYEE INFORMATION

Name: _____

Signature: _____

40-Hour Training Completion Date: _____

Dates of Onsite Training: _____

Name of Site: _____

Type of Site: _____

SUPERVISOR CERTIFICATION

Supervisor: _____

Signature: _____

Appendix H –

Health & Safety Inspection Checklist

Project: _____ Date: _____

Inspected by: _____

Category	***Observations/Corrective Actions (N/A, if Not Applicable)***
Pre-field activity briefing records are current	
Tailgate meeting records are current	
Training/medical surveillance/respiratory protection records are current	
Site map is posted	
Buddy system is implemented	
Work zones are identified	
Site access is controlled	
Visitors are escorted	
On-site/off-site communications are in working order	
Safe work practices are implemented	
Any additional hazards incurred?	
Air monitoring equipment is in working condition	
Air monitoring records are being recorded in field logbook	
Air monitoring calibration records are recorded in field logbook	
PPE storage area is neat and organized	
Standard operating procedures are implemented	
Housekeeping at decontamination zone is appropriate	
Decontamination procedures are implemented	
Emergency response equipment is in working condition	
Route to hospital is posted	
Confined space entry program is implemented	
Spill containment equipment is available	
Chemical inventory is up to date	
Safety data sheets are available	
Primary and secondary containers are properly labeled	
Housekeeping at the chemical storage area is appropriate	

APPENDIX B

FEDERAL (RCRA-TCLP) AND STATE (TITLE 22-STLC,TTLC) HAZARDOUS WASTE CRITERIA

Inorganic Parameters/Metals (Methods: EPA 6010B, 7000 Series)

Parameters	TCLP mg/l	STLC mg/l	TTLC[a] mg/kg
Antimony		15	500
Arsenic	5.0	5.0	500
Barium	100	100	10,000[b]
Beryllium		0.75	75
Cadmium	1.0	1.0	100
Chromium	5	5 (560)	2,500
Cobalt		80	8,000
Copper		25	2,500
Lead	5.0	5.0	1,000
Mercury	0.2	0.2	20
Molybdenum		350	3,500
Nickel		20	2,000
Selenium	1.0	1.0	100
Silver	5	5	500
Thallium		7.0	700
Vanadium		24	2,400
Zinc		250	5,000
Chromium (VI)		5	500
Fluoride Salts		180	18,000
Asbestos			1%

Volatiles (Method: EPA 8260B)

Benzene	0.5		
Carbon tetrachloride	0.5		
Chlorobenzene	100.0		
Chloroform	6.0		
1,4-Dichlorobenzene	7.5		
1,2-Dichloroethane	0.5		
1,1-Dichloroethylene	0.7		
Methyl ethyl ketone (MEK)	200.0		
Tetrachloroethylene (PCE)	0.7		
Trichloroethylene (TCE)	0.5	204	2,040
Vinyl chloride	0.2		

[a] *Values expressed as wet weight* [b] *Excluding barium sulfate.*

Chlorophenoxy Acid Herbicides (Method: EPA 8151A)

Compound	TCLP mg/l	STLC mg/l	TTLC[a] mg/kg
2,4-Dichlorophenoxyacetic acid	10.0	10	100
2,4,5-TP (Silvex)	1.0	1.0	10

Organochlorine Pesticides / PCBs (Method: EPA 8081A)

Aldrin		0.14	1.4
Chlordane	0.03	0.25	2.5
DDT/DDE/DDD		0.1	1.0
Dieldrin		0.8	8.0
Endrin	0.02	0.02	0.2
Heptachlor (& its Epoxide)	0.008	0.47	4.7
Kepone		2.1	21
Lindane	0.4	0.4	4.0
Methoxychlor	10.0	10	100
Mirex		2.1	21
Toxaphene	0.5	0.5	5.0

Semi-Volatiles (Method: EPA 8270C)

o-Cresol	200.0		
m-Cresol	200.0		
p-Cresol	200.0		
Cresols (Total)	200.0		
2,4-Dinitrotoluene	0.13		
Hexachlorobenzene	0.13		
Hexachlorobutadiene	0.5		
Hexachloroethane	3.0		
Nitrobenzene	2.0		
Pentachlorophenol	100.0	1.7	17
Pyridine	5.0		
2,4,5-Trichlorophenol	400.0		
2,4,6-Trichlorophenol	2.0		

Miscellaneous (Methods: EPA 8280*, CADHS-LUFT/7420)**

Dioxin (2,3,7,8-TCDD)*		0.001	0.01
Organic Lead Compounds**			13

See Sec 22-66261.27.(a).(7) for Additional Toxicity Compound/Criteria. Title (26) 22 Toxicity Criteria Section 22-66261.24

HAZARDOUS WASTE CHARACTERISTICS

	Matrix	Method	Criteria
Ignitability (40 CFR 261.21) (T22: 22-66261.21)	Liquid	ASTM D-93	Exhibits the characteristic of ignitability: if it is a liquid, and has a flash point <60°C (140°F). Aqueous solutions containing >24% alcohol by volume are considered ignitable and do not require flash point testing.
	Solid		Exhibits the characteristic of ignitability: if it is not a liquid and is capable, under standard temperature and pressure, of causing fire through friction, absorption of moisture or spontaneous chemical changes and, when ignited, burns so vigorously and persistently that it creates a hazard.
Corrosivity (40 CFR 261.22) (T22: 22-66261.22)	Liquid	EPA 9040 EPA 1110, NACE	Exhibits the characteristic of corrosivity if it is aqueous and has a pH ≤ 2 or ≥12.5 (Sec 260.20 and 260.21) If it corrodes steel (SAE 1020) at rate >6.35 mm or 0.250 in. per year at a test temperature of 55°C (130°F)
	Solid	EPA 9045	If it is not aqueous and, when mixed with an equivalent weight of water, produces a solution having a pH ≤ 2 or ≥12.5
Reactivity (40 CFR 261.22) (T22:22-66261.23)		SW846, Chapter 7	Exhibits the characteristic of reactivity: if the waste has any of the following properties: 1. It is normally unstable and readily undergoes violent change without detonating. 2. It reacts violently with water. 3. It forms potentially explosive mixtures with water. 4. When mixed with water, it generates toxic gases, vapors, or fumes in a quantity sufficient to present a danger to human health or environment. 5. It is a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 and 12.5 can generate toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.
		Sec.7.3.3.	The current EPA guidance level is: Total releasable cyanide: 250 mg HCN/kg waste. The current EPA guidance level is: Total releasable sulfide: 500 mg H_2S/kg waste. 6. It is readily capable of detonation or explosive reaction if it is a subjected to a strong initiating source or if heated under confinement. 7. It is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure 8. It is a forbidden explosive, as defined in 49 CFR 173.51 or a class A or B explosive, as defined in 49 CFR 173.53 and 173.88.

TOXICITY Fish {Title 26 sec 66261.24(6)} **SMWW 18th Ed.** A waste, or material is toxic and hazardous if (6) has an acute aquatic 96-Hour LC50 less than 500mb/L.

NOTE: Criteria and limits are abbreviated for quick reference purposes only. Specific sources should always be referenced for a detailed, complete and up-to-date listing of regulatory criteria.

eurofins | Calscience

Laboratory Location:
7440 Lincoln Way
Garden Grove, CA 92841-1432

For information, please contact Sales Department at
t:(714)895-5494, f:(714)894-7501 or
us26_sales@eurofinsus.com

Revision Date: 06/18/2012

APPENDIX C

RECORDING REQUESTED BY:

Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719

WHEN RECORDED, MAIL TO:

Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630
Attention: A. Edward Morelan, Branch Chief
Site Mitigation and Restoration Program

And

U.S. Environmental Protection Agency
Region IX
Attention: PCB Coordinator (Land Chemicals and Redevelopment Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

LAND USE COVENANT AND AGREEMENT
ENVIRONMENTAL RESTRICTIONS

County of Riverside, Assessor Parcel Number(s): 107-030-022-3
Clow Valve Company
(Department Site Code 600876-48)

This Land Use Covenant and Agreement ("Covenant") is made by and between Clow Valve Company (the "Covenantor"), the current owner of property located at 1375 Magnolia Avenue, Corona in the County of Riverside, State of California (the "Property"), and the Department of Toxic Substances Control (the "Department"). Pursuant to Civil Code section 1471, the Department has determined that this Covenant is reasonably necessary to protect present or future human health or safety or the environment as a result of the presence on the land of hazardous materials as defined

in Health and Safety Code section 25260. The Covenantor and the Department hereby agree that, pursuant to Civil Code section 1471 and Health and Safety Code section 25202.5 the use of the Property be restricted as set forth in this Covenant and that the Covenant shall conform with the requirements of California Code of Regulations, title 22, section 67391.1. With respect to the Polychlorinated Biphenyls (PCBs) at the Property, the provisions of this Covenant shall be for the benefit of, and shall be enforceable by, the United States Environmental Protection Agency ("U.S. EPA"), as a third party beneficiary pursuant to general contract law, including but not limited to Civil Code section 1559.

ARTICLE I
STATEMENT OF FACTS

1.01. Property Location. The Property, located at 1375 Magnolia Avenue, Corona, County of Riverside, California, that is subject to this Covenant, totaling approximately 16 acres, is more particularly described in the attached Exhibit A, "Legal Description of the Property", and depicted in Exhibit B, "Plot Plan". The Property is located in the area generally bounded by Magnolia Avenue on the south, railroad tracks and El Camino Avenue on the west, and a storm water channel towards the north and east. The Property is also identified as County of Riverside, Assessor's Parcel Number 107-030-022-3.

(a) A limited portion of the Property is more particularly described in Exhibit C, "Legal Description of the Capped Property", and illustrated in Exhibit D, "Sketch", referred to as the "Capped Property". The "Capped Property", totaling approximately 9.964 acres of soil impacted by hazardous substances, is located on the northern portion of the Property now generally bounded by railroad and El Camino Avenue on the west, storm channel on the north and east. Its southern border runs parallel to Magnolia Avenue, approximately 195 feet north of Magnolia Avenue.

(b) A limited portion of the Property is more particularly described in Exhibit D as "Area 1" a Former Asphalt Dip Tank and as "Area2" a PCB Transformer area. Former Asphalt Dip Tank was previously located, approximately 620 feet north of Magnolia

Avenue, 510 feet east of El Camino Avenue, and 200 feet west of the storm channel western edge. The PCB Transformer area is located approximately 240 feet west of the storm channel western edge, 510 feet east of El Camino Avenue, and 600 feet north of Magnolia Avenue.

1.02. Hazardous Substances. Hazardous wastes, or constituents of hazardous waste, including Polychlorinated Biphenyl's (PCBs) (Total Aroclors up to a maximum of 2,220 milligrams per kilogram (mg/kg)), Total Petroleum Hydrocarbons (TPH) (up to a maximum of 9,300 mg/kg), arsenic (up to a maximum of 52.9 mg/kg), cadmium (up to a maximum of 43.9 mg/kg), hexavalent chromium (up to a maximum of 6.6 mg/kg), and lead (up to a maximum of 7,360 mg/kg) in soil, and volatile organic compounds, such as tetrachloroethylene (PCE) (up to a maximum of 3 microgram/liter (ug/l)), in the soil gas remain at the Property above levels acceptable for unrestricted land use.

As of February 25, 2021, PCB concentrations in the soil at the Former Asphalt Dip Tank Bottom and PCB Transformer exceed the level for unrestricted use and the USEPA's site-specific industrial risk-based threshold of 15 mg/kg. PCB concentrations present in soils of the PCB Transformer area exceed the California hazardous waste level of Total Threshold Limit Concentration (TTLC) of 50 mg/kg.

As of February 25, 2021, lead concentrations detected in the soil at the Capped Property exceeded 320 milligrams per kilogram, a level deemed safe by DTSC for the continued use of the Site for industrial use and the TTLC of 1,000 mg/kg. A Human Health Risk Assessment (HHRA) was performed to evaluate the potential health risks associated with direct exposure of workers at the Property to soil containing Chemicals of Potential Concern (COPCs). Based on the HHRA, potential health risk to a commercial or industrial worker is $1x10^{-5}$ and to a construction worker is $2x10^{-4}$. The estimated Hazard Index (HI) for a commercial/industrial worker at the Property is 1.9, primarily due to the potential exposure to PCBs and cadmium. The estimated HI for a construction worker at the Property is 458. U.S. EPA recommends an HI of 1 or below and health risk below $1x10^{-6}$. The calculated risks were primarily associated with direct exposure to impacted soil and associated soil ingestion or dermal exposure, both of which will be eliminated by installation and maintenance of the capping materials described herein.

1.03. Remediation of Property. This Property has been investigated and/or remediated under the Department's oversight. The Department approved a Corrective Measures Study, dated February 19, 2018, prepared by EarthCon Consultants CA, Inc, in accordance with Health and Safety Code, Division 20, Chapter 6.5. The remediation activities at the Property include:

a) Construction of an approximately 5,000 square foot, 6-inch thick concrete or 3-inch thick asphalt cap in two areas encompassing approximately one-half acre, identified as Areas of Concern (AOCs), AOC-1 and AOC-5 (see Exhibit B).
b) Repair and maintenance of the existing asphalt and/or concrete surface cover of the Capped Property;
c) Soil Management Plan and Operation and Maintenance Plan preapproval by the Department for all future construction work involving soil excavation at the Capped Property; and,
d) Land use restriction recorded with the Riverside County Assessor's Office to prohibit sensitive uses.

1.04. PCB Remediation overseen by U.S. EPA. In addition to the corrective action measures for the Property under the Department's oversight, U.S. EPA approved with conditions the Risk-Based Approval Application submitted by EarthCon Consultants, CA, Inc. on behalf of Clow Valve Company dated April 9, 2019 to remediate PCBs at the Property. PCBs are regulated by the U.S. EPA pursuant to the Toxic Substances Control Act (TSCA), 15 U.S.C. Section 2601 et seq., and the PCB regulations at 40 Code of Federal Regulations (CFR) Part 761. This document is available in Envirostor, an online document repository at https://www.envirostor.dtsc.ca.gov/public/deliverable_documents/1318022012/2019-04-23_EPA%20to%20Clow%20Valve_761.61%28c%29_SIGNED.pdf

1.05. Basis for Environmental Restrictions. As a result of the presence of Hazardous Wastes, PCBs, TPH, arsenic, cadmium, lead, and PCE, which are also hazardous materials as defined in Health and Safety Code section 25260, at the Property, the Department has concluded that it is reasonably necessary to restrict the

use of the Property in order to protect present or future human health or safety or the environment, and that this Covenant is required as part of the Department-approved remedy for the Property. The Department has also concluded that the Property, as remediated and when used in compliance with the Environmental Restrictions of this Covenant, does not present an unacceptable risk to present and future human health or safety or the environment.

1.06. Land Use Covenant. A land use covenant is necessary to preclude potential users' exposure to hazardous substances that remain at the Property and to complete the remedy selected in the Corrective Measures Study. U.S. EPA, with the concurrence of the Department, has concluded that the Property, remediated to the goals presented in the Corrective Measures Study, subject to the restrictions of this Covenant, and used in compliance with such restrictions, does not present an unacceptable threat to present or future human health or safety or the environment. Additional information about the Site, including the 2019 PCB risk analysis by U.S. EPA, is available at the Envirostor, an online repository listed in paragraph 1.04, above.

ARTICLE II
DEFINITIONS

2.01. Department. "Department" means the California Department of Toxic Substances Control and includes its successor agencies, if any.

2.02. Environmental Restrictions. "Environmental Restrictions" means all protective provisions, covenants, restrictions, requirements, prohibitions, and terms and conditions as set forth in this Covenant.

2.03. Improvements. "Improvements" includes, but is not limited to buildings, structures, roads, driveways, improved parking areas, wells, pipelines, or other utilities.

2.04. Lease. "Lease" means lease, rental agreement, or any other document that creates a right to use or occupy any portion of the Property.

2.05. Occupant. "Occupant" or "Occupants" means Owner and any person or entity entitled by ownership, leasehold, or other legal relationship to the right to occupy any portion of the Property.

2.06. Owner. "Owner" or “Owners” means the Covenantor, and any successor in interest including any heir and assignee, who at any time holds title to all or any portion of the Property.

2.07. U.S. EPA. “U.S. EPA” means the United States Environmental Protection Agency, and includes its successor agencies, if any.

ARTICLE III
GENERAL PROVISIONS

3.01. Runs with the Land. This Covenant sets forth Environmental Restrictions that apply to and encumber the Property and every portion thereof no matter how it is improved, held, used, occupied, leased, sold, hypothecated, encumbered, or conveyed. This Covenant: (a) runs with the land pursuant to Civil Code section 1471 and Health and Safety Code section 25202.5; (b) inures to the benefit of and passes with each and every portion of the Property; (c) is for the benefit of, and is enforceable by the Department; and (d) is imposed upon the entire Property unless expressly stated as applicable only to a specific portion thereof.

3.02. Binding upon Owners/Occupants. This Covenant: (a) binds all Owners of the Property, their heirs, successors, and assignees; and (b) the agents, employees, and lessees of the Owners and the Owners’ heirs, successors, and assignees. Pursuant to Civil Code section 1471, all successive Owners of the Property are expressly bound hereby for the benefit of the Department; this Covenant, however, is binding on all Owners and Occupants, and their respective successors and assignees, only during their respective periods of ownership or occupancy except that such Owners or Occupants shall continue to be liable for any violations of, or non-compliance with, the Environmental Restrictions of this Covenant or any acts or omissions during their ownership or occupancy.

3.03. Written Notice of the Presence of Hazardous Substances. Prior to the sale, lease, assignment, or other transfer of the Property, or any portion thereof, the Owner, lessor, or sublessor shall give the buyer, lessee, or sublessee written notice of the existence of this Covenant and its Environmental Restrictions.

3.04. Incorporation into Deeds and Leases. This Covenant shall be

incorporated by reference in each and every deed and Lease for any portion of the Property.

3.05. Conveyance of Property. The Owner and new Owner shall provide Notice to the Department and the U.S. EPA not later than 30 calendar days after any conveyance or receipt of any ownership interest in the Property (excluding Leases, and mortgages, liens, and other non-possessory encumbrances). The Notice shall include the name and mailing address of the new Owner of the Property and shall reference the site name and site code as listed on page one of this Covenant. The notice shall also include the Assessor's Parcel Number(s) noted on page one. If the new Owner's property has been assigned a different Assessor Parcel Number, each such Assessor Parcel Number that covers the Property must be provided. The Department shall not, by reason of this Covenant, have authority to approve, disapprove, or otherwise affect proposed conveyance, except as otherwise provided by law or by administrative order.

3.06. Costs of Administering the Covenant to Be Paid by Owner. The Department has already incurred and will in the future incur costs associated with this Covenant. Therefore, the Covenantor hereby covenants for the Covenantor and for all subsequent Owners that, pursuant to California Code of Regulations, title 22, section 67391.1(h), the Owner agrees to pay the Department's costs in administering, implementing and enforcing this Covenant.

ARTICLE IV
RESTRICTIONS AND REQUIREMENTS

4.01. Prohibited Uses. The Property shall not be used for any of the following purposes without prior written approval by the Department pursuant to Health and Safety Code section 25227 and prior written notice to U.S. EPA :

(a) A residence, including single or multifamily housing, mobile homes, or factory-built housing constructed or installed for use as residential human habitation.

(b) A hospital for humans.

(c) A public or private school for persons under 18 years of age.

(d) A day care center or a playground for children.

4.02. Soil Management. Soil management activities at the Capped Property are subject to the following requirements in addition to any other applicable Environmental Restrictions:

(a) No activities that will disturb the soil at or below grade or below concrete (e.g., excavation, grading, removal, trenching, filling, earth movement, mining, or drilling) shall be allowed at the Property without a Soil Management Plan pre-approved by the Department and U.S. EPA in writing.

(b) Any soil brought to the surface by grading, excavation, trenching or backfilling shall be managed in accordance with all applicable provisions of state and federal law.

4.03. Prohibited Activities. The following activities shall not be conducted at the Property:

(a) Drilling for any water, oil, or gas without prior written approval by the Department.

(b) Extraction or removal of groundwater without a Groundwater Management Plan pre-approved by the Department in writing.

(c) Activity that may alter, interfere with, or otherwise affect the integrity or effectiveness of, or the access to, monitoring, operation or maintenance of the concrete cover at the Capped Property without prior written approval of the Department and U.S. EPA.

4.04. Written Notice of Covenant. Prior to any sale, lease, or rental of any portion of the Property, the Owner shall provide a copy of this Covenant to the buyer, lessee, or renter to ensure that the buyer, lessee, or renter is on notice of the restrictions and requirements of this Covenant. Prior to recordation of any easement on any portion of the Property, the Owner shall provide a copy of this Covenant to the easement holder to ensure that the easement holder is on notice of the restrictions and requirements of this Covenant. Covenantor shall also provide a copy of this Covenant to all existing Occupants and easement holders of record within 30 days of recording this Covenant.

4.05. Access for Department. The Department shall have reasonable right of entry and access to the Property for inspection, investigation, remediation, monitoring, and other activities as deemed necessary by the Department in order to protect human health or safety or the environment. Nothing in this instrument shall limit or otherwise affect the Department's right of entry and access, or authority to take response actions, under any applicable State Law.

4.06. Access for U.S EPA. The U.S. EPA shall have reasonable right of entry and access to the Property for inspection, investigation, remediation, monitoring, and other activities as deemed necessary by the U.S. EPA in order to protect human health or safety or the environment. Nothing in this instrument shall limit or otherwise affect U.S. EPA's right of entry and access, or U.S. EPA's authority to take actions, under any applicable law.

4.07. Access for Implementing Operation and Maintenance. The entity or person responsible for implementing the operation and maintenance activities, if any, shall have reasonable right of entry and access to the Property for the purpose of implementing such operation and maintenance activities until the Department determines that no further operation and maintenance activity is required.

4.08. Inspection and Reporting Requirements. The Owner shall conduct an annual inspection of the Property verifying compliance with this Covenant; shall submit an annual inspection report to the Department for its approval by January 15th of each year; and also send a copy to U.S. EPA. Attached as Exhibit F is a sample format for an annual inspection report. The annual inspection report must include the dates, times, and names of those who conducted the inspection and reviewed the annual inspection report. It also shall describe how the observations that were the basis for the statements and conclusions in the annual inspection report were performed (e.g., drive by, fly over, walk in, etc.). If any violation is noted, the annual inspection report must detail the steps taken to correct the violation and return to compliance. If the Owner identifies any violations of this Covenant during the annual inspection or at any other

time, the Owner must within 10 calendar days of identifying the violation: (a) determine the identity of the party in violation; (b) send a letter advising the party of the violation of the Covenant; and (c) demand that the violation cease immediately. Additionally, a copy of any correspondence related to the violation of this Covenant shall be sent to the Department and U.S. EPA within 10 calendar days of its original transmission.

4.09. Five-Year Review. In addition to the annual reviews noted above, after a period of five (5) years from January 15, 2021 and every five (5) years thereafter, Owner shall submit a Five-Year Review report documenting its review of the remedy implemented and its evaluation to determine if human health and the environment are being adequately protected by the remedy as implemented. The Owner shall submit this report to DTSC, and submit a copy to U.S. EPA. The report shall describe the results of all inspections, sampling analyses, tests and other data generated or received by Owner and evaluate the adequacy of the implemented remedy in protecting human health and the environment. As a result of any review work performed, Department may require Owner to perform additional review work or modify the review work previously performed by Owner.

4.10. Changes to Use or Condition of Property. Any changes to land use, movement of PCB contaminated soils, or discovery of new contamination requires notification to, and may require additional approval from, the U.S. EPA by the Owner and/or Occupant.

4.11. Access for Five-Year Reviews. The entity, person or persons responsible for Five-Year Reviews shall have reasonable right of entry and access to the Property for the purpose of implementing these activities. Such right of entry and access shall continue until such time as the U.S. EPA and DTSC both determine that no further Five-Year Review activities are required.

ARTICLE V
ENFORCEMENT

5.01. Enforcement. Failure of the Owner or Occupant to comply with this Covenant shall be grounds for the Department to require modification or removal of any Improvements constructed or placed upon any portion of the Property in violation of this

Covenant. Violation of this Covenant, such as failure to submit (including submission of any false statement) record or report to the Department, shall be grounds for the Department to pursue administrative, civil, or criminal actions, as provided by law.

5.02. Enforcement Rights of U.S. EPA as Third-Party Beneficiary. U.S. EPA, as a third-party beneficiary, has the right to enforce the Environmental Restrictions contained herein.

ARTICLE VI
VARIANCE, REMOVAL AND TERM

6.01. Variance from Environmental Restrictions. Any person may apply to the Department for a written variance from any of the Environmental Restrictions imposed by this Covenant. Such application shall be made in accordance with Health and Safety Code section 25223. A copy of the application shall be submitted to the U.S. EPA simultaneously with the application submitted to the Department. No variance may be granted under this paragraph without prior notice and opportunity to comment by U.S. EPA.

6.02 Termination, Modification, and/or Removal of Environmental Restrictions. Any person may apply to the Department to terminate, modify, and/or remove any or all of the Environmental Restrictions imposed by this Covenant or terminate the Covenant in its entirety. Such application shall be made in accordance with Health and Safety Code section 25224 and a copy of the application shall be submitted to U.S. EPA simultaneously with the application submitted to the Department. No termination may be granted under this paragraph without prior notice to and opportunity to comment by U.S. EPA.

6.03 Term. Unless ended in accordance with paragraph 6.02, by law, or by the Department in the exercise of its discretion, this Covenant, after providing notice to and an opportunity to comment by U.S. EPA, shall continue in effect in perpetuity.

ARTICLE VII
MISCELLANEOUS

7.01. No Dedication Intended. Nothing set forth in this Covenant shall be

construed to be a gift or dedication, or offer of a gift or dedication, of the Property, or any portion thereof, to the general public or anyone else for any purpose whatsoever.

7.02. Recordation. The Covenantor shall record this Covenant, with all referenced Exhibits, in the County of Riverside within 10 calendar days of the Covenantor's receipt of a fully executed original. The Covenantor shall also provide copies showing the County Recorder's tracking information of its recording (i.e., document number or book and page number information) to the Department and U.S. EPA within ten (10) days of receiving it from the County Recorder's Office.

7.03. Notices. Whenever any person gives or serves any Notice ("Notice" as used herein includes any demand or other communication with respect to this Covenant), each such Notice shall be in writing and shall be deemed effective: (a) when delivered, if personally delivered to the person being served or to an officer of a corporate party being served; or (b) five calendar days after deposit in the mail, if mailed by United States mail, postage paid, certified, return receipt requested:

To Owner:
Mark Willett, General Manager
Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719
And

To Department:
A. Edward Morelan, Chief
Cypress Cleanup Branch
Site Mitigation and Restoration Program
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

To U.S. EPA:
U.S. Environmental Protection Agency
Region IX
Attention**:** PCB Coordinator (Land Chemicals and Redevelopment Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

Any party may change its address or the individual to whose attention a Notice is to be

sent by giving advance written Notice in compliance with this paragraph.

7.04. Partial Invalidity. If this Covenant or any of its terms are determined by a court of competent jurisdiction to be invalid for any reason, the surviving portions of this Covenant shall remain in full force and effect as if such portion found invalid had not been included herein.

7.05. Statutory References. All statutory or regulatory references include successor provisions.

7.06. Incorporation of Exhibits. All exhibits and attachments to this Covenant are incorporated herein by reference.

IN WITNESS WHEREOF, the Covenantor and the Department hereby execute this Covenant.

Covenantor: Clow Valve Company

By: _____ Date: _____

Name and Title: Mark Willett, General Manager

Department of Toxic Substances Control:

By: _____ Date: _____

Name and Title: A. Edward Morelan, Chief
Cypress Cleanup Branch
Site Mitigation and Restoration Program

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me,

_____

(space above this line is for name and title of the officer/notary),

personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

_____ (seal)

Signature of Notary Public

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me,

_____

(space above this line is for name and title of the officer/notary),

personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

_____ (seal)

Signature of Notary Public

Exhibit A – “Legal Description” – APN 107-030-022-3

Exhibit B – “Plot Plan” - APN 107-030-022-3

Exhibit C – “Capped Property” - Legal Description

Exhibit D – ”Capped Property” - Sketch

Exhibit E – “LUC Sample Annual inspection Report”

EXHIBIT "A"

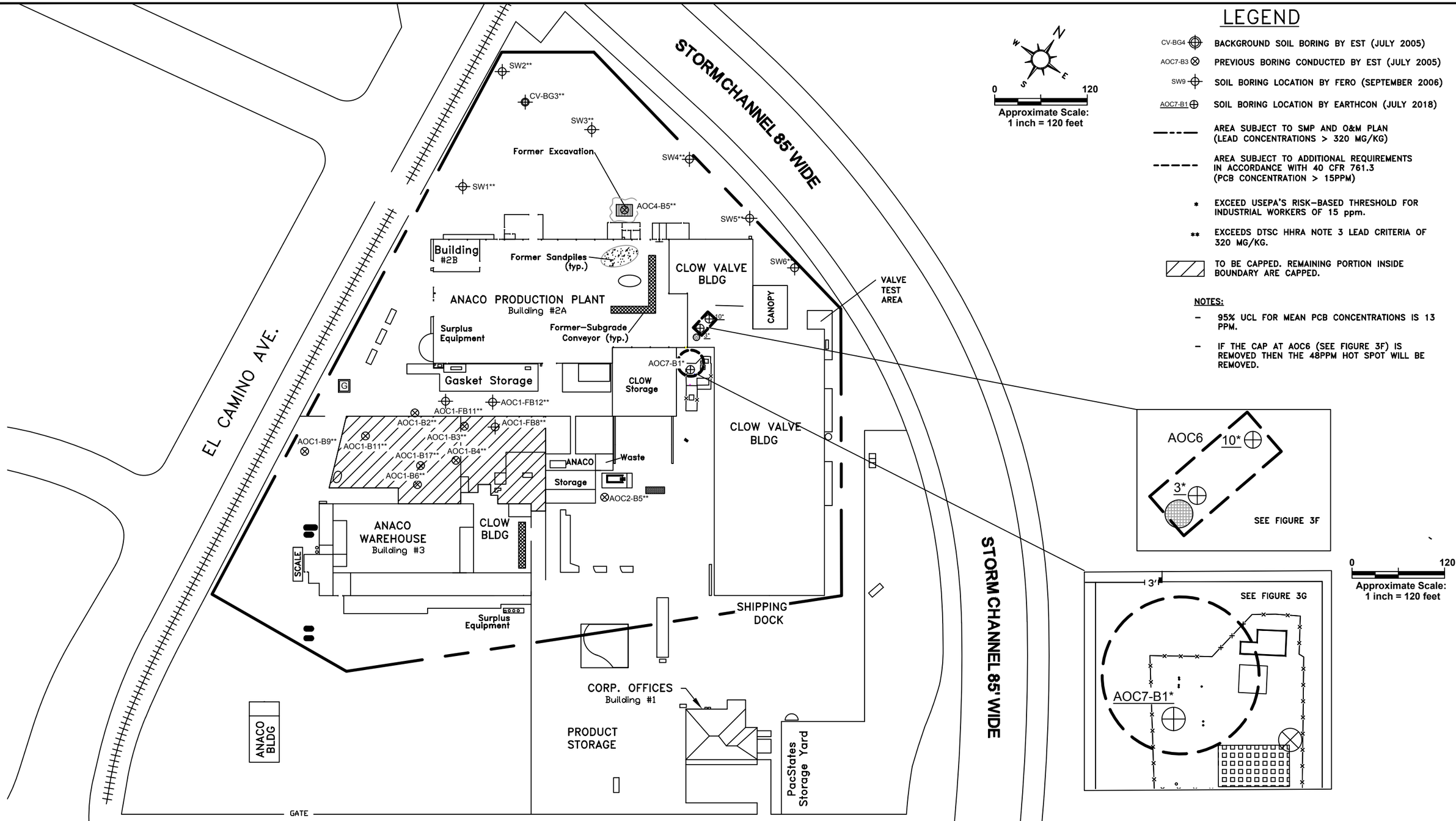
LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS; ON THE WEST BY THE EASTERLY LINE OF THE PORPHYRY SPUR OF THE ATCHISON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84-227367 AND RE-RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85-028214 BOTH OF OFFICIAL RECORDS.

APN: 107-030-022-3



LEGEND

- CV-BG4 ⊕ BACKGROUND SOIL BORING BY EST (JULY 2005)
- AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- SW9 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC7-B1 ⊕ SOIL BORING LOCATION BY EARTHCON (JULY 2018)
- AREA SUBJECT TO SMP AND O&M PLAN (LEAD CONCENTRATIONS > 320 MG/KG)
- AREA SUBJECT TO ADDITIONAL REQUIREMENTS IN ACCORDANCE WITH 40 CFR 761.3 (PCB CONCENTRATION > 15PPM)
- * EXCEED USEPA'S RISK-BASED THRESHOLD FOR INDUSTRIAL WORKERS OF 15 ppm.
- ** EXCEEDS DTSC HHRA NOTE 3 LEAD CRITERIA OF 320 MG/KG.
- TO BE CAPPED. REMAINING PORTION INSIDE BOUNDARY ARE CAPPED.

NOTES:

- 95% UCL FOR MEAN PCB CONCENTRATIONS IS 13 PPM.
- IF THE CAP AT AOC6 (SEE FIGURE 3F) IS REMOVED THEN THE 48PPM HOT SPOT WILL BE REMOVED.

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

LUC Exhibit B
SITE PLAN WITH AREAS SUBJECT TO THE LAND USE COVENANT

DRAWN:	CHECKED:	DATE:	FIGURE:
AB	JB	05/12/21	4A

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 05-12-21_F4.dwg (Subject area) 05/20/21 1314 - abasford

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EXHIBIT "C"

LEGAL DESCRIPTION

Portion of APN 107-030-022

BEING IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA. THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATION COMPANY, AS SHOWN ON MAP FILED IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COMPTON AVENUE (ALSO KNOWN AS EL CAMINO AVENUE) AND THE CENTERLINE OF TEMESCAL CREEK CHANNEL AS SHOWN ON RECORD OF SURVEY FILED IN BOOK 71, PAGES 7 THROUGH 11, INCLUSIVE, OF RECORDS OF SURVEY IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, THENCE, SOUTHEASTERLY ALONG THE CENTERLINE OF SAID TEMESCAL CREEK CHANNEL, SOUTH 79°49'49" EAST (SHOWN AS S79°48'46" EAST ON SAID RECORD OF SURVEY), 477.06 FEET; THENCE, LEAVING SAID CENTERLINE, SOUTH 10°22'04" WEST, 84.25 FEET TO THE TRUE POINT OF BEGINNING FOR THIS DESCRIPTION; THENCE, NORTH 79°37'56" WEST, 269.59 FEET; THENCE, SOUTH 56°04'15" WEST, 116.07 FEET TO A POINT ON THE EASTERLY LINE OF A.T.&S.F. RAILROAD RIGHT OF WAY AS SHOWN ON SAID RECORD OF SURVEY; THENCE, SOUTHERLY ALONG SAID EASTERLY RIGHT OF WAY LINE, SOUTH 05°28'23" EAST, 800.61 FEET; THENCE, LEAVING SAID EASTERLY RIGHT OF WAY, NORTH 83°44'45" EAST, 203.93 FEET; THENCE, NORTH 47° 08'29" EAST, 630.00 FEET; THENCE, NORTH 34°06'13" WEST, 404.00 FEET; THENCE, NORTH 79°37'56" WEST, 155.41 FEET TO THE TRUE POINT OF BEGINNING.

TOGETHER WITH TWO AREAS WITHIN THE ABOVE DESCRIBED EASEMENT, THE FIRST BEING DESCRIBED AS FOLLOWS: AREA 1, COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COMPTON AVENUE (ALSO KNOWN AS EL CAMINO AVENUE) AND THE CENTERLINE OF TEMESCAL CREEK CHANNEL AS SHOWN ON RECORD OF SURVEY FILED IN BOOK 71, PAGES 7 THROUGH 11, INCLUSIVE, OF RECORDS OF SURVEY IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, THENCE, SOUTHEASTERLY ALONG THE CENTERLINE OF SAID TEMESCAL CREEK CHANNEL, SOUTH 79°49'49" EAST (SHOWN AS S79°48'46" EAST ON SAID RECORD OF SURVEY), 477.06 FEET; THENCE, LEAVING SAID CENTERLINE, SOUTH 10°22'04" WEST, 214.25 FEET; THENCE, SOUTH 79°49'49" EAST, 75.15 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 1; THENCE, SOUTH 79°49'49" EAST, 30.00 FEET; THENCE, SOUTH 10°10'11" WEST, 30.00 FEET; THENCE, NORTH 79°49'49" WEST, 30.00 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "A"; THENCE, NORTH 10°10'11" EAST, 30.00 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 1.

EXHIBIT "C"
LEGAL DESCRIPTION
(Continued)

AREA 2, COMMENCING AT THE POINT HEREINBEFORE REFERRED TO AS POINT "A", THENCE, SOUTH 10°10'11" WEST, 13.15 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 2; THENCE, SOUTH 10°10'11" WEST, 60.00 FEET; THENCE, SOUTH 79°49'49" EAST, 60.00 FEET; THENCE, NORTH 10°10'11" EAST, 60.00 FEET; THENCE, NORTH 79°49'49" WEST, 60.00 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 2.

THE ABOVE DESCRIBED GROSS AREA EASEMENT CONTAINS 422,249 SQ.FT., 9.694 ACRES MORE OR LESS.

THE ABOVE DESCRIBED AREA 1 CONTAINS 900 SQ.FT., 0.021 ACRES MORE OR LESS.

THE ABOVE DESCRIBED AREA 2 CONTAINS 3,600 SQ.FT., 0.083 ACRES MORE OR LESS.

As shown on Exhibit "B" attached hereto and by this reference made a part hereof.

Prepared by:



Douglas Boynton, PLS4787
(562) 426-6464
March 17, 2020

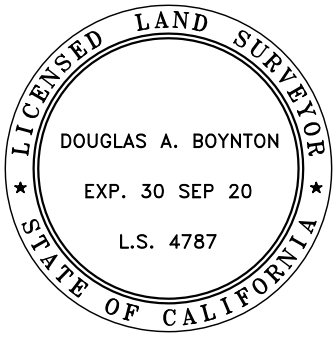
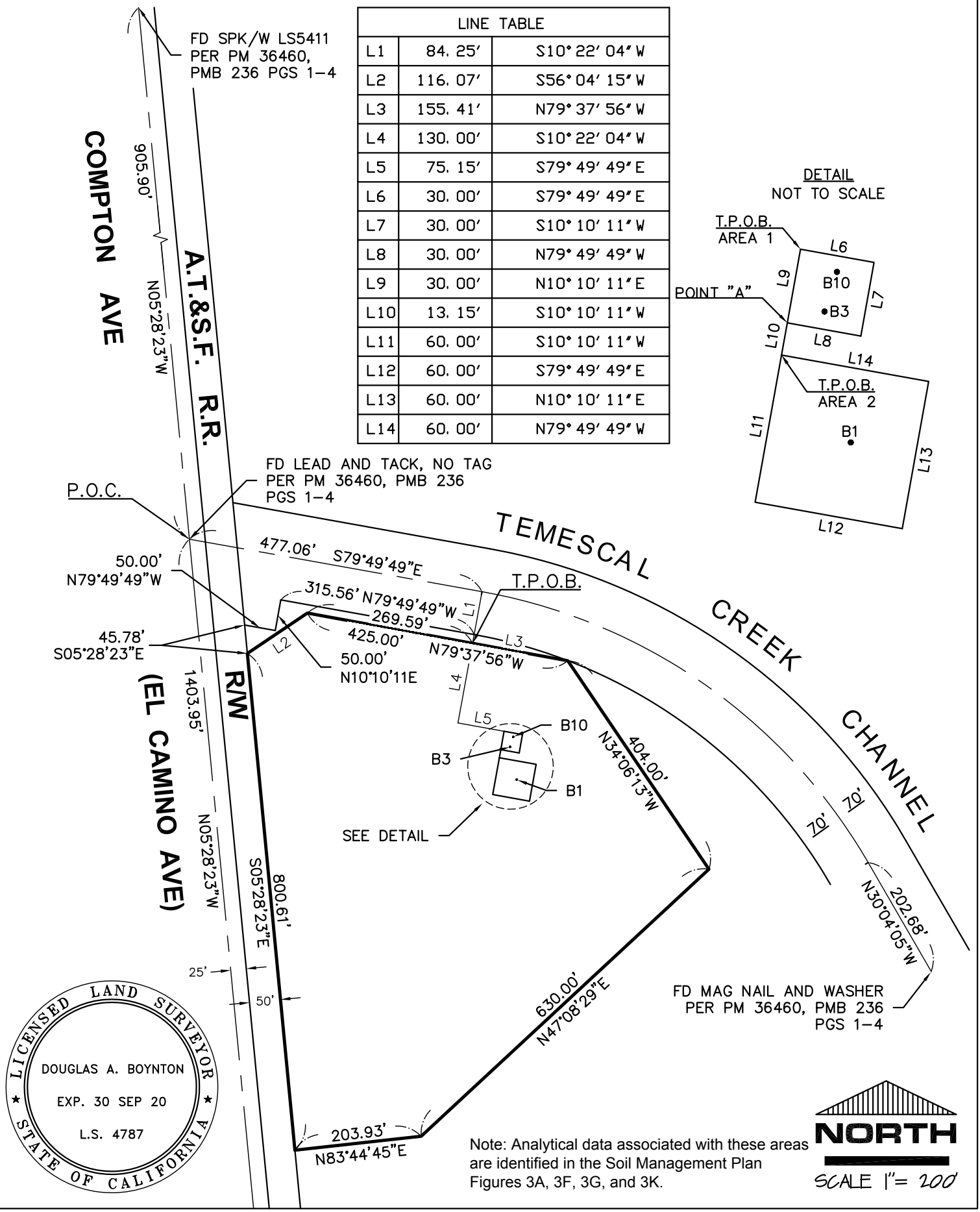


EXHIBIT "D"

Sketch to accompany Legal Description



LINE TABLE		
L1	84. 25'	S10° 22' 04" W
L2	116. 07'	S56° 04' 15" W
L3	155. 41'	N79° 37' 56" W
L4	130. 00'	S10° 22' 04" W
L5	75. 15'	S79° 49' 49" E
L6	30. 00'	S79° 49' 49" E
L7	30. 00'	S10° 10' 11" W
L8	30. 00'	N79° 49' 49" W
L9	30. 00'	N10° 10' 11" E
L10	13. 15'	S10° 10' 11" W
L11	60. 00'	S10° 10' 11" W
L12	60. 00'	S79° 49' 49" E
L13	60. 00'	N10° 10' 11" E
L14	60. 00'	N79° 49' 49" W

LICENSED LAND SURVEYOR
DOUGLAS A. BOYNTON
EXP. 30 SEP 20
L.S. 4787
STATE OF CALIFORNIA

Note: Analytical data associated with these areas are identified in the Soil Management Plan Figures 3A, 3F, 3G, and 3K.

NORTH

SCALE 1"= 200'

EXHIBIT E

LAND USE COVENANT
SAMPLE ANNUAL INSPECTION REPORT (2 Pages)

Site name:

Site address:

Current Site owner:

Date and times of inspection:

Name(s) of individual(s) who performed inspection:

How inspection observations were made (e.g. drive-by, fly-over, walking the Property):

1. Since the last annual inspection, has there been a change in the land use, such that there are now residences, a hospital for humans, a public or private school for persons under 21 years of age, or a day care center for children on the restricted Property?
   ☐ Yes ☐ No ☐ Not an applicable restriction

2. Since the last annual inspection, has the soil been disturbed on the restricted Property? Was evidence of soil disturbance observed on the restricted Property during the inspection?
   ☐ Yes ☐ No ☐ Not an applicable restriction

3. Since the last annual inspection, has there been any drilling on the restricted Property? Was evidence of drilling observed on the restricted Property during the inspection?
   ☐ Yes ☐ No ☐ Not an applicable restriction

Cap Condition

4. Since the last annual inspection, has there been any damage to, disturbance of, or modifications to the existing building foundation and/or surrounding pavement that serves as the cap over contaminated soil?
   ☐ Yes ☐ No

5. Has there been any damage to, disturbance of, or modifications to the asphalt/concrete Cap covering the restricted Property?
   ☐ Yes ☐ No

Land Use Covenant Compliance

6. Has there been a change in the land use of the property from commercial/industrial?
   ☐ Yes ☐ No

If the response to any of the above questions is yes, describe the circumstances.

Photos should be attached to this report that show the use of the Restricted Property at the time of the inspection and the condition of any Caps on the restricted Property. Photos showing any cracks in or damage to the Cap should also be included.

I certify under penalty of law that this document and all attachments were prepared by me or under my direction or supervision. With the exception of any areas of non-compliance noted above, all uses and activities on the restricted Property were found to be in compliance with the restrictions and requirements of the Land Use Covenant. Based on my personal knowledge or inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

_____ _____

Signature of Property Owner or Representative Date

_____ _____

Print Name Title

APPENDIX D

CITY OF CORONA
PRECISE GRADING PLAN
1375 MAGNOLIA AVENUE

GRADING GENERAL NOTES

1. A GRADING PERMIT FROM THE PUBLIC WORKS DEPARTMENT IS REQUIRED. ALL GRADING SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF CORONA GRADING REGULATIONS– CORONA MUNICIPAL CODE 15.36, THESE PLANS, SPECIAL INSTRUCTIONS ON THE PERMIT, AND THE GEOTECHNICAL INVESTIGATION AND LIQUEFACTION EVALUATION DATED SEPTEMBER 10, 2019 BY GEOTECHNICAL PROFESSIONALS INC., AND ALL SUBSEQUENT ADDENDA.
2. SOURCE OF TOPOGRAPHY IS BASED ON FIELD SURVEY DATED SEPTEMBER 23, 2018.
3. A PRE–GRADING MEETING AT THE SITE IS REQUIRED BETWEEN THE CITY INSPECTOR, THE CIVIL ENGINEER, THE GEOTECHNICAL ENGINEER AND THE GRADING CONTRACTOR. CALL THE PUBLIC WORKS DEPARTMENT INSPECTION DIVISION AT (951) 279–3511 TO SCHEDULE A PRE–GRADING MEETING AT LEAST 48 HOURS PRIOR TO START OF ANY WORK.
4. HOURS OF OPERATION ARE 7:00 A.M. TO 5:00 P.M. – MONDAY THROUGH FRIDAY EXCLUDING HOLIDAYS.
5. SEPARATE PERMITS SHALL BE REQUIRED FOR ANY IMPROVEMENT WORK IN THE PUBLIC RIGHT–OF–WAY.
6. CONSTRUCTION MATERIAL AND EQUIPMENT SHALL NOT OCCUPY ANY PORTION OF THE PUBLIC RIGHT–OF–WAY, SUCH AS STREET, ALLEY OR PUBLIC SIDEWALK AT ANY TIME. TEMPORARY USE OF PUBLIC RIGHT–OF–WAY, WHENEVER REQUESTED, MUST BE REVIEWED AND APPROVED BY THE PUBLIC WORKS DIRECTOR.
7. REPAIR OR REPLACE ALL EXISTING DAMAGED OR ALTERED PUBLIC IMPROVEMENTS AS REQUIRED BY THE PUBLIC WORKS DIRECTOR.
8. ALL SURVEY MONUMENTS SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A QUALIFIED CIVIL ENGINEER OR A LICENSED LAND SURVEYOR.
9. PRIOR TO TAKING WATER FROM A CITY FIRE HYDRANT, THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE PUBLIC WORKS DEPARTMENT TO OBTAIN A FIRE HYDRANT WATER METER. METER LOCATION MAY NOT BE ALTERED WITHOUT DEPARTMENT OF WATER AND POWER APPROVAL.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES OR STRUCTURES ABOVE OR BELOW GROUND, SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGE TO ANY UTILITIES OR STRUCTURES CAUSED BY HIS OPERATION.
11. STRICT ADHERENCE TO DUST CONTROL REQUIREMENTS SHALL BE ENFORCED. ADJACENT STREETS ARE TO BE CLEANED DAILY OF ALL DIRT AND DEBRIS RESULTING FROM THIS OPERATION.
12. SEPARATE PERMITS FROM THE BUILDING DIVISION SHALL BE REQUIRED FOR ALL WALLS.
13. AN APPROVED PRECISE GRADING PLAN WILL BE REQUIRED PRIOR TO A BUILDING PERMIT BEING ISSUED.
14. THE DESIGN CIVIL ENGINEER/GEOTECHNICAL ENGINEER/ENGINEERING GEOLOGIST OF RECORD SHALL EXERCISE SUFFICIENT CONTROL DURING GRADING AND CONSTRUCTION TO ENSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE REQUIREMENTS WITHIN THEIR PURVIEW. THE ENGINEERS SHALL SUBMIT "ACKNOWLEDGMENT CONCERNING EMPLOYMENT" FORM TO THE CITY PRIOR TO THE ISSUANCE OF A GRADING PERMIT.
15. REVISIONS TO THE PLANS ARE TO BE SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR REVIEW AND APPROVAL PRIOR TO CHANGING ORIGINAL MYLARS.
16. THE CIVIL ENGINEER SHALL SUBMIT WRITTEN CERTIFICATION OF COMPLETION OF ROUGH GRADING IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND CERTIFICATION OF BUILDING PAD ELEVATION PRIOR TO ISSUANCE OF THE BUILDING PERMIT. PAD ELEVATION GRADING TOLERANCE SHALL NOT EXCEED ±0.10'.
17. AN "AS–BUILT" GRADING PLAN SHALL BE SUBMITTED AT THE COMPLETION OF WORK SHOWING ALL WATER QUALITY MANAGEMENT PLAN FACILITIES.
18. GRADING SHALL BE PERFORMED UNDER THE SUPERVISION OF THE GEOTECHNICAL ENGINEER WHO SHALL CERTIFY THAT ALL FILL HAS BEEN PROPERLY PLACED AND SUBMIT A FINAL COMPACTION REPORT FOR ALL FILLS OVER 1' DEEP.
19. THE GEOTECHNICAL ENGINEER SHALL, AFTER CLEARING AND PRIOR TO THE PLACEMENT OF FILL IN CANYONS, INSPECT EACH CANYON FOR AREAS OF ADVERSE STABILITY AND TO DETERMINE THE PRESENCE OR ABSENCE OF SUBSURFACE WATER OR SPRING FLOW. IF NEEDED, DRAINS WILL BE DESIGNED AND CONSTRUCTED PRIOR TO THE PLACEMENT OF FILL IN EACH RESPECTIVE CANYON.
20. FILL AREAS SHALL BE CLEANED OF ALL VEGETATION AND DEBRIS, SCARIFIED TO A MINIMUM DEPTH OF 12 INCHES AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACING OF FILL.
21. ALL DELETERIOUS MATERIALS, I.E., LUMBER, LOGS, BRUSH, OR ANY OTHER ORGANIC MATERIALS OR RUBBISH SHALL BE REMOVED FROM ALL AREAS TO RECEIVE COMPACTED FILL.
22. UNSUITABLE MATERIALS, SUCH AS TOPSOIL, WEATHERED BEDROCK, ETC., SHALL BE REMOVED AS REQUIRED BY GEOTECHNICAL ENGINEER (AND ENGINEERING GEOLOGIST, WHERE EMPLOYED) FROM ALL AREAS TO RECEIVE COMPACTED FILL OR DRAINAGE STRUCTURES.
23. FILLS SHALL BE BENCHED INTO COMPETENT MATERIAL.
24. WHEN CUT PADS ARE BROUGHT TO NEAR GRADE, THE GEOTECHNICAL ENGINEER SHALL DETERMINE IF THE BEDROCK IS EXTENSIVELY FRACTURED OR FAULTED AND WILL READILY TRANSMIT WATER. IF CONSIDERED NECESSARY BY THE GEOTECHNICAL ENGINEER, A COMPACTED FILL BLANKET WILL BE PLACED.
25. WHERE SUPPORT OR BUTTRESSING OF CUT AND NATURAL SLOPES IS DETERMINED TO BE NECESSARY BY THE GEOTECHNICAL ENGINEER, THE GEOTECHNICAL ENGINEER SHALL SUBMIT DESIGN, LOCATIONS AND CALCULATIONS TO THE PUBLIC WORKS DIRECTOR PRIOR TO CONSTRUCTION. THE GEOTECHNICAL ENGINEER WILL INSPECT AND CONTROL THE CONSTRUCTION OF THE BUTTRESSING AND CERTIFY TO THE STABILITY OF THE SLOPE AND ADJACENT STRUCTURES UPON COMPLETION.
26. ALL CUT SLOPES SHALL BE INVESTIGATED, BOTH DURING AND AFTER GRADING BY THE GEOTECHNICAL ENGINEER, TO DETERMINE IF ANY SLOPE HAS STABILITY PROBLEMS. SHOULD EXCAVATION DISCLOSE ANY GEOLOGICAL HAZARDS, THE GEOTECHNICAL ENGINEER SHALL RECOMMEND NECESSARY TREATMENT TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL. ALL APPROVALS TO BE GRANTED ON THE BASIS OF DETAILED GEOLOGICAL MAPPING AND WRITTEN RECOMMENDATION FROM THE GEOTECHNICAL ENGINEER.
27. MAXIMUM ALLOWABLE CUT AND FILL SLOPES ARE 2 TO 1 OR 30' IN HEIGHT WITHOUT APPROVAL OF THE PUBLIC WORKS DIRECTOR. IF PROPOSED CUT AND FILL SLOPES ARE STEEPER THAN 2:1 OR OVER 30' IN HEIGHT, STABILITY CALCULATIONS WITH A SAFETY FACTOR OF AT LEAST ONE AND FIVE TENTHS (1.5) SHALL BE SUBMITTED BY A GEOTECHNICAL ENGINEER FOR APPROVAL FROM THE PUBLIC WORKS DIRECTOR.
28. PROVIDE 4' WIDE BY 1' HIGH BERM OR EQUIVALENT ALONG THE TOP OF ALL FILL SLOPES OVER 5' HIGH, EXCEPT WHERE SHOWN OTHERWISE ON THE PLANS.
29. ALL SLOPES ADJACENT TO PUBLIC RIGHT–OF–WAY SHALL CONFORM TO SECTION 15.36.220 OF THE CORONA MUNICIPAL CODE.
30. ALL SLOPES 4' OR HIGHER SHALL BE PLANTED AND COMPLY WITH REQUIREMENTS OF CHAPTER 17 OF THE CORONA MUNICIPAL CODE.
31. TERRACE DRAINS, INTERCEPTOR DRAINS AND DOWN DRAINS SHALL BE CONSTRUCTED OF 4" P.C.C. (OR GUNITE) REINFORCED WITH 6"x6" –2 1.4x1.4 W.W.M. REBAR SHALL BE GRADE 60 BILLET STEEL CONFORMING TO ASTM A615.
32. ALL CONCRETE STRUCTURES THAT COME IN CONTACT WITH THE ON–SITE SOILS SHALL BE CONSTRUCTED WITH TYPE II OR V CEMENT AS DEEMED NECESSARY BY SOLUBLE SULFATE CONTENT TEST CONDUCTED BY THE GEOTECHNICAL ENGINEER. ALL CONCRETE SHALL BE CITY STANDARD 560–C–3250 (600–E 3250 FOR GUNITE) PER CITY STANDARD SPECIFICATIONS.
33. GROUND SHALL BE PRE–WETTED PRIOR TO THE PLACEMENT OF CONCRETE. MOISTURE LOSS RETARDANT SHALL BE USED WHEN REQUIRED BY THE GEOTECHNICAL ENGINEER OR PUBLIC WORKS DIRECTOR.
34. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND/OR OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL.

POST CONSTRUCTION BMP GENERAL NOTES:

1. THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMPS) FOR POST CONSTRUCTION STORM WATER TREATMENT.
2. CONSTRUCT THE STORM WATER TREATMENT FACILITIES AFTER ALL CONTRIBUTING DRAINAGE AREAS ARE STABILIZED AND TO THE SATISFACTION OF THE ENGINEER OF RECORD.
3. DO NOT USE THE DEVICES AS TEMPORARY SEDIMENT CONTROL FACILITIES DURING CONSTRUCTION.
4. THE FOLLOWING BMPS HAVE BEEN DESIGNED INTO THE PLANS. PLEASE REFER TO THE PROJECT'S APPROVED WATER QUALITY MANAGEMENT PLAN (WQMP) FOR ADDITIONAL BMP's AND OPERATION AND MAINTENANCE DETAILS:

   A. BIORETENTION FACILITY AND OR ON–SITE RETENTION

NOTE:

1. A SEWER BACKFLOW PREVENTOR IS NOT REQUIRED FOR THIS PROJECT
2. WATER PRESSURE REDUCING VALVES ARE REQUIRED FOR THIS PROJECT

NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES, SHOWN OR NOT SHOWN ON THESE PLANS

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION ON THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS OR PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY, THE OWNER, AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA) PH. 811, TWO (2) WORKING DAYS PRIOR TO DIGGING. NO CONSTRUCTION PERMIT ISSUED BY THE PUBLIC WORKS DEPARTMENT SHALL BE VALID INVOLVING UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS AN INQUIRY IDENTIFICATION NUMBER ISSUED BY U.S.A.

CARE SHOULD BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITES, THE PUBLIC WORKS DIRECTOR MAY REQUIRE TEMPORARY GUNITE SWALES, ENTERING OR LEAVING IMPROVEMENTS.

DECLARATION OF ENGINEER OF RECORD

I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS SHOWN ON THESE PLANS COMPLIES WITH ALL PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER OF RECORD FOR THE PLANS, I ASSUME FULL RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS. WITH RESPECT TO THE PLAN CHECK PERFORMED BY THE CITY OF CORONA, I UNDERSTAND AND ACKNOWLEDGE THE FOLLOWING: (1) THE PLAN CHECK IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THE PLANS COMPLY WITH THE CITY'S STANDARDS, PROCEDURES, POLICIES, AND ORDINANCES; (2) THE PLAN CHECK IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS, AND (3) THE PLAN CHECK DOES NOT RELIEVE ME OF MY LEGAL AND PROFESSIONAL RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS. AS THE ENGINEER OF RECORD, I AGREE TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE CITY, ITS ELECTED OFFICIALS, EMPLOYEES, AND AGENTS FROM ANY AND ALL ACTUAL OR ALLEGED CLAIMS, DEMANDS, CAUSES OF ACTION, LIABILITY, LOSS, DAMAGE, OR INJURY TO PROPERTY OR PERSONS, INCLUDING WRONGFUL DEATH, WHETHER IMPOSED BY A COURT OF LAW OR BY ADMINISTRATIVE ACTION OF ANY FEDERAL, STATE, OR LOCAL GOVERNMENTAL AGENCY, ARISING OUT OF OR INCIDENT TO ANY NEGLIGENT ACTS, OMISSIONS, OR ERRORS BY THE ENGINEER OF RECORD, ITS EMPLOYEES, CONSULTANTS, OR AGENTS.

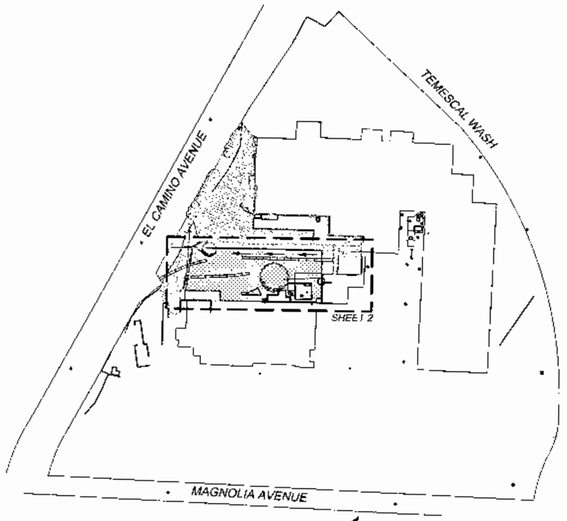
WILLIAM D. BROOKS, RCE 53114 — EXPIRES 6/30/21 — DATE 3/8/2021
ENGINEER OF RECORD

GEOTECHNICAL ENGINEER'S STATEMENT

THIS PLAN HAS BEEN REVIEWED BY GEOTECHNICAL PROFESSIONALS INC. AND APPEARS TO BE IN GENERAL CONFORMANCE WITH RECOMMENDATIONS IN OUR REPORT DATED SEPTEMBER 10, 2019–PROJECT NO. 2945.1. THIS PLAN HAS BEEN REVIEWED FOR GEOTECHNICAL ASPECTS ONLY. WE MAKE NO REPRESENTATION REGARDING ACCURACY OF DIMENSIONS, QUANTITIES, MEASUREMENTS, CALCULATIONS, OR ANY PORTION OF THE DESIGN. GEOTECHNICAL CONDITIONS AND RECOMMENDATIONS SHOULD BE CONFIRMED BY THE GEOTECHNICAL CONSULTANT IN THE FIELD AT TIME OF CONSTRUCTION.

PAUL SCHADE, GEOTECHNICAL ENGINEER — RCE# GE#2371 — EXP. 9-30-22
ENGINEERING GEOLOGIST — CEG# — EXP.

REGISTERED PROFESSIONAL ENGINEER PAUL R. SCHADE No. 2371 GEOTECHNICAL STATE OF CALIFORNIA 9-7-21



INDEX MAP

150 0 150 300 450

SCALE 1" = 150'

DEMOLITION NOTES

		QTY	UNIT
1	REMOVE EXIST. RAIL SPUR	355	L.F.
2	REMOVE EXIST. CONCRETE PAD (6"± THICKNESS)	665	S.F.
3	REMOVE EXIST. AC PAVEMENTS (3"±)	1,075	S.F.
4	PROTECT IN PLACE EXIST. APPURTENANCE (AS LISTED)	–	–
5	REMOVE EXIST. TREE (DIA. PER PLAN)	4	EA.

CONSTRUCTION NOTES

		QTY	UNIT
10	CONSTRUCT 3.5" AC PAVEMENT OVER 12" COMPACTED (90% RC) NATIVE MATERIAL	28,410	S.F.
11	PROTECT IN PLACE	–	–
12	INSTALL 6" AC BERM PER C.O.C. STD. DWG 140	375	L.F.

LEGEND

- EXIST. PCC PAVING
- EXIST. AC PAVING
- EXIST. LANDSCAPING
- PROP. PCC PAVING
- EXIST. BUILDING
- (XX.XX) FS — EXIST. SPOT ELEVATION
- XX.XX FS — PROP. SPOT ELEVATION
- — x — EXIST. FENCE
- EXIST. TREES
- WALL/RET. WALL
- 1200 — PROP. CONTOUR
- _X.XXX PROP. RATE OF GRADE
- — — — FLOWLINE

ABBREVIATIONS

AC	ASPHALT CONCRETE
C.O.C.	CITY OF CORONA
CONC	CONCRETE
DIA.	DIAMETER
EXIST.	EXISTING
FG	FINISH GRADE
FL OR ℄	FLOWLINE
FS	FINISH SURFACE
L.F.	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
NO.	NUMBER
PCC	PORTLAND CEMENT CONCRETE
P.I.P	PROTECT–IN–PLACE
PROP.	PROPOSED
STD.	STANDARD
TYP.	TYPICAL
TW	TOP OF WALL

BENCHMARK–CITY OF CORONA

VERTICAL DATUM NAVD88

COUNTY OF RIVERSIDE BM #601–34–69, A 2 1/2" BRASS DISK STAMPED "RIV. CO. B.M. 601–34–69 RESET 1975" SET IN TOP OF CONCRETE POST FLUSH WITH GROUND, LOCATED WNW W ALONG THE A.T.&S.F. RAILROAD LINE FROM WAY, RIV. CO., +/–48'S OF ROALROAD, +/–32' SE OF TELEGRAPH POLE #1 SSOM, +/–14' W OF THE CL PROLONGATION OF TEMESCAL ST +/–3' E OF 6' CHAIN LINK FENCE AND +/–' N OF TELEGRAPH GUY POLE WITH METER BOX

1988 ELEV=649.988 FEET NAVD88

HORIZONTAL DATUM NAD83, ZONE 6

NGS PID STATIONS AJ1887 AND AJ1896 EPOCH DATE 2000.35

ZONING DISTRICT

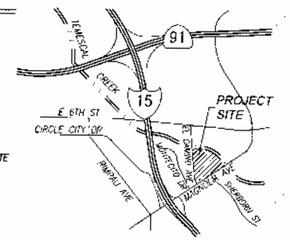
MIXED USE INDUSTRIAL/COMMERCIAL

LAND USE

EXISTING USE: BUSINESS PARK
PROPOSED USE: BUSINESS PARK

SERVICE PROVIDERS:

CORONA DEPT. OF PUBLIC WORKS	(951) 736–2281
CORONA DEPT. OF WATER & POWER	(951) 736–2321
SOUTHERN CALIFORNIA GAS	(909) 335–7733
SOUTHERN CALIFORNIA EDISON	(909) 930–8591
AT&T	(714) 686–5592
NEXTG NETWORKS	(909) 593–9700
TIME WARNER CABLE	(951) 547–3830
R.F. DICKSON STREET SWEEPING	(800) 841–7994
WESTERN WASTE	(951) 737–0343
CORONA DIAL–A–RIDE (SUPERVISOR)	(951) 734–1017
U.S. POSTAL SERVICE	(951) 737–0451
CORONA–NORCO UNIFIED SCHOOL DISTRICT	(951) 736–3340
SCHOOL DISTRICT TRANSPORTATION MANAGER	(951) 736–3305
RIVERSIDE TRANSIT AGENCY	(951) 684–0850
CORONA POLICE DEPARTMENT (FOR NOTIFICATION)	(951) 736–2330
CORONA FIRE DEPARTMENT (FOR NOTIFICATION)	(951) 736–2221
CROWN CASTLE ENG WEST (FIBER OPTIC)	(951) 736–2321



VICINITY MAP
NTS

OWNER

CLOW VALVE COMPANY
1375 MAGNOLIA AVE.
CORONA, CA 92879
888–889–2411

ENGINEER

ARMSTRONG & BROOKS CONSULTING ENGINEERS
MAILING ADDRESS:
P.O. BOX 78088
CORONA, CA 92877–9998
OFFICE LOCATION:
1350 EAST CHASE DRIVE
CORONA, CA 92881
PH. (951) 372–8400 FAX (951) 372–8430
CONTACT: WILLIAM D. BROOKS

GEOTECHNICAL ENGINEER

GEOTECHNICAL PROFESSIONALS, INC.
5736 CORPORATE AVE.
CYPRESS, CA 90630
PH. (714) 220–2211
CONTACT: PAUL SCHADE, G.E.

ASSESSOR'S PARCEL NO.

107–030–022

LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS; ON THE WEST BY THE EASTERLY LINE OF THE PROPERTY SPUR OF THE ATCHINSON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84–227387 AND RE–RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85–028214 BOTH OF OFFICIAL RECORDS.

EARTHWORK QUANTITIES

NOTE: THE CONSTRUCTION QUANTITIES SHOWN ON THESE PLANS ARE FOR CITY FEE PURPOSES ONLY.
IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM INDIVIDUAL TAKEOFFS FOR BIDDING PURPOSES.

(PRELIMINARY QUANTITIES DO NOT INCLUDE SHRINKAGE FACTOR AND OVEREXCAVATION OVER THE SITE)

RAW CUT	582 CU. YDS.
RAW FILL	0 CU. YDS.
NET EXPORT	–582 CU. YDS.

SITE AREA

TOTAL AREA – 16.9 ACRES
DISTURBED AREA – 0.7 ACRES
TOTAL LOTS: 1
PARKING SPACES: N/A

SHEET INDEX:

TITLE SHEET 1
DEMOLITION PLAN 2
PRECISE GRADING & DRAINAGE PLAN 3
EROSION CONTROL PLAN 4

REGISTERED PROFESSIONAL ENGINEER WILLIAM D. BROOKS No. 53114 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

Know what's below. Call before you dig.

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING · SURVEYING · CITY DEVELOPMENT · WATER RESOURCES
1350 EAST CHASE DRIVE – CORONA, CA 92881
MAIL: P.O. BOX 78088 CORONA, CA 92877–9998
P (951) 372–8400 F (951) 372–8430

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
Date 3/8/2021 WILLIAM D. BROOKS R.C.E. No. 53114

7023A, 05–138 D, 05–38P
80–113P, 97–505, 1971, C–1–116
Reference Plans for these Improvements

Date	By	REVISIONS

BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

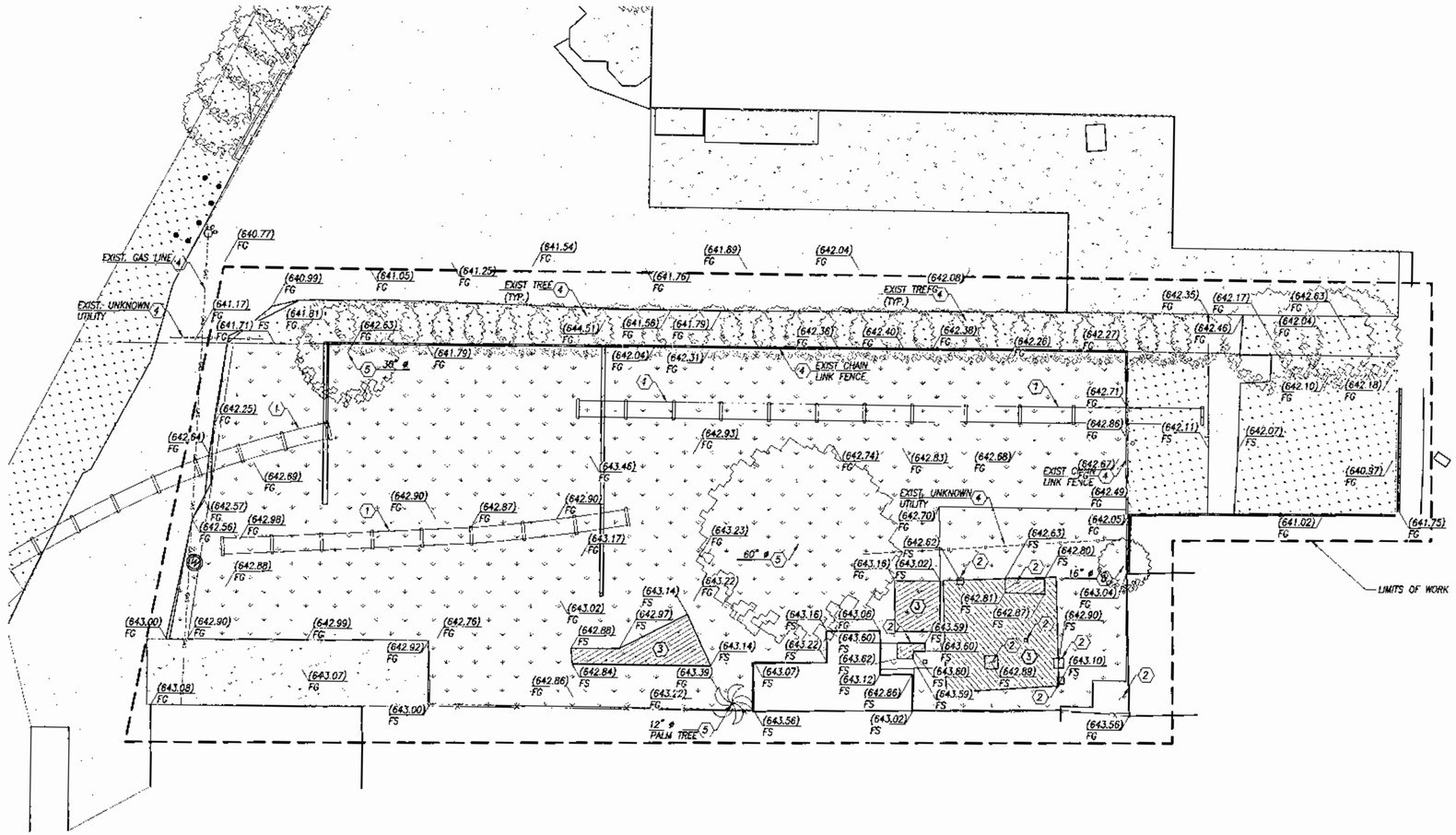
Engineering JK MH
Planning LG
Fire

Approved By SAVAT KHAVP–OU City Engineer R.C.E. No 62919 Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
TITLE SHEET

PWGH2020-0025
Drawing No. 20-026P
Sh 1 of 4

24" x 36"



DEMOLITION NOTES

(1)	REMOVE EXIST. RAIL SPUR
(2)	REMOVE EXIST. CONCRETE PAD (6"± THICKNESS)
(3)	REMOVE EXIST. AC PAVEMENTS (3"±)
(4)	PROTECT IN PLACE EXIST. APPURTENANCE (AS LISTED)
(5)	REMOVE EXIST. TREE (DIA. PER PLAN)

EXIST. PCC	
EXIST. LANDSCAPE	
EXIST. AC	
EXIST. LANDSCAPING TO BE REMOVED	
REMOVE EXIST. AC	
REMOVE EXIST. PCC	

AC	ASPHALTIC CONCRETE
EXIST	EXISTING
FG	FINISH GRADE
FS	FINISH SURFACE
PCC	PORTLAND CEMENT CONCRETE

Know what's below. Call before you dig.

REGISTERED PROFESSIONAL ENGINEER — No. C53114 Exp. 6/30/21 — CIVIL — STATE OF CALIFORNIA

20 0 20 40 80

SCALE 1" = 20'

PWSR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING · ENGINEERING · SITE DEVELOPMENT · WATER RESOURCES
1130 EAST FRANCIS · ONTARIO, CA. 91761
MAIL: P.O. BOX 5865 · CORONA, CA 92877-5865
PH: (951) 272-9460 · FAX: (951) 371-7920

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
Date 3-8-20 WILLIAM D. BROOKS R.C.E. No. 53114

Reference Plans for these Improvements: 7020A, 05-138 D, 05-138P; 90-113P, 97-565, 1971, C 1-118

Date	By	REVISIONS	App'd

BENCH MARK TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

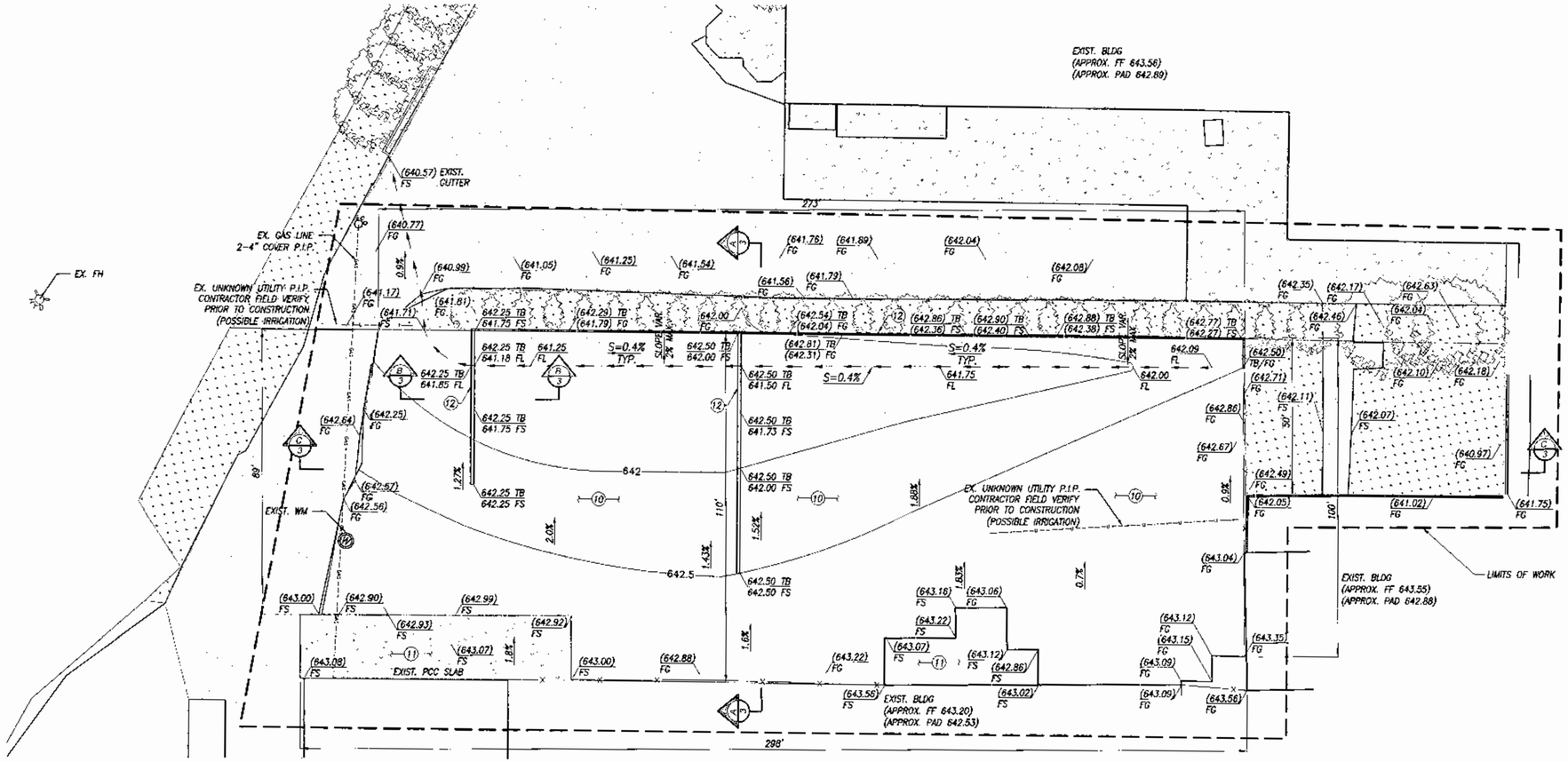
Engineering JK MH
Planning LG
Fire

Approved By SAVAT KHAMPHOU, City Engineer, R.C.E. No 62019 — Date 3/11/21

CITY OF CORONA — 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
DEMOLITION PLAN

Drawing No. 20-026P
Sh 2 of 4

24" x 36"



GRADING PLAN
1"=20'

CONSTRUCTION NOTES

10	CONSTRUCT 3.5" AC PAVEMENT OVER 12" COMPACTED (90% RC) NATIVE MATERIAL
11	PROTECT IN PLACE
12	INSTALL 6" AC BERM PER C.O.C. STD. PLAN 140

LEGEND

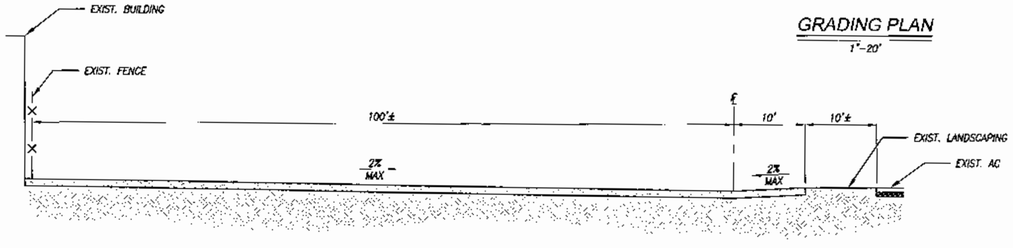
EXIST. PCC

EXIST. LANDSCAPE

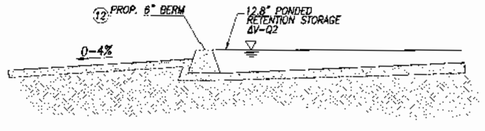
EXIST. AC

PROP. 3.5" AC PAVEMENT

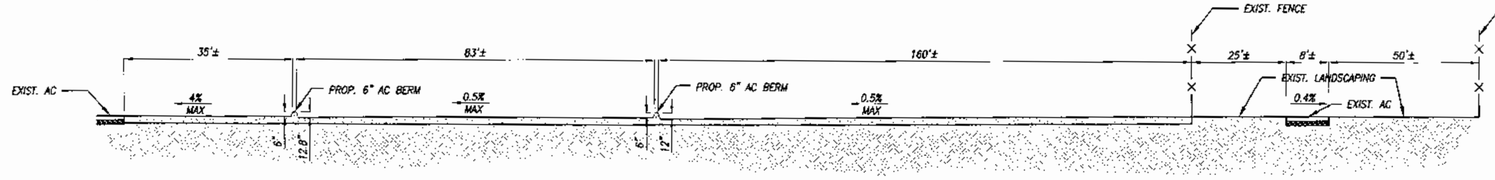
AC	ASPHALTIC CONCRETE
EXIST	EXISTING
FG	FINISH GRADE
FS	FINISH SURFACE
MAX.	MAXIMUM
PCC	PORTLAND CEMENT CONCRETE
RC	REINFORCED CONCRETE
TW	TOP OF WALL
TYP.	TYPICAL
VAR.	VARIABLE



SECTION A-A
NTS

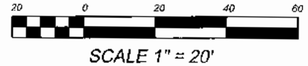


SECTION B-B
NTS



SECTION C-C
NTS





SCALE 1" = 20'



811
Know what's below.
Call before you dig.

PWGR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING TRANSPORTATION SITE DEVELOPMENT WATER RESOURCES
474 E. 6TH STREET, CORONA, CA. 92879
MAIL: P.O. BOX 78084 CORONA, CA 92877-8084
T: 951-735-3400 F: 951-372-9480

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
WILLIAM D. BROOKS
Date 3-8-21 R.C.E. No. 53114

7020A, 09-138 D, 05-138P
90-113P, 97-585, 1971, C-1-118
Reference Plans for these Improvements

Date	By	REVISIONS	App'd

BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

Engineering JK TMH
Planning UG
Fire

Approved By
SAVAT KHAMPHOU
City Engineer
R.C.E. No 62019
Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
GRADING PLANS

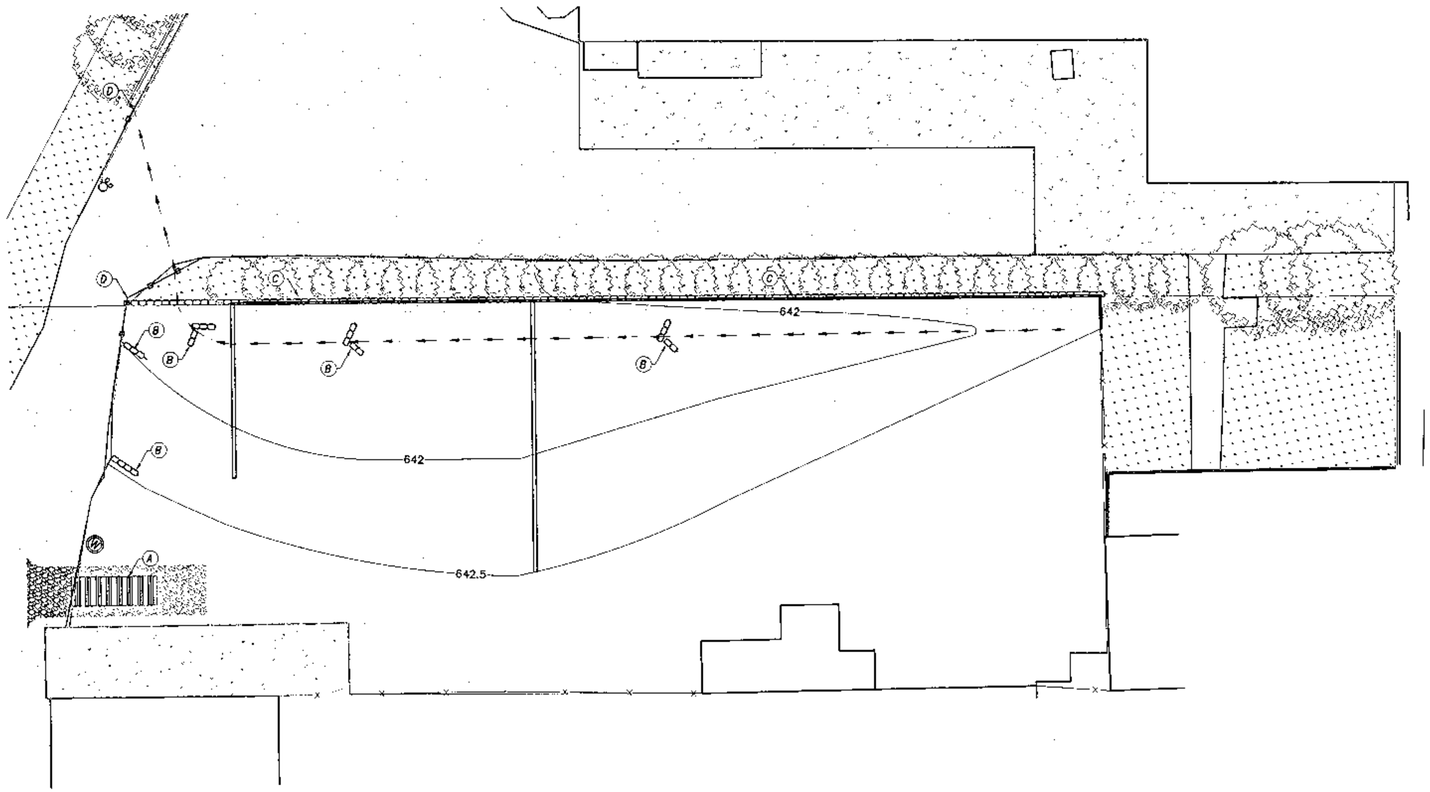
Drawing No. 20-026P
Sh 3 of 4

24" x 36"

EROSION CONTROL GENERAL NOTES:

1. EROSION CONTROL IS REQUIRED FOR GRADING OPERATIONS ON A YEAR ROUND BASIS. APPROVED PLANS ARE REQUIRED FOR ALL WORK REQUIRING A GRADING PERMIT.
2. IN CASE OF EMERGENCY CALL TIFFANY SMITH OF CLOW VALVE MANUFACTURING AT 317-364-0898.
3. THE ENGINEER OF RECORD WILL SUPERVISE EROSION CONTROL WORK AND INSURE THAT WORK IS IN ACCORDANCE WITH APPROVED PLANS.
4. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL
5. THE PUBLIC WORKS DIRECTOR RESERVES THE RIGHT TO MAKE CHANGES OR MODIFICATIONS TO THIS PLAN AS DEEMED NECESSARY.
6. STANDBY CREW FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS) OR TO REPAIR ANY DAMAGED BMP's WHEN RAIN IS IMMINENT.
7. AN EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED TO PREVENT AND/OR MINIMIZE THE TRANSPORT OF SOIL IN RUNOFF FROM DISTURBED SOIL AREAS ON THE CONSTRUCTION SITE AT ALL TIMES. IN ADDITION, BMPS SHALL BE INSPECTED PRIOR TO PREDICTED STORM EVENTS AND FOLLOWING STORM EVENTS. BMPS SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE CITY INSPECTOR.
8. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT, AS FORECASTED BY THE NATIONAL WEATHER SERVICE.
9. AFTER A RAIN EVENT EXCEEDING ONE-QUARTER INCH IN ANY 12 HOUR PERIOD, OR UPON DIRECTION OF THE PUBLIC WORKS DIRECTOR, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS, SILT FENCES, AND DESILTING BASINS; AND THE BASINS SHALL BE PUMPED DRY AND RESTORED TO ORIGINAL DESIGN CONDITION. ANY EROSION CONTROL MEASURES DAMAGED DURING A RAIN EVENT SHALL ALSO BE IMMEDIATELY REPAIRED.
10. DESILTING BASINS ARE TO BE CONSTRUCTED AS GRADING OF INDIVIDUAL GRADING AREAS ARE COMPLETE PER ROUGH GRADING PLANS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
12. AREAS SHALL BE MAINTAINED IN SUCH A STATE THAT FIRE ACCESS SHALL BE MAINTAINED AT ALL TIMES (INCLUDING ACCESS TO NEIGHBORING PROPERTIES).
13. GRADED AREAS AROUND THE SITE PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
14. TEMPORARY EROSION PROTECTION IS REQUIRED FOR MANUFACTURED SLOPES PRIOR TO PERMANENT PLANTING.
15. ALL DISTURBED SLOPES SHALL BE PLANTED AND PROTECTED WITHIN 45 DAYS OF THE COMPLETION OF EACH STAGE OF GRADING. SUITABLE MEASURES TO PREVENT SLOPE EROSION INCLUDING, BUT NOT LIMITED TO, RAPID GROWTH VEGETATION SUFFICIENT TO STABILIZE THE SOIL, SHALL BE INSTALLED ON ALL DISTURBED AREAS UNTIL SUCH TIME AS THE PERMANENT VEGETATIVE COVER SUFFICIENTLY MATURES TO PROVIDE PERMANENT STABILITY.
16. NO OBSTRUCTION OR DISTURBANCE OF NATURAL DRAINAGE COURSES OR EXISTING STORM DRAIN INLETS SHALL OCCUR DURING GRADING OPERATIONS, UNLESS ADEQUATE TEMPORARY/PERMANENT DRAINAGE FACILITIES HAVE BEEN APPROVED AND INSTALLED TO CARRY SURFACE WATER TO THE NEAREST PRACTICAL STREET, STORM DRAIN OR NATURAL WATER COURSE. ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST BE MAINTAINED IN A STATE TO ALLOW FOR CONTINUOUS FUNCTION.
17. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER THAT STORM RUNOFF WILL BE CONTAINED WITHIN THE PROJECT OR CHANNELED INTO THE STORM DRAIN SYSTEM WHICH SERVES THE RUNOFF AREA. STORM RUNOFF FROM ONE AREA SHALL NOT BE ALLOWED TO DIVERT TO ANOTHER RUNOFF AREA.
18. CONFORMANCE WITH THE REQUIREMENTS OF THESE PLANS SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TO THIS SITE AND ADJACENT PROPERTIES. DURING GRADING OPERATIONS, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO ADJACENT PROPERTIES. TEMPORARY DRAINAGE CONTROL SHALL CONSIST OF, BUT NOT BE LIMITED TO, CONSTRUCTING SUCH FACILITIES AND TAKING SUCH MEASURES AS ARE NECESSARY TO PREVENT, CONTROL AND ABATE WATER, MUD AND EROSION DAMAGE TO PUBLIC AND PRIVATE PROPERTY AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT.
19. FILL AREAS WHILE BEING BROUGHT UP TO GRADE AND DURING PERIODS OF COMPLETION PRIOR TO FINAL GRADE, SHALL BE PROTECTED BY VARIOUS MEASURES TO ELIMINATE EROSION AND THE SILTATION OF DOWNSTREAM FACILITIES AND ADJACENT AREAS. THESE MEASURES MAY INCLUDE, BUT SHALL NOT BE LIMITED TO: TEMPORARY DOWN DRAINS, EITHER IN THE FORM OF PIPES OR PAVED DITCHES TO DESILT RUNOFF; PROTECTION SUCH AS SAND BAGS AROUND INLETS WHICH HAVE NOT BEEN BROUGHT UP TO GRADE; AND EARTH BERMS AND APPROPRIATE GRADING TO DIRECT DRAINAGE AWAY FROM THE EDGE OF THE TOP OF SLOPES SHALL BE CONSTRUCTED AND MAINTAINED ON THOSE FILL AREAS WHERE EARTHWORK OPERATIONS ARE NOT IN PROGRESS.
20. CLEARING AND GRUBBING SHOULD BE LIMITED TO AREAS THAT WILL RECEIVE IMMEDIATE GRADING. EROSION CONTROL MEASURES WILL BE REQUIRED TO PROTECT AREAS WHICH HAVE BEEN CLEARED AND GRUBBED PRIOR TO GRADING OPERATION, AND WHICH ARE SUBJECT TO RUNOFF DURING A RAIN EVENT. THESE MEASURES MAY INCLUDE BUT SHALL NOT BE LIMITED TO: GRADED DITCHES; BRUSH BARRIERS AND SILT FENCES. CARE SHALL BE EXERCISED TO PRESERVE VEGETATION BEYOND LIMITS OF GRADING.
21. CONSTRUCTION SITES SHALL BE MANAGED TO MINIMIZE THE EXPOSURE TIME OF DISTURBED SOIL AREAS THROUGH PHASING AND SCHEDULING OF GRADING TO THE EXTENT FEASIBLE AND THE USE OF TEMPORARY AND PERMANENT SOIL STABILIZATION.
22. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO ELIMINATE OR REDUCE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND.
23. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT WIND OR RUNOFF DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJORNING PROPERTIES.
24. DISCHARGES OTHER THAN STORM WATER (NON-STORM WATER DISCHARGES) ARE PROHIBITED, EXCEPT AS AUTHORIZED BY AN INDIVIDUAL NPDES PERMIT, THE STATEWIDE GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY, OR OTHER APPLICABLE GENERAL NPDES PERMIT. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, SOLVENTS, DETERGENTS, GLUES, LIME, PESTICIDES, HERBICIDES, FERTILIZERS, WOOD PRESERVATIVES, AND ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; CONCRETE AND RELATED CUTTING OR CURING RESIDUES; FLOATABLE WASTES; WASTES FROM STREET CLEANING; SUPER-CHLORINATED POTABLE WATER FROM LINE FLUSHING AND TESTING, AND RUNOFF FROM EQUIPMENT AND VEHICLE WASHING. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ONSITE PHYSICALLY SEPARATED FROM POTENTIAL STORM WATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
25. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS
26. PAVED STREETS, SIDEWALKS AND OTHER IMPROVEMENTS SHALL BE MAINTAINED IN A NEAT CLEAN CONDITION, FREE OF LOSE SOIL, CONSTRUCTION DEBRIS AND TRASH. STREET SWEEPING OR OTHER EQUALLY EFFECTIVE MEANS SHALL BE USED ON A REGULAR BASIS TO CONTROL SILT THAT HAS BEEN DEPOSITED ON STREETS OR SIDEWALKS. WATERING SHALL NOT USED TO CLEAN STREETS.
27. DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING GROUNDWATER THAT HAS INFILTRATED INTO THE CONSTRUCTION SITE IS PROHIBITED. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS ALSO PROHIBITED. DISCHARGING NON-CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING ACTIVITIES MAY REQUIRE A NPDES PERMIT FROM THE SANTA ANA REGIONAL BOARD.
28. ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.

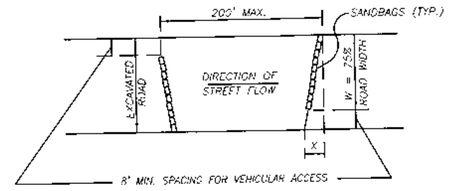
811 Know what's below. Call before you dig.



EROSION CONTROL PLAN
1"=20'

LEGEND

- EXIST. PCC
- EXIST. LANDSCAPE
- EXIST. AC
- PROP. AC
- SANBAGS
- SILT FENCE



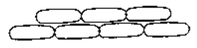
W	X
20'-30'	5
31'-40'	7
41'-50'	9
51'-60'	10.5
61'-70'	12

STREET	GRADE	LENGTH
200'	< 4%	
100'	4-8%	
50'	> 8%	

SANDBAG VELOCITY REDUCER (A)
NTS



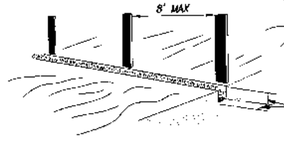
PLAN
NTS



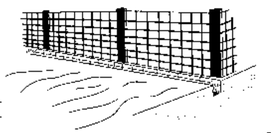
SECTION A-A
NTS

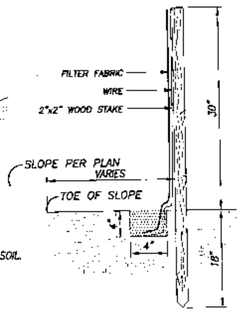
ECS 52 SANDBAGS (B)
NTS

1. SET POSTS AND EXCAVATE A 4" BY 4" TRENCH UPSLOPE FROM AND ALONG THE LINE OF POSTS (SEE SECTION D-D).



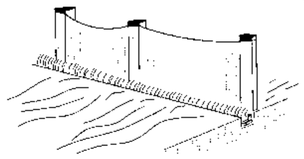
2. STAPLE WIRE FENCING TO THE POSTS.



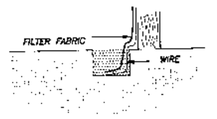


SECTION D-D
NTS

3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



SILT FENCE DETAIL (C)
NTS

EROSION CONTROL NOTES *ALL EROSION CONTROL MEASURES PER CA. STORMWATER BMP'S		QTY.	UNIT
(A)	INSTALL STABILIZED CONSTRUCTION ENTRANCE PER C.O.C. STD 225	1	EA.
(B)	INSTALL SANDBAG VELOCITY REDUCER PER DETAIL A	53	L.F.
(C)	INSTALL SINGLE ROW GRAVEL BAGS - 2 BAG HIGH PER DETAIL B	275	L.F.
(D)	INSTALL SILT FENCE PER DETAIL C	47	L.F.

NOTE: FINAL LOCATION OF EROSION CONTROL MEASURES WILL BE DETERMINED AT THE CONSTRUCTION MANAGER'S DISCRETION

REGISTERED PROFESSIONAL ENGINEER — WILLIAM D. BROOKS — No. 53114 — Exp. 6/30/21 — CIVIL — STATE OF CALIFORNIA

N

20 0 20 40 60

SCALE 1" = 20'

PWGR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS	Designed by W.D.B.	Drawn by R.R.T.	Checked by W.D.B.
PLANNING ENGINEERING CIVIL SURVEYING GEOLOGY WATER RESOURCES 1130 KANA ONASE DRIVE CORONA, CA 92881 MAIL: P.O. BOX 7385 CORONA, CA 92877-0385 P 951-272-5300 F 951-279-4280	PLANS PREPARED UNDER SUPERVISION OF WILLIAM D. BROOKS R.C.E. No. 53114 Date 3/2021	702CA, 05-138 D, 04-138P 90-1139, 97-568, 1971, C-1-138 Reference Plans for these Improvements	Date / By / REVISIONS / Appd

BENCH MARK: TBM ELEV.=803.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

Engineering JK MH
Planning LG
Fire

Approved By: SAVAT KHAMPHOU, City Engineer, R.C.E. No 62019 — Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
EROSION CONTROL PLAN

Drawing No. 20-026P
Sh 4 of 4

24" x 36"

GRADING PERMIT

City of Corona

PUBLIC WORKS DEPARTMENT
400 S Vicentia Ave
Corona, CA 92882

Permit No:
PWGP21-00005
Permit Status:
ISSUED

(951) 736-2259

Permit Type: GRADING **Permit Subtype:** PRECISE **Job Valuation:** $0.00	**Applied Date:** 03/04/2021 **Issued Date:** 04/15/2021 **Expration Date:** 10/12/2021
Project Address: 1375 MAGNOLIA AVE **Tract No:** **Lot No:**	**Project Description:** 1375 MAGNOLIA AVE - GRADING PERMIT
Contractor: B & D CONSTRUCTION CO., INC **Corona Business License No:** AEC1647 **Contractor State License No:**	**Owner:** CLOW VALVE COMPANY **Applicant:** B & D CONSTRUCTION CO., INC

Lots: 1
Disturbed Acerage: 0.7
Total Acerage: 16.9
Land Use: I-M Industrial/Manufacturing
WDID Number:
Erosion Control Plan Included? Yes

Cut: 582
Fill: 0
Plan #: 20-026P
Dig Alert #: A210980279
Cal-OSHA #:
Additional Notes: CONSTRUCT ON SITE GRADING IMPROVEMENTS PER APPROVED PLAN. ANY OFF SITE WORK WILL REQUIRE A SEPARATE ENCROACHMENT PERMIT.

Applicant/Owner hereby requests permission to perform work as described below. It is expressly agreed that such work and all Traffic Control shall be performed in accordance with applicable ordinances, Standard Plans and Special Provisions of the City of Corona, approved plans and the latest edition of the Work Area Traffic Control Handbook (WATCH Manual). Only that person listed below is duly authorized by Applicant/Owner to obtain this permit.

INDEMNIFICATION

Applicant/Owner shall defend and hold the City, it's officers, employees, and agents (Indemnities) free and harmless from any and all claims, demands, causes of injury arising out of or incident to any alleged acts, omissions or willful misconduct or Applicant/Owner, its officials, officers, employees, agents, consultants or contractors in connection with the performance of any work under this Permit, including, without limitation, the payment of all consequential damages, attorneys fees and other related costs and expenses. Applicant/Owner shall pay any judgement award or decree that may be rendered against the Indemnities for any and all legal expenses and costs incurred by any of them in connection therewith or in enforcing the indemnity herein provided. Applicant/Owner's obligation to indemnify shall not be restricted to insurance proceeds, if any, received by the Indemnities.

THIS PERMIT EXPIRES ONE YEAR FROM THE DATE OF ISSUANCE.
***CALL (951) 279-3511 48 HOURS PRIOR TO COMMENCING AND WORKDESCRIBED ON THIS PERMIT**

Permitee Signature: _____ **Date: 04/15/21**

Cash Register Receipt

City of Corona

Receipt Number
R25984

DESCRIPTION	ACCOUNT	QTY	PAID
PermitTRAK			$913.00
PWGP21-00005 Address: 1375 MAGNOLIA AVE APN: 107030022			$913.00
GRADING INSPECTION			$853.00
GRADING INSPECTION	11039000 31607	0	$853.00
PW			$60.00
ENCROACHMENT PERMIT FEE	11039000 31219	0	$60.00
TOTAL FEES PAID BY RECEIPT:R25984			$913.00

Date Paid: Thursday, April 15, 2021

Paid By: B & D CONSTRUCTION CO., INC

Cashier: KAV2

Pay Method: CHECK 007320

Recording Requested by:
Ticor Title National Commercial Services

A852012 A

RECORDING REQUESTED BY

Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719

WHEN RECORDED MAIL TO

Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630
Attention: A. Edward Morelan, Branch Chief
Site Mitigation and Restoration Program

And

U.S. Environmental Protection Agency
Region IX
Attention: PCB Coordinator (Land
Chemicals and Redevelopment
Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

DOC # 2021-0697735
11/23/2021 02:39 PM Fees: $150.00
Page 1 of 20
Recorded in Official Records
County of Riverside
Peter Aldana
Assessor-County Clerk-Recorder

"This document was electronically submitted to the County of Riverside for recording"
Received by: MARIN #767

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

LAND USE COVENANT AND AGREEMENT ENVIRONMENTAL RESTRICTIONS

County of Riverside, Assessor Parcel Number(s): 107-030-022-3
Clow Valve Company
(Department Site Code 603876-46)

This Land Use Covenant and Agreement ("Covenant") is made by and between Clow Valve Company (the "Covenantor"), the current owner of property located at 1375 Magnolia Avenue, Corona in the County of Riverside, State of California (the "Property"), and the Department of Toxic Substances Control (the "Department"). Pursuant to Civil Code section 1471, the Department has determined that this Covenant is reasonably necessary to protect present or future human health or safety or the environment as a result of the presence on the land of hazardous materials as defined

Recording Requested by:
Ticor Title National Commercial Services

A852012 A

RECORDING REQUESTED BY:

Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719

WHEN RECORDED MAIL TO:

Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630
Attention: A. Edward Morelan, Branch Chief
Site Mitigation and Restoration Program

And

U.S. Environmental Protection Agency
Region IX
Attention: PCB Coordinator (Land
Chemicals and Redevelopment
Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

SPACE ABOVE THIS LINE RESERVED FOR RECORDER S USE

LAND USE COVENANT AND AGREEMENT
ENVIRONMENTAL RESTRICTIONS

County of Riverside, Assessor Parcel Number(s): 107-030-022-3
Clow Valve Company
(Department Site Code 600876-48)

This Land Use Covenant and Agreement ("Covenant") is made by and between Clow Valve Company (the "Covenantor"), the current owner of property located at 1375 Magnolia Avenue, Corona in the County of Riverside, State of California (the "Property"), and the Department of Toxic Substances Control (the "Department"). Pursuant to Civil Code section 1471, the Department has determined that this Covenant is reasonably necessary to protect present or future human health or safety or the environment as a result of the presence on the land of hazardous materials as defined

in Health and Safety Code section 25260. The Covenantor and the Department hereby agree that, pursuant to Civil Code section 1471 and Health and Safety Code section 25202.5 the use of the Property be restricted as set forth in this Covenant and that the Covenant shall conform with the requirements of California Code of Regulations, title 22, section 67391.1. With respect to the Polychlorinated Biphenyls (PCBs) at the Property, the provisions of this Covenant shall be for the benefit of, and shall be enforceable by, the United States Environmental Protection Agency ("U.S. EPA"), as a third party beneficiary pursuant to general contract law, including but not limited to Civil Code section 1559.

ARTICLE I

STATEMENT OF FACTS

1.01. Property Location. The Property, located at 1375 Magnolia Avenue, Corona, County of Riverside, California, that is subject to this Covenant, totaling approximately 16 acres, is more particularly described in the attached Exhibit A, "Legal Description of the Property", and depicted in Exhibit B, "Plot Plan". The Property is located in the area generally bounded by Magnolia Avenue on the south, railroad tracks and El Camino Avenue on the west, and a storm water channel towards the north and east. The Property is also identified as County of Riverside, Assessor's Parcel Number 107-030-022-3.

a) A limited portion of the Property is more particularly described in Exhibit C, "Legal Description of the Capped Property", and illustrated in Exhibit D, "Sketch", referred to as the "Capped Property". The "Capped Property", totaling approximately 9.964 acres of soil impacted by hazardous substances, is located on the northern portion of the Property now generally bounded by railroad and El Camino Avenue on the west, storm channel on the north and east. Its southern border runs parallel to Magnolia Avenue, approximately 195 feet north of Magnolia Avenue

b) A limited portion of the Property is more particularly illustrated in Exhibit D as "Area 1" a Former Asphalt Dip Tank and as "Area 2" a PCB Transformer area. Former Asphalt Dip Tank was previously located, approximately 620 feet north of Magnolia

Avenue, 510 feet east of El Camino Avenue, and 200 feet west of the storm channel western edge. The PCB Transformer area is located approximately 240 feet west of the storm channel western edge, 510 feet east of El Camino Avenue, and 600 feet north of Magnolia Avenue.

1.02. Hazardous Substances. Hazardous wastes, or constituents of hazardous waste, including Polychlorinated Biphenyl's (PCBs) (Total Aroclors up to a maximum of 2,220 milligrams per kilogram (mg/kg)), Total Petroleum Hydrocarbons (TPH) (up to a maximum of 9,300 mg/kg), arsenic (up to a maximum of 52.9 mg/kg), cadmium (up to a maximum of 43.9 mg/kg), hexavalent chromium (up to a maximum of 6.6 mg/kg), and lead (up to a maximum of 7,360 mg/kg) in soil, and volatile organic compounds, such as tetrachloroethylene (PCE) (up to a maximum of 3 microgram/liter (ug/l)), in the soil gas remain at the Property above levels acceptable for unrestricted land use.

As of February 25, 2021, PCB concentrations in the soil at the Former Asphalt Dip Tank Bottom and PCB Transformer exceed the level for unrestricted use and the USEPA's site-specific industrial risk-based threshold of 15 mg/kg. PCB concentrations present in soils of the PCB Transformer area exceed the California hazardous waste level of Total Threshold Limit Concentration (TTLC) of 50 mg/kg.

As of February 25, 2021, lead concentrations detected in the soil at the Capped Property exceeded 320 milligrams per kilogram, a level deemed safe by DTSC for the continued use of the Site for industrial use and the TTLC of 1,000 mg/kg. A Human Health Risk Assessment (HHRA) was performed to evaluate the potential health risks associated with direct exposure of workers at the Property to soil containing Chemicals of Potential Concern (COPCs). Based on the HHRA, potential health risk to a commercial or industrial worker is $1x10^{-5}$ and to a construction worker is $2x10^{-4}$. The estimated Hazard Index (HI) for a commercial/industrial worker at the Property is 1.9, primarily due to the potential exposure to PCBs and cadmium. The estimated HI for a construction worker at the Property is 458. U.S. EPA recommends an HI of 1 or below and health risk below $1x10^{-6}$. The calculated risks were primarily associated with direct exposure to impacted soil and associated soil ingestion or dermal exposure, both of which will be eliminated by installation and maintenance of the capping materials described herein.

1.03. Remediation of Property. This Property has been investigated and/or remediated under the Department's oversight. The Department approved a Corrective Measures Study, dated February 19, 2018, prepared by EarthCon Consultants CA, Inc.,in accordance with Health and Safety Code, Division 20, Chapter 6.5. The remediation activities at the Property include:

a) Construction of an approximately 5,000 square foot, 6-inch-thick concrete or 3-inch thick asphalt cap in two areas encompassing approximately one-half acre, identified as Areas of Concern (AOCs), AOC-1 and AOC-5 (see Exhibit B).
b) Repair and maintenance of the existing asphalt and/or concrete surface cover of the Capped Property;
c) Soil Management Plan and Operation and Maintenance Plan preapproval by the Department for all future construction work involving soil excavation at the Capped Property; and,
d) Land use restriction recorded with the Riverside County Assessor's Office to prohibit sensitive uses.

1.04. PCB Remediation overseen by U.S. EPA. In addition to the corrective action measures for the Property under the Department's oversight, U.S. EPA approved with conditions the Risk-Based Approval Application submitted by EarthCon Consultants, CA, Inc. on behalf of Clow Valve Company, dated April 9, 2019, to remediate PCBs at the Property. PCBs are regulated by the U.S EPA pursuant to the Toxic Substances Control Act (TSCA), 15 U.S C Section 2601 et seq., and the PCB regulations at 40 Code of Federal Regulations (CFR) Part 761. This U.S. EPA approval is available in EnviroStor, an online document repository at https://www.envirostor.dtsc.ca.gov/public/deliverable_documents/1318022012/2019-04-23_EPA%20to%20Clow%20Valve_761.61%28c%29_SIGNED.pdf

1.05. Basis for Environmental Restrictions. As a result of the presence of Hazardous Wastes, PCBs, TPH, arsenic, cadmium, lead, and PCE, which are also hazardous materials as defined in Health and Safety Code section 25260, at the Property, the Department has concluded that it is reasonably necessary to restrict the

use of the Property in order to protect present or future human health or safety or the environment, and that this Covenant is required as part of the Department-approved remedy for the Property. The Department has also concluded that the Property, as remediated and when used in compliance with the Environmental Restrictions of this Covenant, does not present an unacceptable risk to present and future human health or safety or the environment.

1.06. Land Use Covenant. A land use covenant is necessary to preclude potential users' exposure to hazardous substances that remain at the Property and to complete the remedy selected in the Corrective Measures Study. U.S. EPA, with the concurrence of the Department, has concluded that the Property, remediated to the goals presented in the Corrective Measures Study, subject to the restrictions of this Covenant, and used in compliance with such restrictions, does not present an unacceptable threat to present or future human health or safety or the environment. Additional information about the Site, including the 2019 PCB risk analysis by U.S. EPA,is available at the EnviroStor, an online repository listed in paragraph 1.04, above.

ARTICLE II
DEFINITIONS

2.01. Department. "Department" means the California Department of Toxic Substances Control and includes its successor agencies, if any.

2.02. Environmental Restrictions. "Environmental Restrictions" means all protective provisions, covenants, restrictions, requirements, prohibitions, and terms and conditions as set forth in this Covenant

2.03 Improvements. "Improvements" includes, but is not limited to buildings, structures, roads, driveways, improved parking areas, wells, pipelines, or other utilities.

2.04. Lease. "Lease" means lease, rental agreement, or any other document that creates a right to use or occupy any portion of the Property.

2.05. Occupant. "Occupant" or "Occupants" means Owner and any person or entity entitled by ownership, leasehold, or other legal relationship to the right to occupy any portion of the Property.

2.06. Owner. "Owner" or "Owners" means the Covenantor, and any successor in interest including any heir and assignee, who at any time holds title to all or any portion of the Property.

2.07. U.S. EPA. "U.S. EPA" means the United States Environmental Protection Agency, and includes its successor agencies, if any.

ARTICLE III
GENERAL PROVISIONS

3.01. Runs with the Land. This Covenant sets forth Environmental Restrictions that apply to and encumber the Property and every portion thereof no matter how it is improved, held, used, occupied, leased, sold, hypothecated, encumbered, or conveyed. This Covenant: (a) runs with the land pursuant to Civil Codesection 1471 and Health and Safety Code section 25202.5; (b) inures to the benefit of and passes with each and every portion of the Property; (c) is for the benefit of, and is enforceable by the Department; and (d) is imposed upon the entire Property unless expressly stated as applicable only to a specific portion thereof.

3.02. Binding upon Owners/Occupants. This Covenant: (a) binds all Owners of the Property, their heirs, successors, and assignees, and (b) the agents, employees, and lessees of the Owners and the Owners' heirs, successors, and assignees. Pursuant to Civil Code section 1471, all successive Owners of the Property are expressly bound hereby for the benefit of the Department. this Covenant, however, is binding on all Owners and Occupants, and their respective successors and assignees, only during their respective periods of ownership or occupancy except that such Owners or Occupants shall continue to be liable for any violations of, or non-compliance with, the Environmental Restrictions of this Covenant or any acts or omissions during their ownership or occupancy.

3.03. Incorporation into Deeds and Leases. This Covenant shall be

incorporated by reference in each and every deed and Lease for any portion of the Property.

3.04. Conveyance of Property. The Owner and new Owner shall provide Notice to the Department and the U.S. EPA not later than 30 calendar days after any conveyance or receipt of any ownership interest in the Property (excluding Leases, and mortgages, liens, and other non-possessory encumbrances). The Notice shall include the name and mailing address of the new Owner of the Property and shall reference the site name and site code as listed on page one of this Covenant. The notice shall also include the Assessor's Parcel Number(s) noted on page one. If the new Owner's property has been assigned a different Assessor Parcel Number, each such Assessor Parcel Number that covers the Property must be provided. The Department shall not, by reason of this Covenant, have authority to approve, disapprove, or otherwise affect proposed conveyance, except as otherwise provided by law or by administrative order.

3.05. Costs of Administering the Covenant to Be Paid by Owner. The Department has already incurred and will in the future incur costs associated with this Covenant. Therefore, the Covenantor hereby covenants for the Covenantor and for all subsequent Owners that, pursuant to California Code of Regulations, title 22, section 67391.1(h), the Owner agrees to pay the Department's costs in administering, implementing, and enforcing this Covenant.

ARTICLE IV
RESTRICTIONS AND REQUIREMENTS

4.01. Prohibited Uses. The Property shall not be used for any of the following purposes without prior written approval by the Department pursuant to Health and Safety Code section 25227 and prior written notice to U.S. EPA :

a) A residence, including single or multifamily housing, mobile homes, or factory-built housing constructed or installed for use as residential human habitation.

b) A hospital for humans.

c) A public or private school for persons under 18 years of age.

d) A day care center or a playground for children.

4.02. Soil Management. Soil management activities at the Capped Property are subject to the following requirements in addition to any other applicable Environmental Restrictions:

a) No activities that will disturb the soil at or below grade or below concrete (e.g., excavation, grading, removal, trenching, filling, earth movement, mining, or drilling) shall be allowed at the Property without a Soil Management Plan pre-approved by the Department and U.S. EPA in writing.

b) Any soil brought to the surface by grading, excavation, trenching or backfilling shall be managed in accordance with all applicable provisions of state and federal law.

4.03 Prohibited Activities. The following activities shall not be conducted at the Property:

a) Drilling for any water, oil, or gas without prior written approval by theDepartment

b) Extraction or removal of groundwater without a Groundwater ManagementPlan pre-approved by the Department in writing.

c) Activity that may alter, interfere with, or otherwise affect the integrity or effectiveness of, or the access to, monitoring, operation, or maintenance ofthe concrete cover at the Capped Property without prior written approval of the Department and U.S. EPA.

4.04 Written Notice of Covenant and the Presence of Hazardous Substances Prior to the sale, lease, assignment, or other transfer of the Property, or any portion thereof, the Owner, lessor, or sublessor shall give the buyer, lessee, or sublessee written notice of the existence of this Covenant and its Environmental Restrictions. Prior to recordation of any easement on any portion of the Property, the Owner shall provide a copy of this Covenant to the easement holder to ensure that the easement holder is on notice of the restrictions and requirements of this Covenant. Covenantor shall also provide a copy of this Covenant to all existing Occupants and easement holders of record within 30 days of recording this Covenant.

4.05. Access for Department. The Department shall have reasonable right of entry and access to the Property for inspection, investigation, remediation, monitoring, and other activities as deemed necessary by the Department in order to protect human health or safety or the environment. Nothing in this instrument shall limit or otherwise affect the Department's right of entry and access, or authority to take response actions, under any applicable State Law.

4.06. Access for U.S EPA. The U.S. EPA shall have reasonable right of entry and access to the Property for inspection, investigation, remediation, monitoring, and other activities as deemed necessary by the U.S. EPA in order to protect human health or safety or the environment. Nothing in this instrument shall limit or otherwise affect U S. EPA's right of entry and access, or U.S. EPA's authority to take actions, under any applicable law.

4.07. Access for Implementing Operation and Maintenance. The entity or person responsible for implementing the operation and maintenance activities, if any, shall have reasonable right of entry and access to the Property for the purpose of implementing such operation and maintenance activities until the Department determines that no further operation and maintenance activity is required.

4.08. Inspection and Reporting Requirements. The Owner shall conduct an annual inspection of the Property verifying compliance with this Covenant; shall submit an annual inspection report to the Department for its approval by January 15th of each year; and also send a copy to U.S. EPA. Attached as Exhibit E is a sample format for an annual inspection report. The annual inspection report must include the dates, times, and names of those who conducted the inspection and reviewed the annual inspection report. It also shall describe how the observations that were the basis for the statements and conclusions in the annual inspection report were performed (e.g , drive by, fly over, walk in, etc.). If any violation is noted, the annual inspection report must detail the steps taken to correct the violation and return to compliance. If the Owner identifies any violations of this Covenant during the annual inspection or at any other

time, the Owner must within 10 calendar days of identifying the violation: (a) determine the identity of the party in violation, (b) send a letter advising the party of the violation of the Covenant, and (c) demand that the violation cease immediately. Additionally, a copy of any correspondence related to the violation of this Covenant shall be sent to the Department and U.S. EPA within 10 calendar days of its original transmission.

4.09. Five-Year Review. In addition to the annual reviews noted above, after a period of five (5) years from January 15, 2021 and every five (5) years thereafter, Owner shall submit a Five-Year Review report documenting its review of the remedy implemented and its evaluation to determine if human health and the environment are being adequately protected by the remedy as implemented. The Owner shall submit this report to DTSC, and submit a copy to U.S. EPA. The report shall describe the results of all inspections, sampling analyses, tests and other data generated or received by Owner and evaluate the adequacy of the implemented remedy in protecting human health and the environment. As a result of any review work performed, Department may require Owner to perform additional review work or modify the review work previously performed by Owner.

4.10. Changes to Use or Condition of Property. Any changes to land use, movement of PCB contaminated soils, or discovery of new contamination requires notification to, and may require additional approval from, the U.S. EPA by the Owner and/or Occupant.

4.11. Access for Five-Year Reviews. The entity, person, or persons responsible for Five-Year Reviews shall have reasonable right of entry and access to the Property for the purpose of implementing these activities. Such right of entry and access shall continue until such time as the U.S. EPA and DTSC both determine that no further Five-Year Review activities are required.

ARTICLE V
ENFORCEMENT

5.01. Enforcement. Failure of the Owner or Occupant to comply with this Covenant shall be grounds for the Department to require modification or removal of any Improvements constructed or placed upon any portion of the Property in violation of this

Covenant. Violation of this Covenant, such as failure to submit (including submission of any false statement) record or report to the Department, shall be grounds for the Department to pursue administrative, civil, or criminal actions, as provided by law.

5.02. Enforcement Rights of U.S. EPA as Third-Party Beneficiary. U.S. EPA, as a third-party beneficiary, has the right to enforce the Environmental Restrictions contained herein.

ARTICLE VI
VARIANCE, REMOVAL AND TERM

6.01. Variance from Environmental Restrictions. Any person may apply to the Department for a written variance from or other modification of any of the Environmental Restrictions imposed by this Covenant. Such application shall be made in accordance with Health and SafetyCode section 25223. A copy of the application shall be submitted to the U.S. EPA simultaneously with the application submitted to the Department. No variance or modification may be granted under this paragraph without prior notice and opportunity to comment by U S. EPA.

6.02 Removal of Environmental Restrictions. Any person may apply to the Department to terminate or otherwise remove any or all of the Environmental Restrictions imposed by this Covenant or terminate the Covenant in its entirety Such application shall be made in accordance with Health and Safety Code section 25224 and a copy of the application shall be submitted to U.S. EPA simultaneously with the application submitted to the Department. No termination may be granted under this paragraph without prior notice to and opportunity to comment by
U.S. EPA.

6.03. Term Unless ended in accordance with paragraph 6.02, by law, or by the Department in the exercise of its discretion, this Covenant, shall continue in effect in perpetuity.

ARTICLE VII
MISCELLANEOUS

7.01. No Dedication Intended. Nothing set forth in this Covenant shall be construed to be a gift or dedication, or offer of a gift or dedication, of the Property, or any portion thereof, to the general public or anyone else for any purpose whatsoever.

7.02. Recordation. The Covenantor shall record this Covenant, with all referenced Exhibits, in the County of Riverside within 10 calendar days of the Covenantor's receipt of a fully executed original. The Covenantor shall also provide copies showing the County Recorder's tracking information of its recording (i.e., document number or book and page number information) to the Department and U.S.EPA within ten (10) days of receiving it from the County Recorder's Office.

7.03. Notices. Whenever any person gives or serves any Notice ("Notice" as used herein includes any demand or other communication with respect to this Covenant), each such Notice shall be in writing and shall be deemed effective: (a) whendelivered, if personally delivered to the person being served or to an officer of a corporate party being served; or (b) five calendar days after deposit in the mail, if mailedby United States mail, postage paid, certified, return receipt requested:

To Owner:
Mark Willett, General Manager
Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719

And

To Department.
A. Edward Morelan, Chief
Cypress Cleanup Branch
Site Miligation and Restoration Program
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

To U.S. EPA:
U.S. Environmental Protection Agency
Region IX
Attention: PCB Coordinator (Land Chemicals and
Redevelopment Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

Any party may change its address or the individual to whose attention a Notice is to be sent by giving advance written Notice in compliance with this paragraph.

7.04. Partial Invalidity. If this Covenant or any of its terms are determined by a court of competent jurisdiction to be invalid for any reason, the surviving portions of thisCovenant shall

remain in full force and effect as if such portion found invalid had not been included herein.

7.05. Statutory References. All statutory or regulatory references includesuccessor provisions.

7.06. Incorporation of Exhibits All exhibits and attachments to this Covenantare incorporated herein by reference.

IN WITNESS WHEREOF, the Covenantor and theDepartment hereby execute this Covenant.

Covenantor: Clow Valve Company

By: _____ Date: 11-05-21

Name and Title: Mark Willett, General Manager

Department of Toxic Substances Control:

By: _____ Date: 11-18-2021

Name and Title: A. Edward Morelan, Chief
Cypress Cleanup Branch
Site Mitigation and Restoration Program

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of ~~California~~ Iowa

County of Nebraska

On November 5, 2021 before me,

Adam Boden

(space above this line is for name and title of the officer/notary),

personally appeared Mark W. Hess, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of ~~California~~ Iowa that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

ADAM BODEN
Commission Number 767608
My Commission Expires
12-14-23

Adam Boden (seal)

Signature of Notary Public

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Los Angeles

On November 10, 2021 before me,

Dana Christine Orozco, Notary Public

(space above this line is for name and title of the officer/notary),

personally appeared A. Eduard Morelan, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



(seal)

Signature of Notary Public

Exhibit A – "Legal Description" – APN 107-030-022-3

Exhibit B – "Plot Plan" - APN 107-030-022-3

Exhibit C – "Capped Property" - Legal Description

Exhibit D – "Capped Property" - Sketch

Exhibit E – "LUC Sample Annual Inspection Report"

EXHIBIT "A"

LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS, ON THE WEST BY THE EASTERLY LINE OF THE PORPHYRY SPUR OF THE ATCHISON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84-227367 AND RE-RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85-028214 BOTH OF OFFICIAL RECORDS.

APN: 107-030-022-3

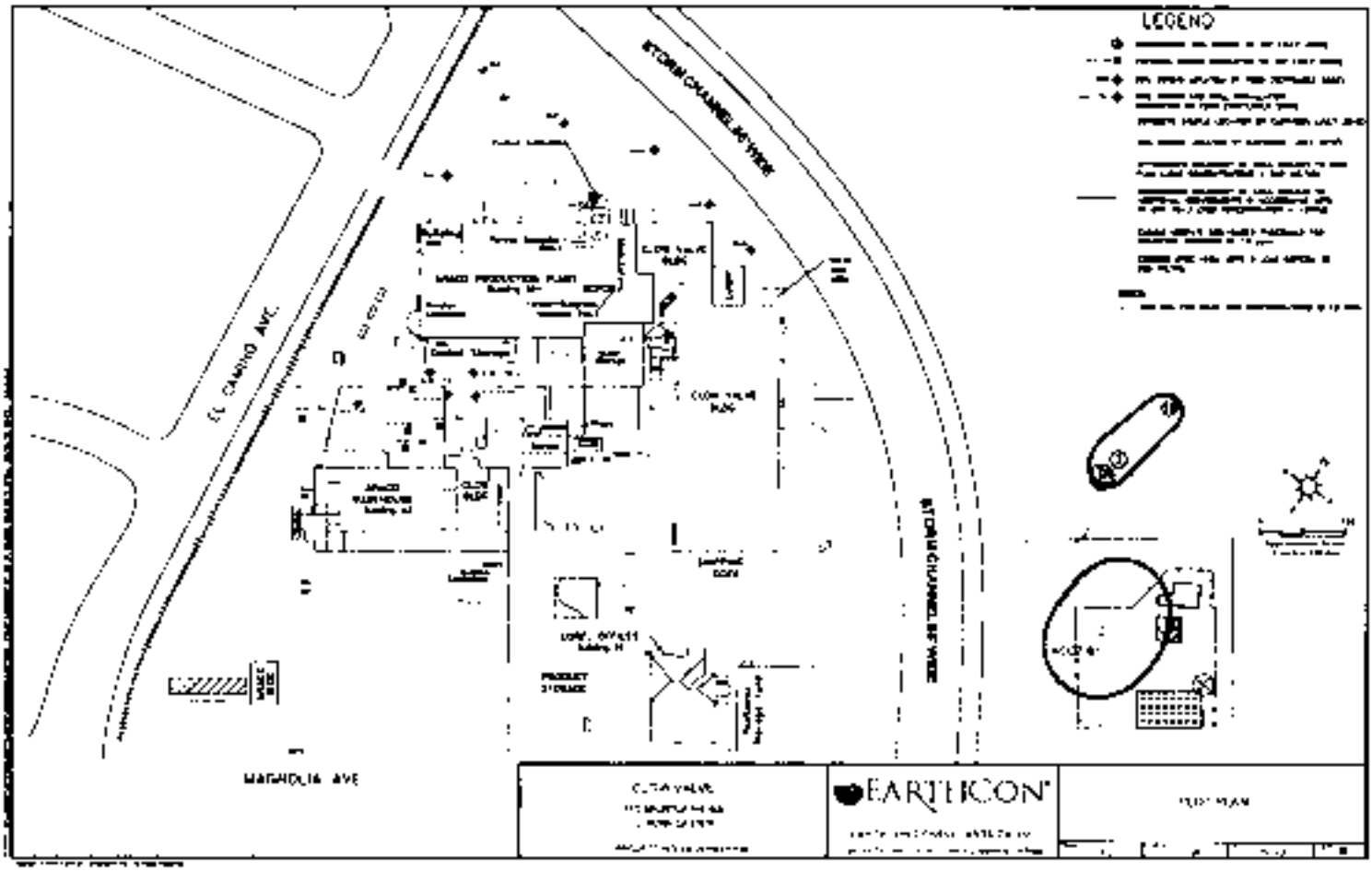

LEGEND
EL CAMINO AVE.
STORM CHANNEL SEWER
MAGNOLIA AVE
EARTHCON

EXHIBIT "C"
LEGAL DESCRIPTION
Portion of APN 107-030-022

BEING IN THE CITY OF CORONA COUNTY OF RIVERSIDE, STATE OF CALIFORNIA THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST , AS SHOWN BY SECTIONIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATION COMPANY, AS SHOWN ON MAP FILED IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COMPTON AVENUE (ALSO KNOWN AS EL CAMINO AVENUE) AND THE CENTERLINE OF TEMESCAL CREEK CHANNEL AS SHOWN ON RECORD OF SURVEY FILED IN BOOK 71, PAGES 7 THROUGH 11, INCLUSIVE OF RECORDS OF SURVEY IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, THENCE, SOUTHEASTERLY ALONG THE CENTERLINE OF SAID TEMESCAL CREEK CHANNEL, SOUTH 79°49'49" EAST (SHOWN AS S79°48'46" EAST ON SAID RECORD OF SURVEY), 477 06 FEET, THENCE, LEAVING SAID CENTERLINE, SOUTH 10°22'04" WEST, 84 25 FEET TO THE TRUE POINT OF BEGINNING FOR THIS DESCRIPTION THENCE, NORTH 79°37'56" WEST, 269 59 FEET, THENCE, SOUTH 56°04'15" WEST, 116 07 FEET TO A POINT ON THE EASTERLY LINE OF A.T &S F RAILROAD RIGHT OF WAY AS SHOWN ON SAID RECORD OF SURVEY, THENCE, SOUTHERLY ALONG SAID EASTERLY RIGHT OF WAY LINE, SOUTH 05°28'23" EAST, 800 61 FEET, THENCE, LEAVING SAID EASTERLY RIGHT OF WAY, NORTH 83°44'45" EAST, 203 93 FEET; THENCE, NORTH 47° 08'29" EAST 630.00 FEET; THENCE, NORTH 34°06'13" WEST, 404.00 FEET; THENCE NORTH 79°37'56" WEST, 155 41 FEET TO THE TRUE POINT OF BEGINNING

TOGETHER WITH TWO AREAS WITHIN THE ABOVE DESCRIBED EASEMENT, THE FIRST BEING DESCRIBED AS FOLLOWS: AREA 1, COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COMPTON AVENUE (ALSO KNOWN AS EL CAMINO AVENUE) AND THE CENTERLINE OF TEMESCAL CREEK CHANNEL AS SHOWN ON RECORD OF SURVEY FILED IN BOOK 71, PAGES 7 THROUGH 11, INCLUSIVE, OF RECORDS OF SURVEY IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, THENCE, SOUTHEASTERLY ALONG THE CENTERLINE OF SAID TEMESCAL CREEK CHANNEL, SOUTH 79°49'49" EAST (SHOWN AS S79°48'46" EAST ON SAID RECORD OF SURVEY), 477 06 FEET; THENCE LEAVING SAID CENTERLINE, SOUTH 10°22'04" WEST, 214.25 FEET; THENCE, SOUTH 79°49'49" EAST, 75 15 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 1, THENCE, SOUTH 79°49'49" EAST, 30.00 FEET, THENCE, SOUTH 10°10'11" WEST, 30 00 FEET THENCE, NORTH 79°49'49" WEST, 30 00 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT A THENCE NORTH 10°10'11" EAST, 30 00 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 1

EXHIBIT "C"
LEGAL DESCRIPTION
(Continued)

AREA 2, COMMENCING AT THE POINT HEREINBEFORE REFERRED TO AS POINT A THENCE, SOUTH 10°10'11 WEST 13 15 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 2, THENCE, SOUTH 10°10'11 WEST, 60 00 FEET; THENCE, SOUTH 79°49'49 EAST, 60.00 FEET; THENCE, NORTH 10°10'11 EAST, 60.00 FEET, THENCE, NORTH 79°49'49 WEST, 60 00 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 2.

THE ABOVE DESCRIBED GROSS AREA EASEMENT CONTAINS 422,249 SQ.FT. 9.694 ACRES MORE OR LESS

THE ABOVE DESCRIBED AREA 1 CONTAINS 900 SQ FT., 0.021 ACRES MORE OR LESS

THE ABOVE DESCRIBED AREA 2 CONTAINS 3,600 SQ FT, 0.083 ACRES MORE OR LESS.

As shown on Exhibit "B" attached hereto and by this reference made a part hereof

Prepared by:

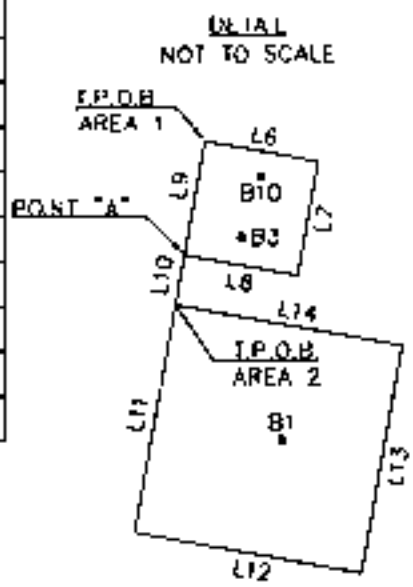
Douglas Boynton, PLS4787
(562) 426-6464
March 17, 2020



EXHIBIT "D"

Sketch to accompany Legal Description

LINE TABLE		
L1	84.25'	S10°22'04"W
L2	116.37'	S56°04'15"W
L3	155.41'	N79°37'56"W
L4	130.00'	S10°22'04"W
L5	75.15'	S79°49'49"E
L6	30.00'	S79°49'49"E
L7	30.00'	S10°10'11"W
L8	30.00'	N79°49'49"W
L9	30.00'	N10°10'11"E
L10	13.15'	S10°10'11"W
L11	60.00'	S10°10'11"W
L12	60.00'	S79°49'49"E
L13	60.00'	N10°10'11"E
L14	60.00'	N79°49'49"W



FD SPK/W LS5411 PER PM 36460, PMB 236 PGS 1-4

COMPTON AVE

905.90'

N05°28'23"W

A.T.&S.F. R.R.

FD LEAD AND TACK, NO TAG PER PM 36460, PMB 236 PGS 1-4

P.O.C.

477.06' S79°49'49"E

T.P.O.B

TEMESCAL CREEK CHANNEL

50.00' N79°49'49"W

315.56' N79°49'49"W

269.59'

425.00'

N79°37'56"W

L3

45.78' S05°28'23"E

50.00' N10°10'11"E

403.95'

N05°28'23"W

R/W

(EL CAMINO AVE)

B10

B3

B1

404.00' N34°06'13"W

SEE DETAIL

S05°28'23"E 800.61'

29'

29'

202.68' N30°04'05"W

830.00' N47°08'29"E

FD MAG NAIL AND WASHER PER PM 36460, PMB 236 PGS 1-4

203.93' N83°44'45"E

LICENSED LAND SURVEYOR * STATE OF CALIFORNIA

DOUGLAS A. BOYNTON

EXP. 30 SEP 20

L.S. 4787

Note: Analytical data associated with these areas are identified in the Soil Management Plan Figures 3A, 3F, 3G, and 3K

NORTH

SCALE 1"= 200'

EXHIBIT E

LAND USE COVENANT
SAMPLE ANNUAL INSPECTION REPORT (2 Pages)

Site name:

Site address:

Current Site owner:

Date and times of inspection:

Name(s) of individual(s) who performed inspection:

How inspection observations were made (e.g. drive-by, fly-over, walking the Property):

1. Since the last annual inspection, has there been a change in the land use, such that there are now residences, a hospital for humans, a public or private school for persons under 21 years of age, or a day care center for children on the restricted Property?
   ☐ Yes ☐ No ☐ Not an applicable restriction

2. Since the last annual inspection, has the soil been disturbed on the restricted Property? Was evidence of soil disturbance observed on the restricted Property during the inspection?
   ☐ Yes ☐ No ☐ Not an applicable restriction

3. Since the last annual inspection, has there been any drilling on the restricted Property? Was evidence of drilling observed on the restricted Property during the inspection?
   ☐ Yes ☐ No ☐ Not an applicable restriction

<u>Cap Condition</u>

4. Since the last annual inspection, has there been any damage to, disturbance of, or modifications to the existing building foundation and/or surrounding pavement that serves as the cap over contaminated soil?
   ☐ Yes ☐ No

5. Has there been any damage to, disturbance of, or modifications to the asphalt/concrete Cap covering the restricted Property?

   ☐ Yes ☐ No

Land Use Covenant Compliance

6. Has there been a change in the land use of the property from commercial/industrial?

   ☐ Yes ☐ No

If the response to any of the above questions is yes, describe the circumstances.

Photos should be attached to this report that show the use of the Restricted Property at the time of the inspection and the condition of any Caps on the restricted Property. Photos showing any cracks in or damage to the Cap should also be included.

I certify under penalty of law that this document and all attachments were prepared by me or under my direction or supervision. With the exception of any areas of non-compliance noted above, all uses and activities on the restricted Property were found to be in compliance with the restrictions and requirements of the Land Use Covenant. Based on my personal knowledge or inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Signature of Property Owner or Representative	Date
Print Name	Title

OPERATIONS AND MAINTENANCE PLAN

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

PREPARED FOR:

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA 92879

PREPARED BY:

EARTHCON CONSULTANTS CA, INC.
1100 TOWN & COUNTRY ROAD, SUITE 200
ORANGE, CALIFORNIA 92868

EARTHCON PROJECT NUMBER. 04.20150013.17

JUNE 18, 2021

Certification:

Operations and Maintenance Plan

Clow Valve
1375 Magnolia Avenue
Corona, California

Prepared for:

Clow Valve
1375 Magnolia Avenue
Corona, California 92879

June 18, 2021

EarthCon Consultants CA, Inc. (EarthCon) presents conclusions herein based solely upon the agreed upon scope of work outlined in this plan. EarthCon makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this plan. Additional information, which was not found or available to EarthCon at the time of writing this plan, may result in modification of the conclusions presented. This plan is not a legal opinion. The services performed by EarthCon have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

Signed:

Rebecca Sundilson
Senior Scientist

Jeff Bennett, PG 6027, CHG 400
Principal Hydrogeologist



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Appendix

Appendix A	Site Health and Safety Plan (HASP)
Appendix B	Inspection Form
Appendix C	Draft Land Use Covenant
Appendix D	O&M Cost Estimate

1.0 INTRODUCTION AND REGULATORY STATUS

On behalf of Clow Valve Company (Clow), a Division of McWane, EarthCon Consultants CA, Inc (EarthCon), has prepared this Operations and Maintenance Plan (O&M Plan) for the property located at 1375 Magnolia Avenue in Corona, California (Site; see Figures 1 and 2). The O&M Plan is required by the Corrective Measures Study (CMS) (EarthCon, 2019).

Clow will implement the field activities as identified in the Corrective Measures Implementation Workplan (CMIWP) for the Site during the Winter/Spring 2021. Proposed CMIWP activities will be conducted under the supervision of the Department of Toxic Substances Control (DTSC) and in accordance with the Corrective Action Consent Agreement between the California Department of Toxic Substances Control (DTSC) and Clow [Docket No. SPRD 00/01SCC-4208, March 2002]. The DTSC-approved corrective measures will be implemented to yield conditions suitable for continued commercial/industrial use. The entire Site is restricted for industrial use in accordance with the Land Use Covenant (LUC), executed by Clow and DTSC on (draft – TBD)

As noted in the CMS, the majority of the Site is covered by concrete or asphalt, with the exception of AOC1 and AOC5. A discussion of the capping activities associated with AOC1 and AOC5 are provided in the CMIWP. Minor localized cracking was identified in some of the remaining AOCs on-Site. Further, requirements for the Site included the implementation of institutional controls including an O&M Plan, as discussed in detail in the following sections.

1.1 O&M Plan Goals and Objectives

The O&M Plan has been designed to establish a set of procedures for LUC required inspection of the Site and inspection and maintenance of the concrete and/or asphalt cover (cap) on-Site. Additionally, this O&M Plan has been prepared in order to ensure compliance with the LUC and applicable State and Federal Hazardous Waste Control laws and regulations. The goal of the O&M Plan is to prevent contact with contaminated soil, reduce water infiltration, erosion, and dispersion of soil contaminated with constituents of concern. In addition, the O&M Plan will be utilized to protect on-Site personnel, contractors, personnel conducting O&M activities, and/or visitors. Therefore, this O&M Plan will address the following objectives:

- Provide a schedule and procedures for routine inspections and unplanned events.
- Provide procedures, construction details, and schedule for timely repair and/or replacement for concrete/asphalt cover (cap) on-Site.
- Maintain O&M related documentation (inspections, repairs, reporting to agencies, etc.) .
- Notify DTSC and US EPA of O&M and redevelopment plans that involve soil disturbance and or soil cover disturbance activities (See Section 5).
- Notify future Site lessees/occupants of the LUC requirements (See Section 3 and Appendix C). Provide annual notifications to DTSC and US EPA of the inspections outcome and return to compliance.

A summary of previous investigations as well as elements of the O&M Plan are described in detail in the following sections.

1.2 Responsibilities

The property owner has ultimate responsibility for following the O&M Plan, HASP, and LUC. The property owner shall oversee implementation of this O&M Plan at the Site. In addition, the property owner shall make available a copy of the O&M Plan to contractors that may be performing O&M activities at the Site and to lessees / occupants.

Any maintenance and redevelopment activities conducted by the property owner will be done in accordance with the requirements of this O&M Plan. In addition, both the DTSC and US EPA will be notified of such activities prior to implementation.

2.0 SUMMARY OF PREVIOUS INVESTIGATIONS

A DTSC Compliance Evaluation Inspection at the Site lead to development of a Corrective Action Consent Agreement (CACA) that was finalized on March 6, 2002 (Docket No. SPRD 00/01SCC-4208). In accordance with the CACA, the following nine (9) areas of concern (AOC) were identified at the Site (see Figure 2 and Figures 3A through 3J):

- AOC1 – Rail Spur Area (including area of diesel impact)
- AOC2 – Chip-Bin Storage Area
- AOC3 – Water Pressure Test Area
- AOC4 – Former Iron Foundry Sand Cleanup Area
- AOC5 – Oil-Stained Pad (eastern portion of AOC1)
- AOC6 – Former Asphalt Dip Tank
- AOC7 – Transformer Area 1
- AOC8 – Transformer Area 2
- AOC9 – Former Test-Pond (filled)

Groundwater investigations at the Site included installation of an initial groundwater monitoring well (MW-1) and sampling results from 2006 showed a low level of TCE (1.43 ug/L, which is below the Maximum Contaminant Level of 5 ug/L). Given the absence of any chlorinated solvent use at the Site, the TCE detection was postulated to be related to an off-Site source.

In February 2017, two additional groundwater monitoring wells (MW-2, MW-3) were installed on-Site as identified by the locations illustrated on Figure 2. Installation of these wells allowed for calculation of the Site-specific groundwater flow direction and gradient, which confirmed that MW-1 was appropriately positioned to evaluate potential groundwater impacts related to the former TPH-d release at AOC1. Subsequent monitoring demonstrated that groundwater chemistry beneath the Site was similar to local background concentrations; therefore, it was determined that groundwater would not be incorporated into the corrective measures for the Site.

The historical data, a Human Health Risk Assessment, and current Site operations were used to

prepare a *Corrective Measures Study* (CMS) for the Site (EarthCon, 2018). The CMS identified that excavation (AOC7) and capping in place (AOC1, AOC5, and AOC7) as the selected remedy. However, due to the presence of PCBs at AOC-7, additional Site assessment activities were conducted in July 2018, October 2018, and January 2019 under the oversight of the USEPA. The USEPA also required that further assessment of potential PCB impacted soil would be evaluated at AOC3 and AOC6 as well. The results were summarized in a document titled *Risk-Based Approval Application 40 CFR 761.61 (c)(1)* (EarthCon, 2019). Based on the results from the PCB related Site assessment activities, EarthCon recommended that rather than excavating PCB-impacted soil at AOC7 that the Site remained capped, with the existing concrete cap having the ability to protect industrial workers from exposure to PCB concentration in the underlying soil. In a letter dated April 23, 2019, the USEPA approved the application with the conditions including preparation of the following: Deed Restriction, Operations and Maintenance Plan, and Soil Management Plan, and PCB Cleanup Report (CMI Report).

Upon receipt of the approval letter from the USEPA, the DTSC approved the CMS in a letter dated May 16, 2019. The *Corrective Measures Implementation Work Plan* presented details associated with the cap design and the installation and implementation schedule for AOC1 and AOC5. The proposed schedule for the evaluation and repair of the exiting ground cover in AOC2, AOC4, and AOC9 was also addressed. Additionally, potential cap repair and/or construction, if necessary, associated with AOC3, AOC6, and AOC7 was identified to require the oversight of the USEPA.

3.0 LAND USE COVENANT

As noted previously, a LUC will be recorded to restrict the future use of the entire Site to commercial/industrial uses appropriate for the human health risk hazard and prohibits Site development for residential and sensitive receptor uses for the entire Site. For all restrictions and requirements in the LUC see Appendix C. In addition, for AOC3, AOC6, and AOC7, specific requirements of 40 CFR 761.61(a)(8) must also be met, including:

- Record deed restriction within 60 days of completion of cleanup activity
- Indicate that land has been used for PCB remediation waste disposal and is restricted to use as a low occupancy area as defined in 40 CFR 761.3
    - *Low occupancy area* means any area where PCB remediation waste has been disposed of on-site and where occupancy for any individual not wearing dermal and respiratory protection for a calendar year is: less than 840 hours (an average of 16.8 hours per week) for non-porous surfaces and less than 335 hours (an average of 6.7 hours per week) for bulk PCB remediation waste. Examples could include an electrical substation or a location in an industrial facility where a worker spends small amounts of time per week (such as an unoccupied area outside a building, an electrical equipment vault, or in the non-office space in a warehouse where occupancy is transitory).
- Identify the existence of the cap and the requirement to maintain the cap
- Denote the applicable cleanup levels used at the site, under the cap
- Submit a certification, signed by the owner, that he/she has recorded the notation specified in 40 CFR 761.61 (a)(8)(i)(A) to the EPA Regional Administrator
- If, in the future, additional cleanup activities are conducted to remove PCBs to achieve cleanup levels specified in 40 CFR 761.61(a)(4), which do not require a cap, the owner may remove the notice on the deed no earlier than 30 days after achieving the applicable cleanup levels.[1]
- A land survey was prepared by a California licensed Professional Land Surveyor is be included to provide a basis for the LUC. This survey depicts the Site, area subject to 40 CFR 761.3 (PCB impacted soil), and the area subject to soil cover O&M (lead impacted soil) (See Figure 4).

1 As noted in the *Site Management Plan* the Site soil with PCB concentrations of 15 ppm or greater will be removed, as required by the USEPA. Soil characterized with PCB concentrations $\geq$ to 50 ppm will be transported off-Site for disposal at a TSCA-approved facility.

4.0 O&M PLAN IMPLEMENTATION

The purpose of the O&M Plan is to ensure clarity of the ongoing requirements for the remedial surface cover (concrete/asphalt cap) for the Site after the CMIWP has been completed. The O&M Plan will be implemented while the LUC remains in effect. Projected costs associated with the O&M Plan are provided in Appendix D.

4.1 Routine Inspections

As noted in the CMIWP, annual inspections of the surface cover will continue in perpetuity until the contaminated material is removed or demonstrated to no longer represent a risk to human health or the environment.

During inspection of the surface cover, any crack visible at the surface should be identified as a "penetrating crack". One or more of following observations will identify which cracks that will require repair:

- Length equal or greater to 12 inches
- Width equal or greater to 0.25 inches
- Evidence of base course or soil exposure
- Evidence of vegetation (e.g. grass, weeds, etc.) growing through crack
- Evidence of surface deterioration
- Evidence of difference in elevation
- Evidence of ponding water

The corrective action for cracks, if warranted, should be identified on the inspection form. Corrective action may include a rubberized asphalt-emulsion crack filler, application of an area-wide slurry seal, or repaving. In addition, repairs will be made in the event that ponding is present/observed.

In addition to the inspection of the surface cover, the following items must be reported to if observed during inspections:

- Cap disturbing activities,
- Activities that bring soil to the surface,
- Unauthorized Site use for residential, or

- Unauthorized Site use for a school or day care for children under 18 years of age.

Annual inspections will be conducted by knowledgeable personnel as designated by the property owner. The knowledgeable personnel will inspect the condition of the surface cover noting observations on a Site-specific inspection form (see Appendix B for an example).

4.2 Inspections for Unplanned Events

Additional inspections should be conducted in the case of unexpected events occur that have the potential to affect the integrity of the surface cover (i.e. earthquake, on-Site fire, etc.). Details of the unplanned event should be noted on the inspection form. In the case of an earthquake, identify the magnitude and proximity to the Site. Generally, an earthquake with a magnitude 5.0 or greater within 100 miles would trigger an unexpected event inspection. Damage noted by Site personnel will be investigated whether it was determined to have been the result of a specific unplanned event or not.

4.3 Reporting

Written reporting of both annual and unplanned event inspections shall be submitted to DTSC for review within three (3) weeks of completing the on-Site inspection. In addition, a “Five Year Review” of the O&M inspections will be prepared and subsequently submitted to the DTSC.

4.4 Recordkeeping

Records will be maintained on-Site while the LUC remains in effect. Records will include, but not be limited to, inspections, Five Year Review, and associated agency correspondence. Cap repair records, soil management, and disposal records.

5.0 SOIL MANAGEMENT PLAN

The purpose of the Soil Management Plan (SMP) is to provide guidance for management of soils in the event excavation or soil disturbance is required. Areas of the Site subject to the SMP are identified in Figure 4. In the event repairs and/or replacement of the concrete/asphalt surface cover (cap) may require soil disturbing activities, such activities will be conducted in accordance with the SMP Plan. The O&M knowledgeable personnel is responsible for identifying such activities and subsequently notifying the property owner and/or designated individuals responsible for implementing the SMP.

6.0 REFERENCES

Advanced Environmental Services, Inc. (AESI). 2002. Clow Valve Company Preliminary Endangerment Assessment and Facility Workplan 1375 Magnolia Avenue, Corona, California 91719. March 28, 2002.

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EST. 2005. Preliminary Summary of Site Assessment Results and Proposed Further Assessment. Clow Valve Company, 1375 magnolia Avenue, Corona, California. November 29, 2005.

The Fehling Group. 2017. Health Risk Assessment. Clow Valve Company, 1375 Magnolia Avenue, Corona, California. October 26, 2017.

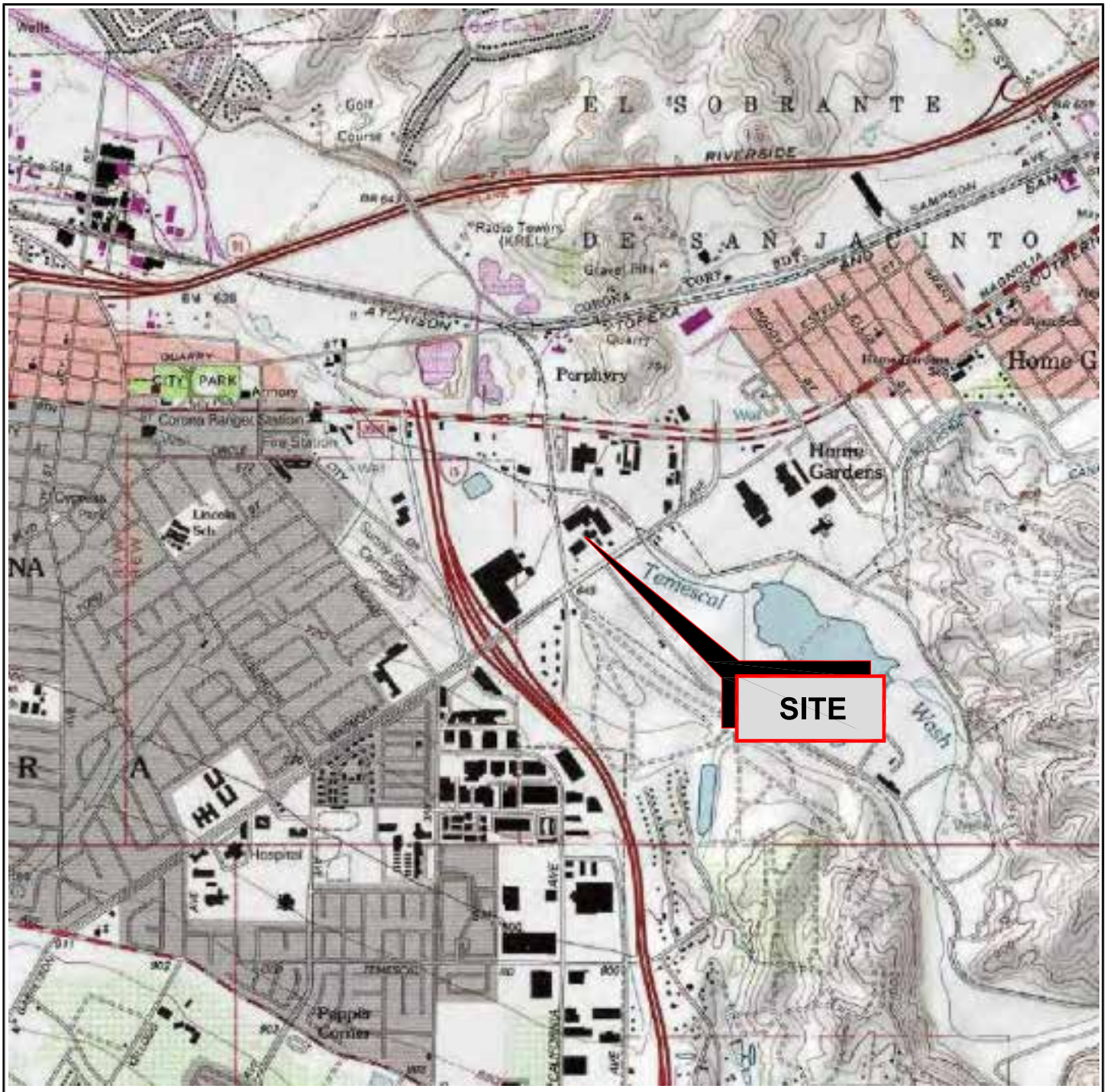
Fero Environmental Engineering, Inc (Fero). 2006. Further Investigation Workplan. Clow Valve Company. 1375 magnolia Avenue, Corona, California 93446. July 27, 2006.

Fero. 2006. Report of Findings. Clow Valve Company, 1375 Magnolia Avenue, Corona, California 93446. December 18, 2006.

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Fero. 2009. Corrective Measures Workplan. Report of Findings. Clow Valve Company, 1375 Magnolia Avenue, Corona, California 93446. EPA ID Number CAD063115133. March 2009.

FIGURES



FROM: U.S. GEOLOGICAL SURVEY, 1997
QUADRANGLE: CORONA SOUTH
COUNTY: RIVERSIDE
SERIES: 7.5-MINUTE QUAD

NOTE: ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE

N
W E
S

0 2000 Feet
SCALE

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

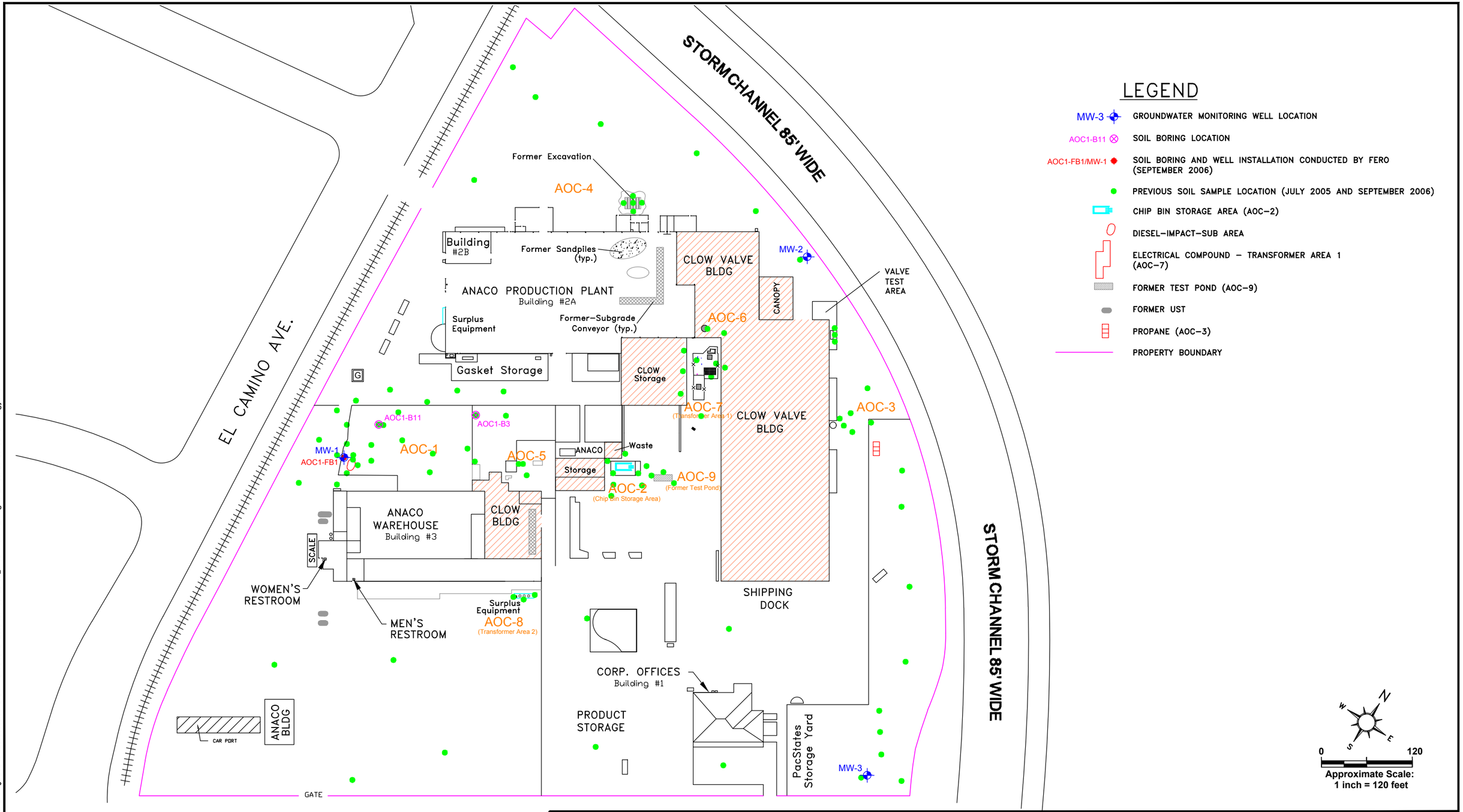
EARTHCON®
EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVENUE, SUITE 102, ORANGE, CA 92868

VICINITY MAP

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	12/30/15	1

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE 1375 MAGNOLIA AVENUE, CORONA, CA_VICINITY MAP

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LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

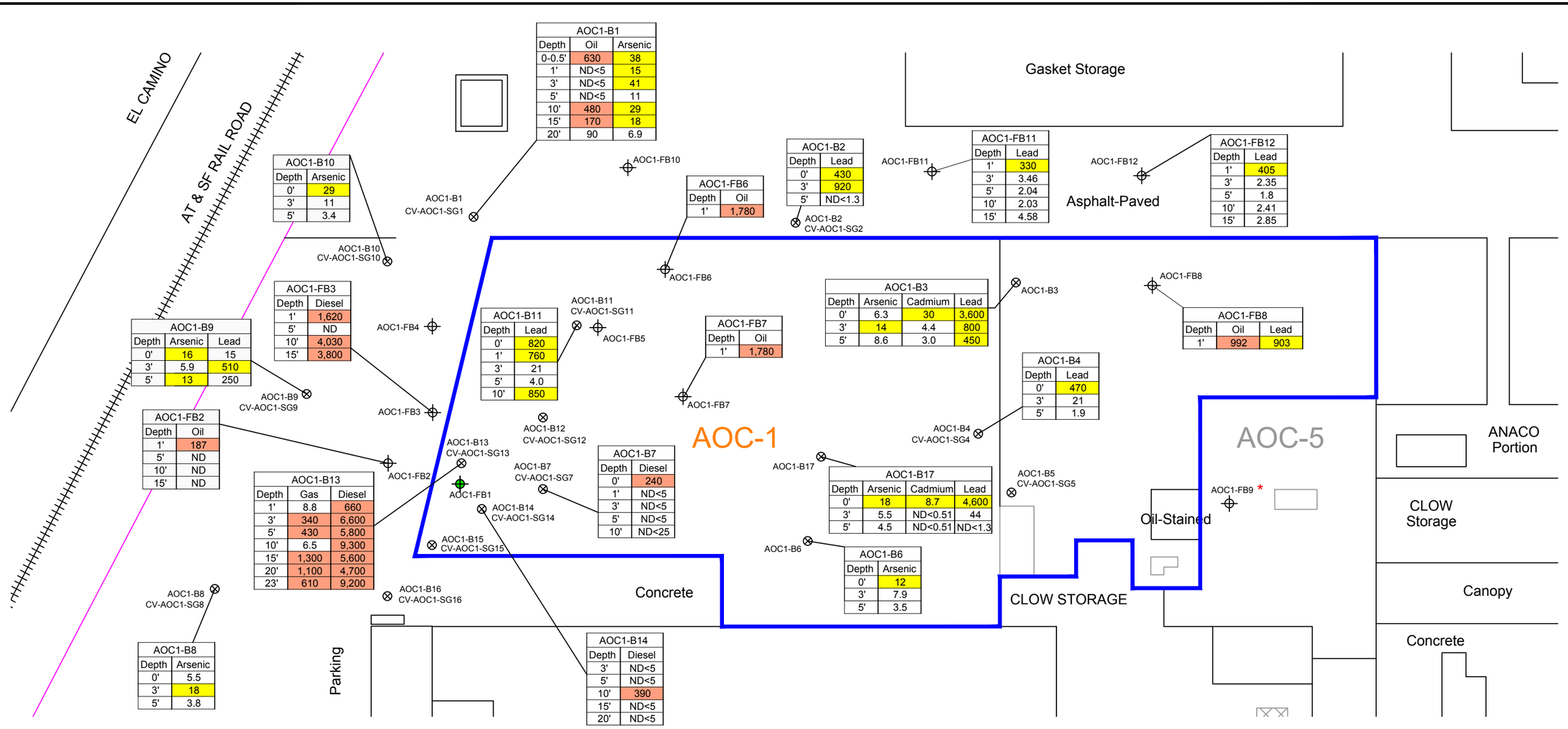
EARTHCON®
EARTHCON CONSULTANTS CA, INC
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

SITE PLAN

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/21/19	2

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-21-19_Site Plan F2.dwg (F2) 10/21/19 15:40 - kgyawali

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LEGEND

- AOC7-B3 ⊗ — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- AOC1-FB7 ⊕ — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC1-FB1 ⊕ — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- * — ORIGINALLY IDENTIFIED AS AOC1-FB9
- PROPOSED AREA OF CAPPING AT AOC-1 (UNPAVED)

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. November 2015. HQ=1.0
(1) = General California Background Concentration (DTSC, January 2009)
(2) = DTSC HHRA Note 3 (August 2017)
(3) = OEHHA CHHSL (September 2009)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

	LUFT	RSLs
TPH-gas	100	--
TPH-diesel	100	--
TPH-oil	100	--
Arsenic	--	12 (1)
Cadmium	--	7.3 (2)
Lead	--	320 (3)

N W E S
0 30
Approximate Scale: 1 inch = 30 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

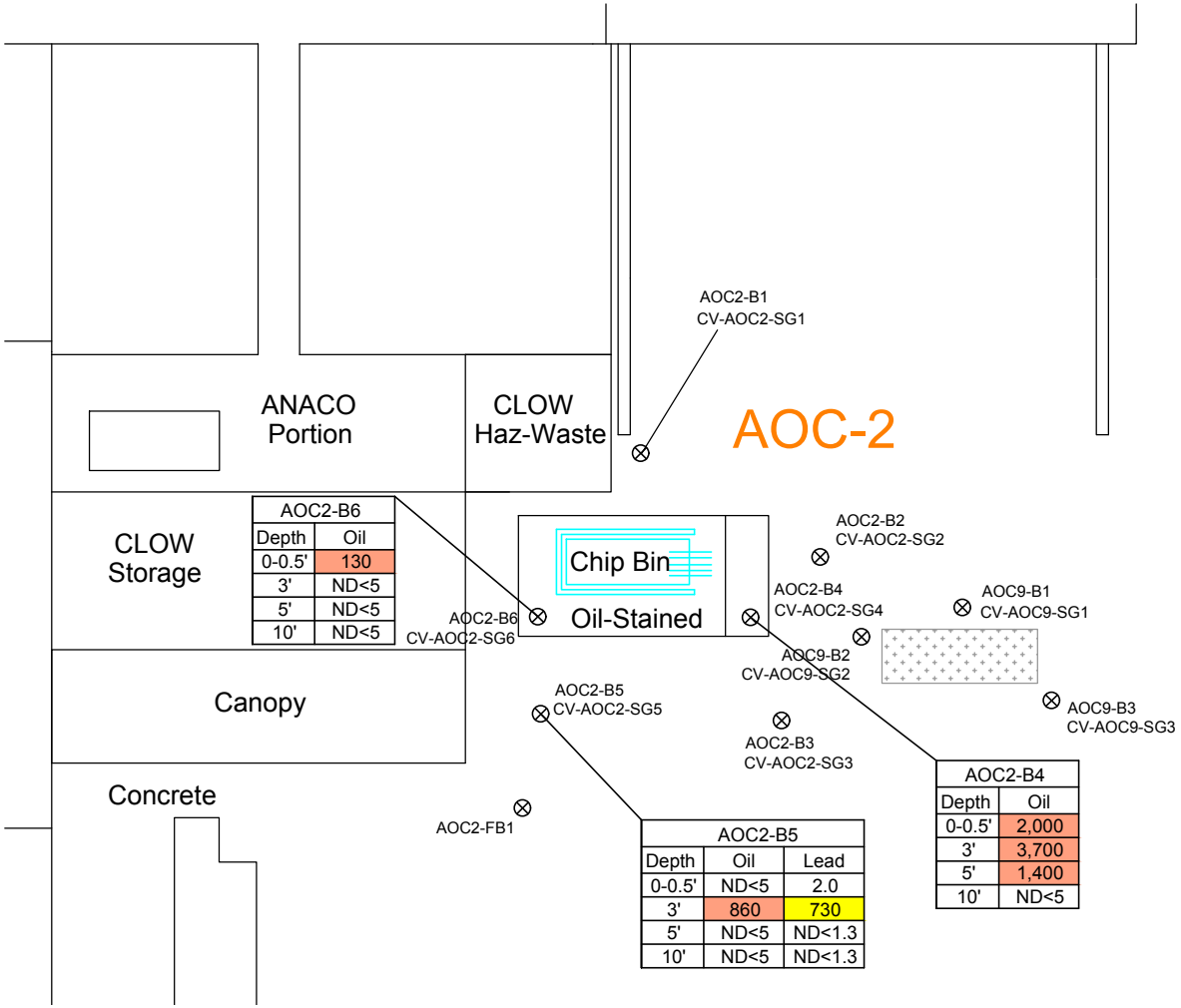
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1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC1 - RAIL SPUR AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	03/26/20	3A

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD2020\SP 03-26-20_F3A.dwg (3A<ADC1>) 03/26/20 0906 - kgvawall

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AOC2-B6	
Depth	Oil
0-0.5'	130
3'	ND<5
5'	ND<5
10'	ND<5

AOC2-B4	
Depth	Oil
0-0.5'	2,000
3'	3,700
5'	1,400
10'	ND<5

AOC2-B5		
Depth	Oil	Lead
0-0.5'	ND<5	2.0
3'	860	730
5'	ND<5	ND<1.3
10'	ND<5	ND<1.3

LEGEND

AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

	LUFT	RSLs
TPH-oil	100	--
Lead	--	320 (2)

N W E S

0 30

Approximate Scale: 1 inch = 30 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

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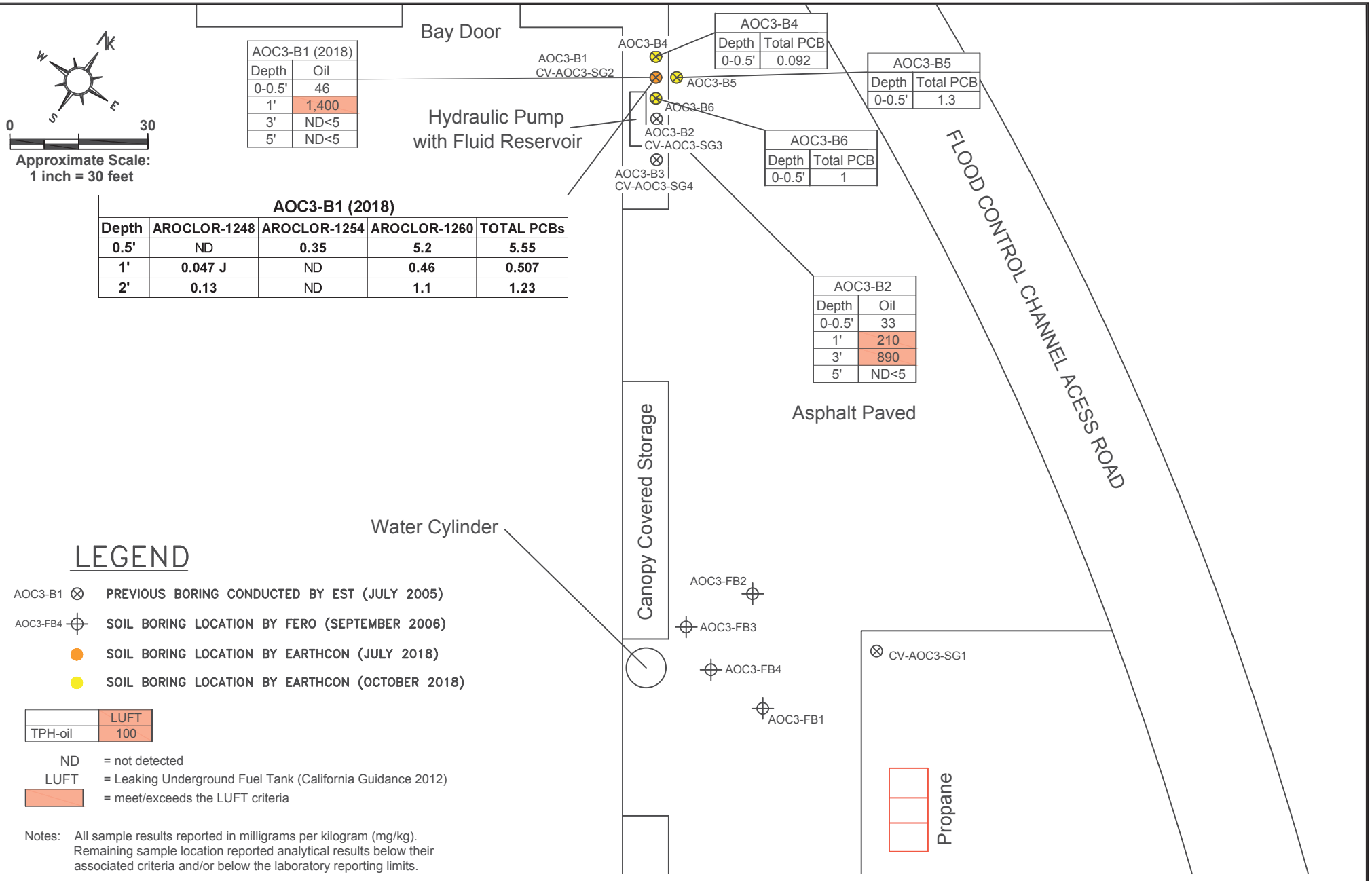
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1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 2 - CHIP BIN AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3B

FILENAME: S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3BDJ.dwg (3B (ADC 2)) 10/18/19 10:44 - kgyawali

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AOC3-B1 (2018)

Depth	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	TOTAL PCBs
0.5'	ND	**0.35**	**5.2**	**5.55**
1'	**0.047 J**	ND	**0.46**	**0.507**
2'	**0.13**	ND	**1.1**	**1.23**

LEGEND

AOC3-B1 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

AOC3-FB4 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)

● SOIL BORING LOCATION BY EARTHCON (JULY 2018)

● SOIL BORING LOCATION BY EARTHCON (OCTOBER 2018)

	LUFT
TPH-oil	100

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

CLOW VALVE

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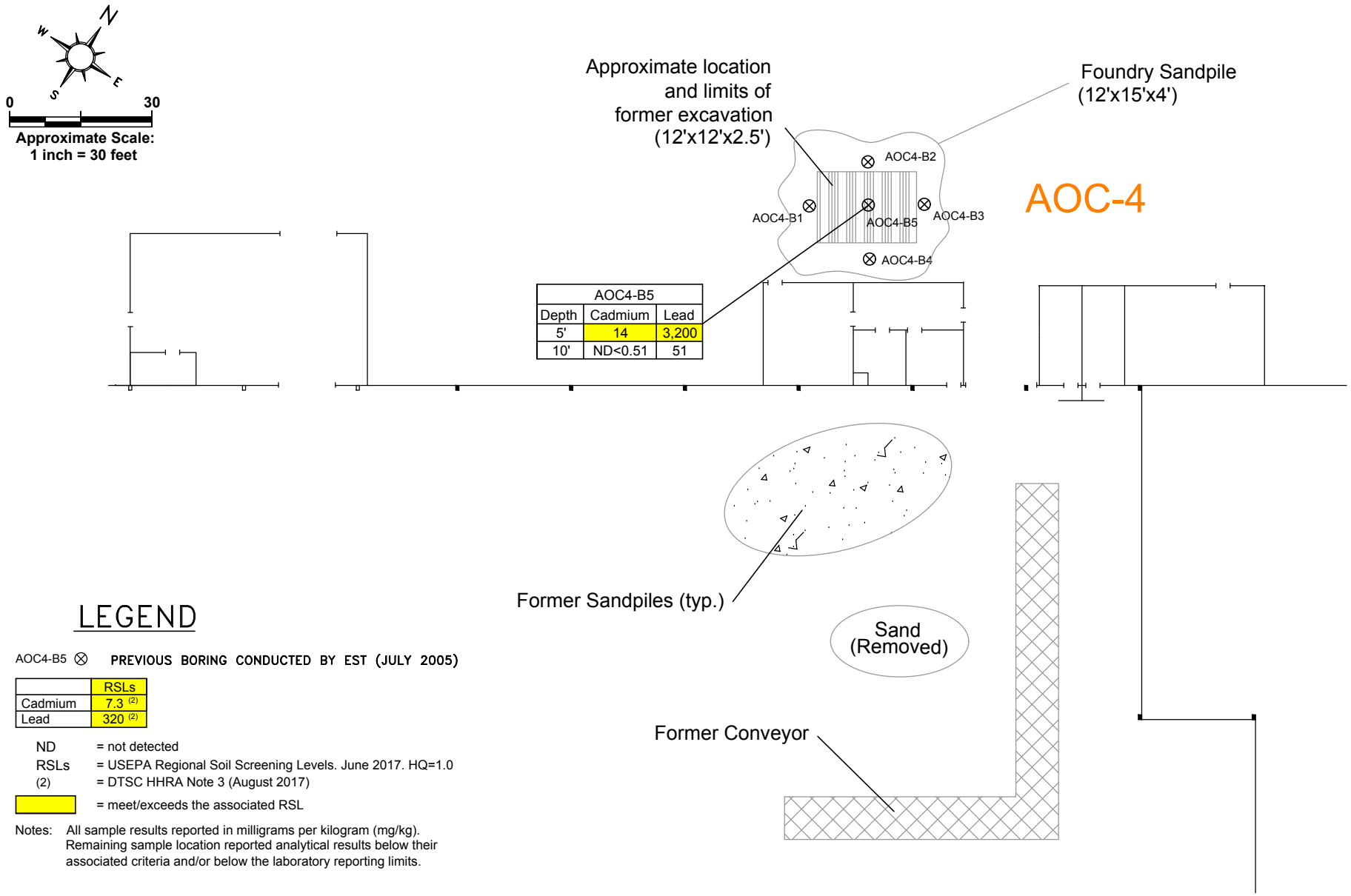
1500 SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 3 - WATER PRESSURE TEST AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KNB	JB	03/05/2019	3C

FILENAME:S:\Common\OrangeCAD\Projects\04.20150013.00-Clow Valve\SP 03-26-18_F3C_3E_3F AND 3H_3I__PCB SAMPLING_08-23-2018.dwg (3C (AOC 3)) 03/05/19 13:57 - kbarfield

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LEGEND

AOC4-B5 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

	RSLs
Cadmium	7.3 (2)
Lead	320 (2)

ND = not detected
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

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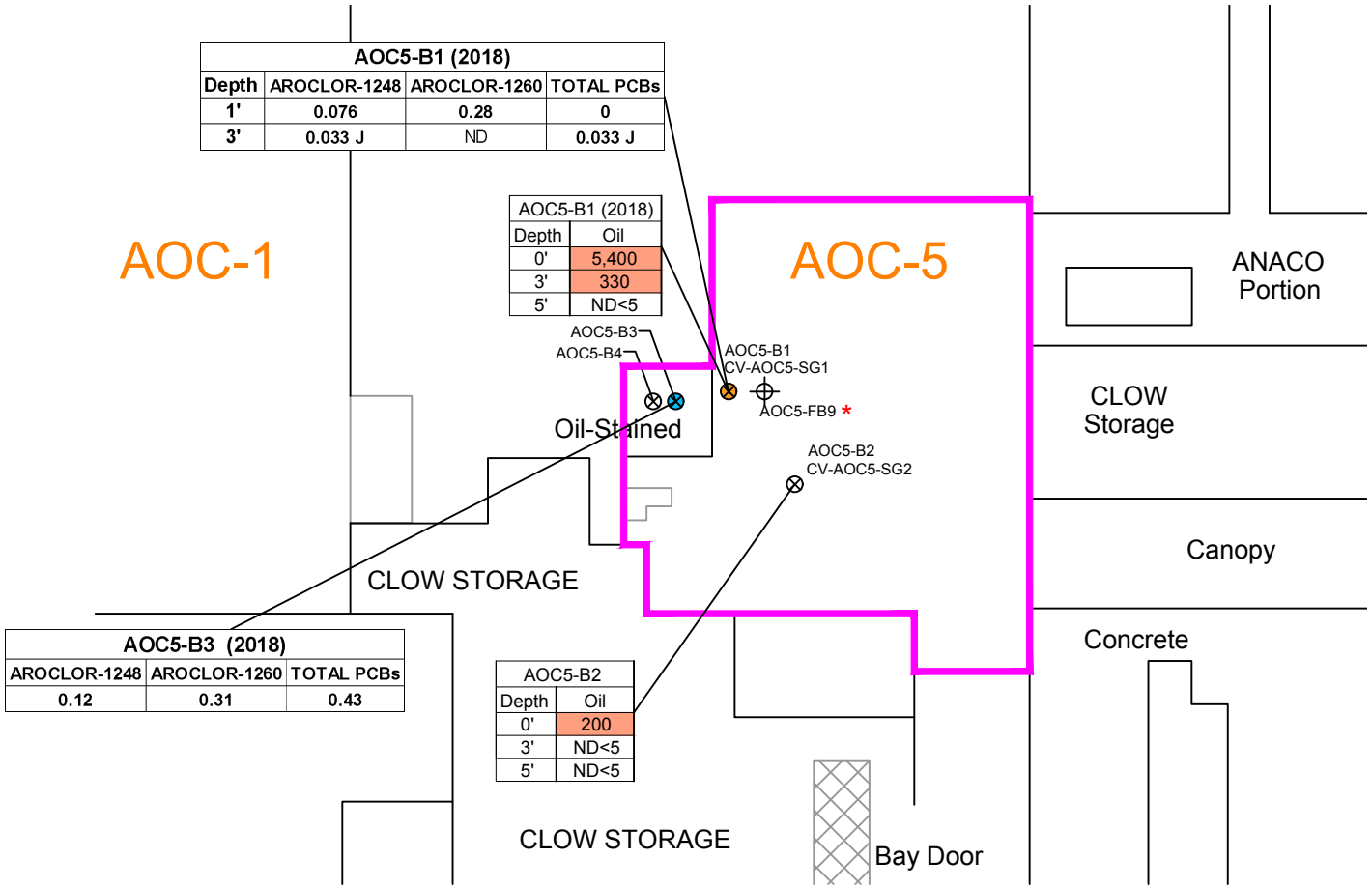
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AOC 4 - FORMER IRON
FOUNDRY SAND CLEANUP AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3D

FILENAME: S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3BDJ.dwg (3D (AOC 4)) 10/18/19 10:44 - kgyawali

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LEGEND

AOC5-FB9 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

AOC5-B2 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)

● SOIL BORING LOCATION BY EARTHCON (JULY 2018)

● CONCRETE SAMPLE LOCATION BY EARTHCON (JULY 2018)

* ORIGINALLY IDENTIFIED AS AOC1-FB9

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

= Proposed Area of Capping at AOC- 5 (Primarily Unpaved)

	LUFT
TPH-oil	100

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

N W E S

0 30

Approximate Scale:
1 inch = 30 feet

CLOW VALVE

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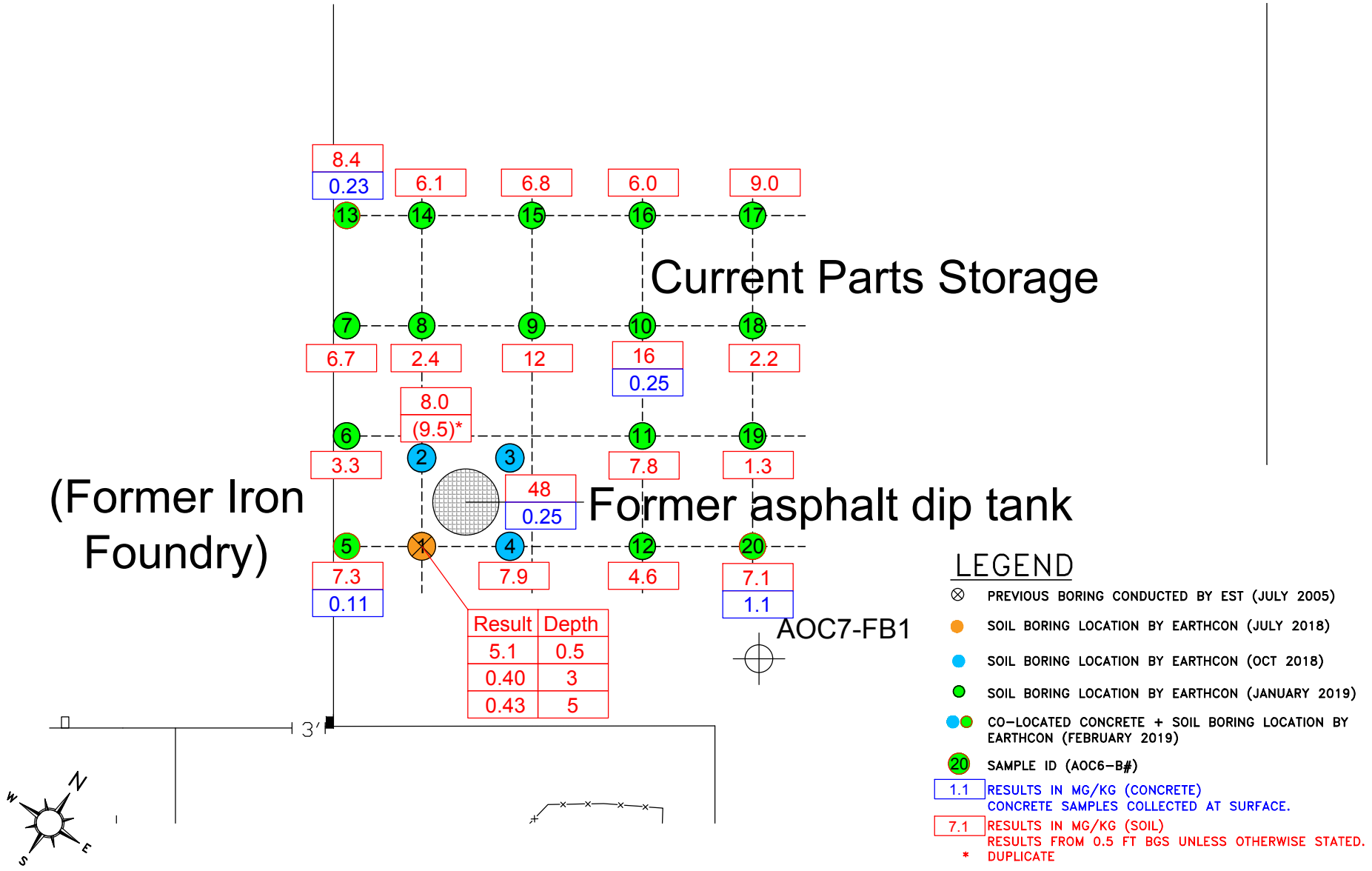
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 5 - OIL STAINED PAD AREA
PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	03/26/20	3E

FILENAME:S:\Common\DrongeCADProjects\04.20150013.00-Clow Valve\CAD2020\SP 03-26-20_F3EFHI.dwg (3E (AOC 5)) 03/26/20 09:19 - kgyawall

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PROJECT NO.04.20150013.17

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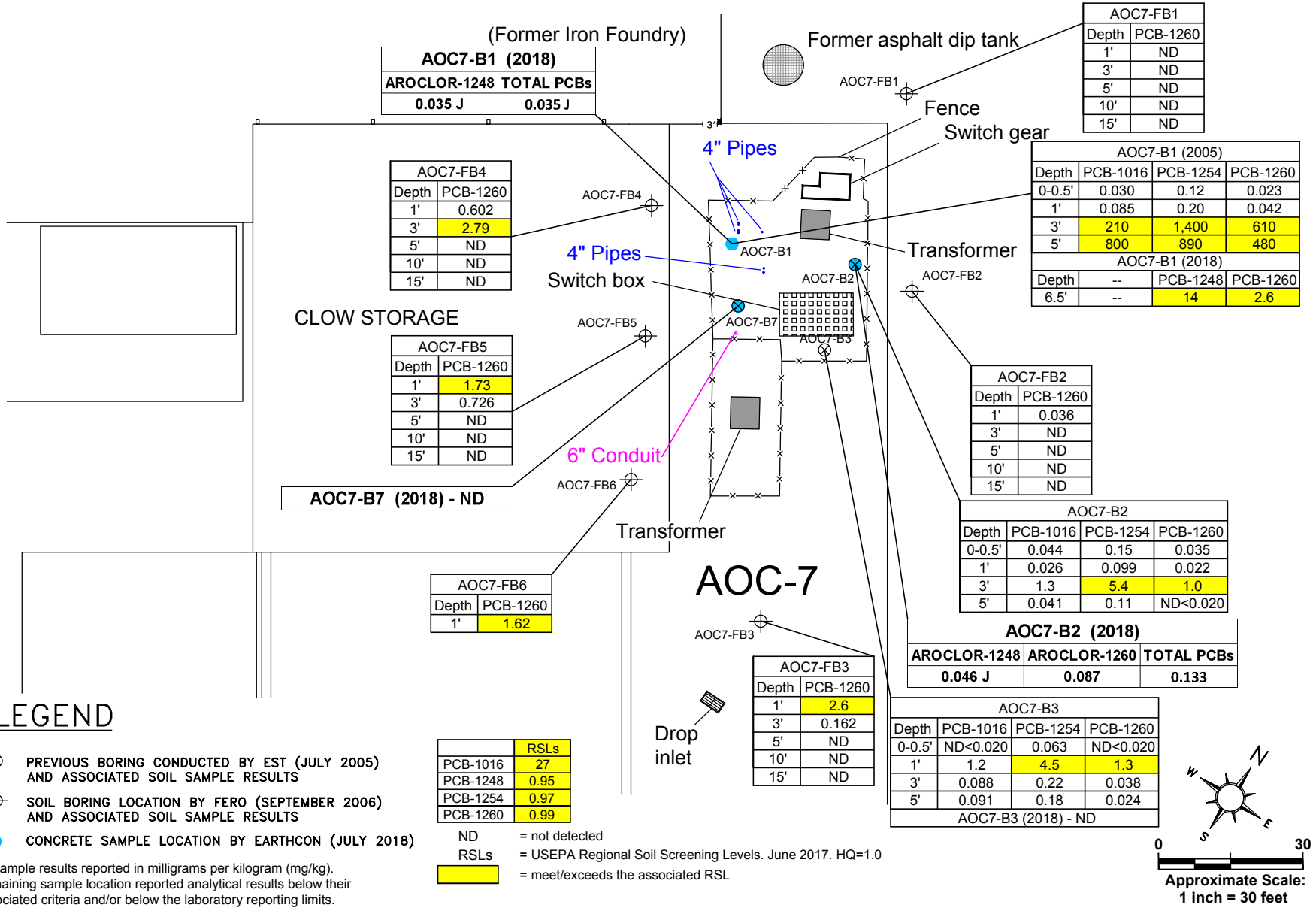
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AOC 6 - FORMER ASPHALT DIP TANK AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3F

FILENAME:S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3EFHI.dwg (3F (AOC6 NEW)) 10/18/19 14:55 - kgyawali

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AOC7-B1 (2018)	
AROCLOR-1248	TOTAL PCBs
0.035 J	0.035 J

AOC7-FB1	
Depth	PCB-1260
1'	ND
3'	ND
5'	ND
10'	ND
15'	ND

AOC7-B1 (2005)			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	0.030	0.12	0.023
1'	0.085	0.20	0.042
3'	210	1,400	610
5'	800	890	480
AOC7-B1 (2018)			
Depth	--	PCB-1248	PCB-1260
6.5'	--	14	2.6

AOC7-FB4	
Depth	PCB-1260
1'	0.602
3'	2.79
5'	ND
10'	ND
15'	ND

AOC7-FB5	
Depth	PCB-1260
1'	1.73
3'	0.726
5'	ND
10'	ND
15'	ND

AOC7-FB2	
Depth	PCB-1260
1'	0.036
3'	ND
5'	ND
10'	ND
15'	ND

AOC7-B2			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	0.044	0.15	0.035
1'	0.026	0.099	0.022
3'	1.3	5.4	1.0
5'	0.041	0.11	ND<0.020

AOC7-B2 (2018)		
AROCLOR-1248	AROCLOR-1260	TOTAL PCBs
0.046 J	0.087	0.133

AOC7-FB6	
Depth	PCB-1260
1'	1.62

AOC7-FB3	
Depth	PCB-1260
1'	2.6
3'	0.162
5'	ND
10'	ND
15'	ND

AOC7-B3			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	ND<0.020	0.063	ND<0.020
1'	1.2	4.5	1.3
3'	0.088	0.22	0.038
5'	0.091	0.18	0.024
AOC7-B3 (2018) - ND			

LEGEND

AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005) AND ASSOCIATED SOIL SAMPLE RESULTS

AOC7-FB6 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006) AND ASSOCIATED SOIL SAMPLE RESULTS

● CONCRETE SAMPLE LOCATION BY EARTHCON (JULY 2018)

	RSLs
PCB-1016	27
PCB-1248	0.95
PCB-1254	0.97
PCB-1260	0.99

ND = not detected

RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0

= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

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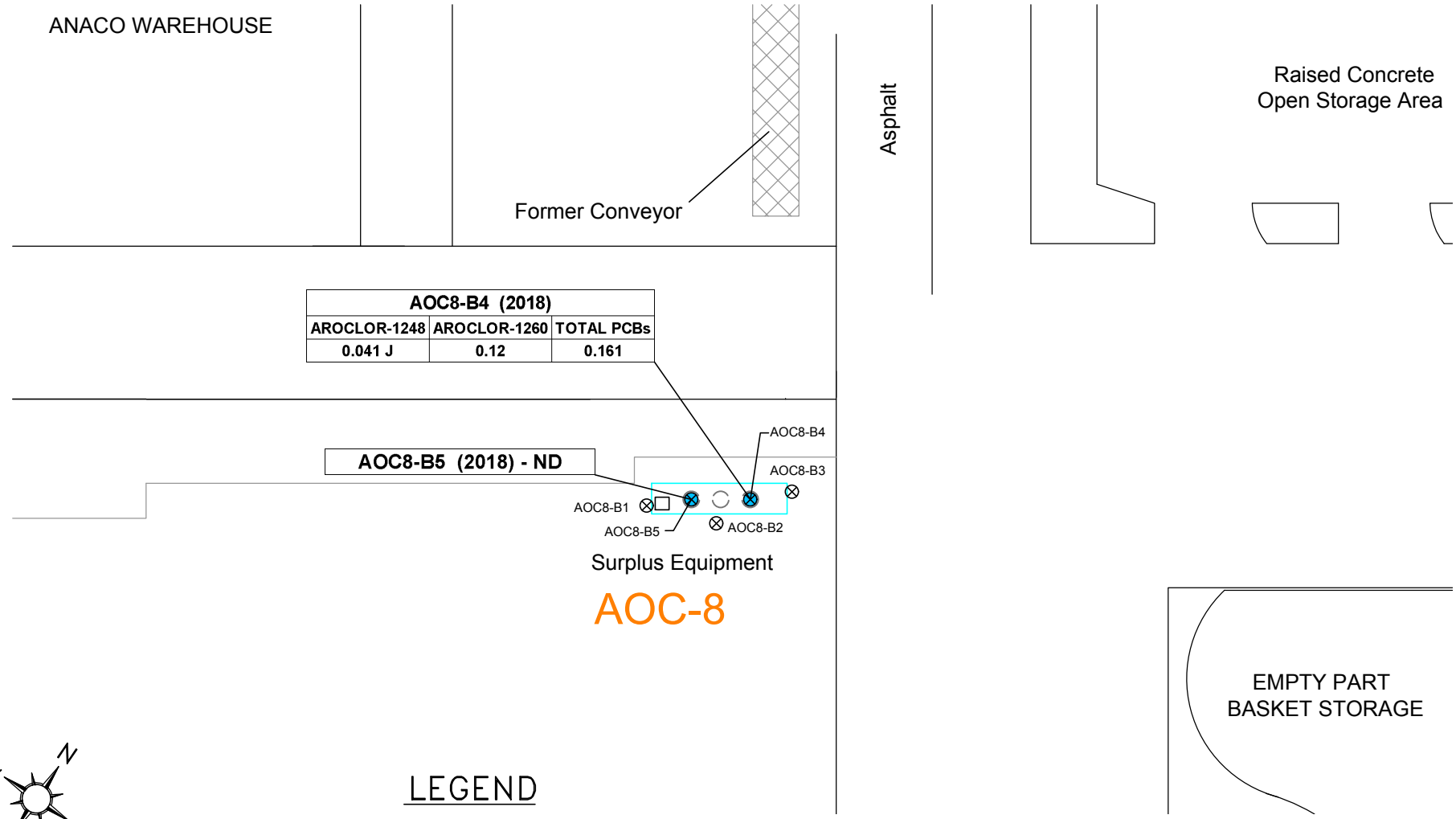
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 7 - TRANSFORMER AREA 1

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3G

FILENAME: S:\Common\Dropne\CADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19-3G.dwg (ADC7 3G) 10/18/19 10:29 - kgvowell

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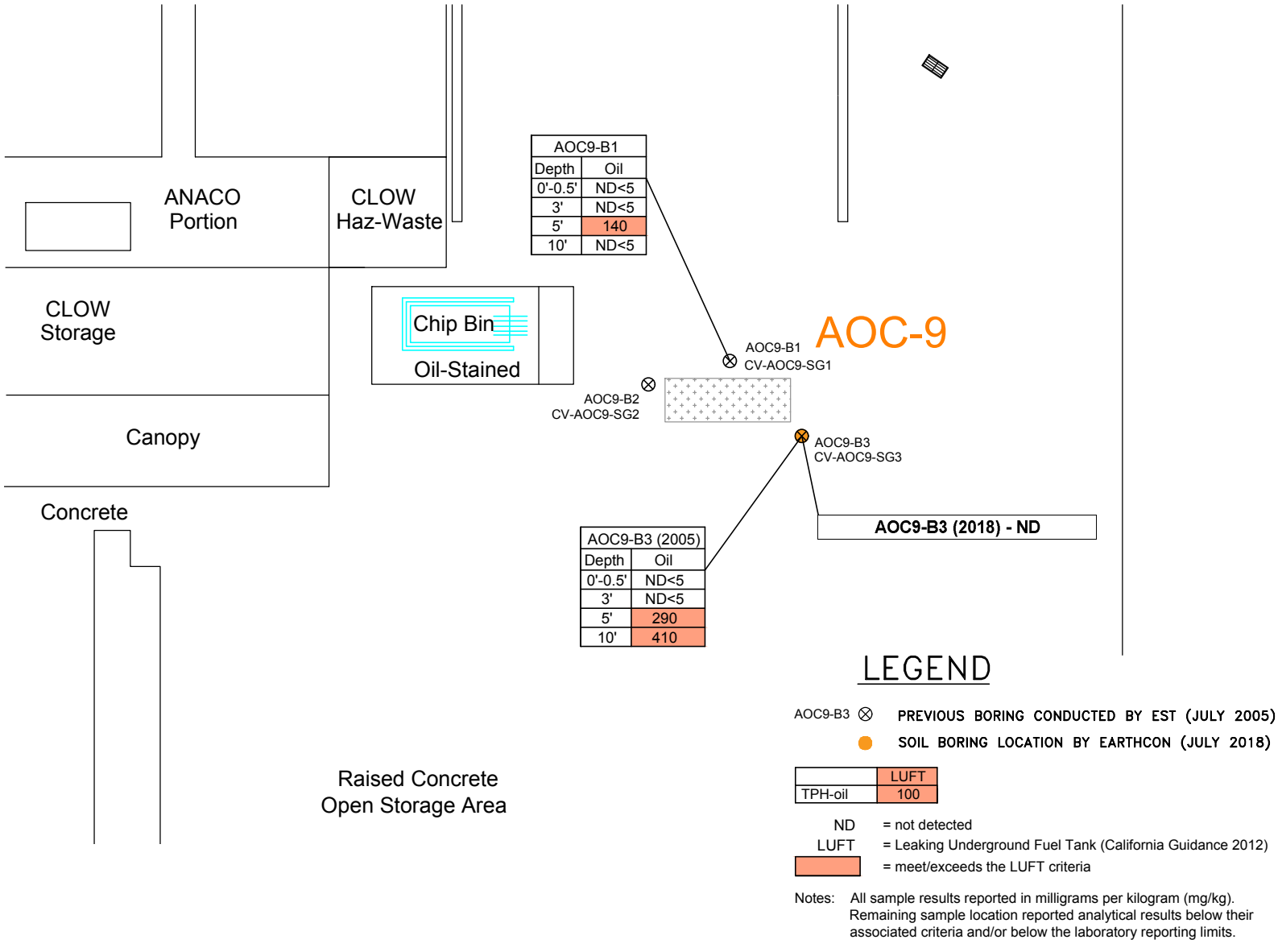
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AOC 8 - TRANSFORMER AREA 2
PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3H

FILENAME:S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3EFHI.dwg (3H (ADC8)) 10/21/19 13:24 - kgyawali

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AOC 9 - FORMER TEST POND PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3I

FILENAME:S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3EFHI.dwg (3I (AOC9)) 10/18/19 10:47 - kgyawall

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SW2			
Depth	Arsenic	Cadmium	Lead
1'	6.28	43.9	7,360
3'	24.6	ND	5.25
5'	10.0	ND	4.16

CV-BG3	
Depth	Lead
1'	360
3'	130
5'	3.6
10'	3.3
15'	4.9
20'	3.2
25'	6.6

SW1		
Depth	Arsenic	Lead
1'	3.37	828
3'	17.2	2.41
5'	6.28	2.23

SW3		
Depth	Cadmium	Lead
1'	25	4,650
3'	ND	74.1
5'	ND	253

SW4	
Depth	Lead
1'	209
3'	185
5'	352

SW5	
Depth	Lead
1'	218
3'	533
5'	1.98

SW6	
Depth	Lead
1'	239
3'	182
5'	897

CV-BG4	
Depth	Diesel
1'	ND<5
3'	ND<5
5'	ND<5
10'	ND<5
15'	110
20'	ND<5

SW21	
Depth	Arsenic
1'	52.9
3'	1.68
5'	2.11

CV-BG2	
Depth	Hex Cr
1'	ND<0.5
3'	4.2
5'	3.3
10'	ND<0.5
15'	ND<0.5
20'	6.6

LEGEND

- CV-BG4 — BACKGROUND SOIL BORING BY EST (JULY 2005)
- AOC7-B3 — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- SW9 — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC1-FB1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)

	LUFT	RSLs
TPH-diesel	100	--
Arsenic	--	12 (1)
Cadmium	--	7.3 (2)
Hex Cr	--	6.3
Lead	--	320 (2)

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(1) = General California Background Concentration (DTSC, January 2009)
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

STORM CHANNEL 85' WIDE

EL CAMINO AVE.

Former Excavation

Building #2B

Former Sandpiles (typ.)

CLOW VALVE BLDG

ANACO PRODUCTION PLANT
Building #2A

CANOPY

VALVE TEST AREA

Surplus Equipment

Former-Subgrade Conveyor (typ.)

Gasket Storage

CLOW Storage

ANACO

Waste

Storage

ANACO WAREHOUSE
Building #3

CLOW BLDG

SCALE

Surplus Equipment

SHIPPING DOCK

CORP. OFFICES
Building #1

PRODUCT STORAGE

PacStates Storage Yard

CAR PORT

ANACO BLDG

GATE

MAGNOLIA AVE

SW1 SW2 SW3 SW4 SW5 SW6 SW7 SW8 SW9 SW10 SW11 SW12 SW13 SW14 SW15 SW16 SW17 SW18 SW19 SW20 SW21

CV-BG1 CV-BG2 CV-BG3 CV-BG4

0 120

Approximate Scale: 1 inch = 120 feet

CLOW VALVE
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CORONA, CA 92879

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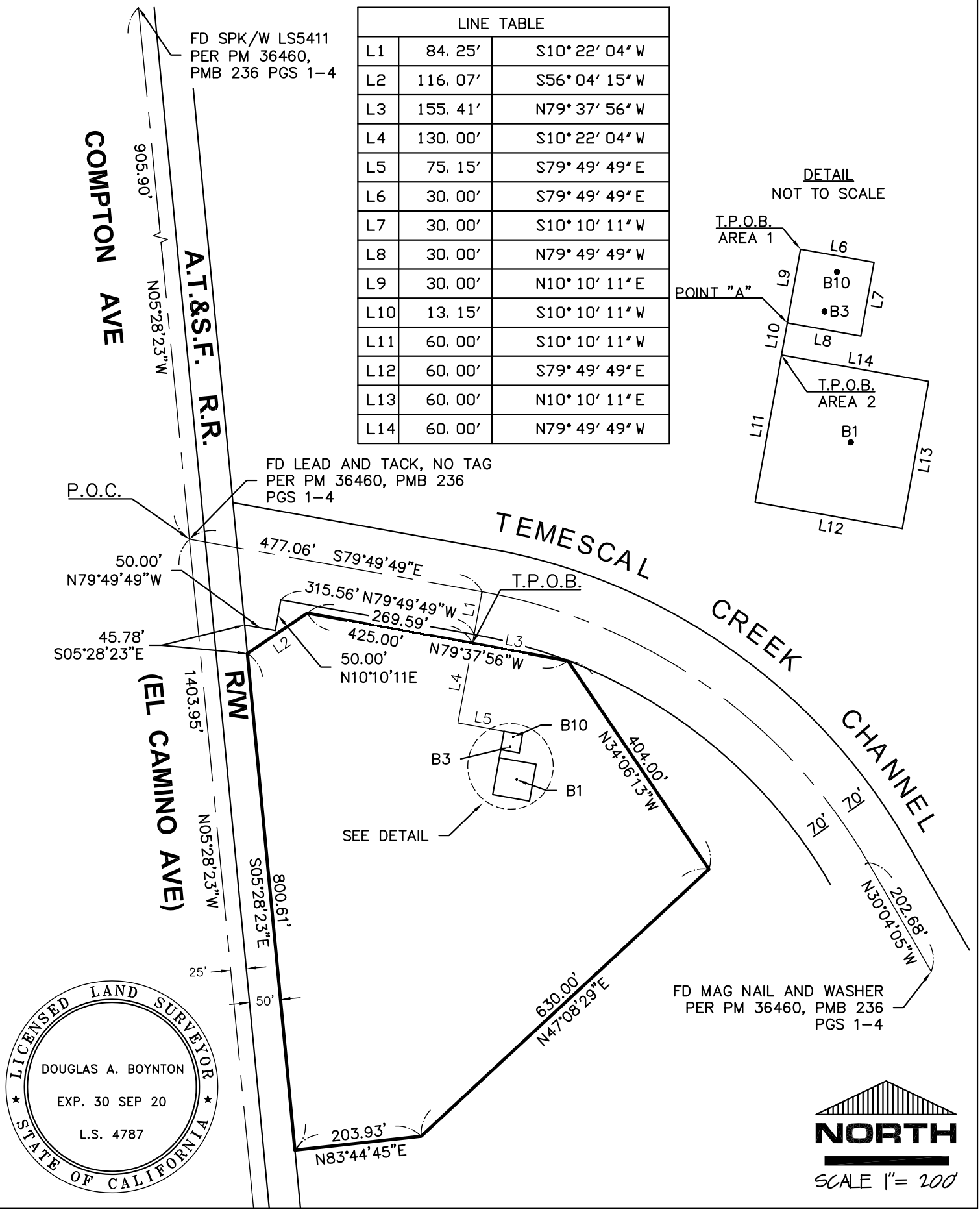
BACKGROUND AND SITEWIDE SOIL BORINGS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3J

FILENAME: S:\Common\DrangeCAD\Projects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3BDJ.dwg (3J (ADC10)) 10/18/19 10:49 - kgyawall

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FIGURE 4



LINE TABLE		
L1	84. 25'	S10° 22' 04" W
L2	116. 07'	S56° 04' 15" W
L3	155. 41'	N79° 37' 56" W
L4	130. 00'	S10° 22' 04" W
L5	75. 15'	S79° 49' 49" E
L6	30. 00'	S79° 49' 49" E
L7	30. 00'	S10° 10' 11" W
L8	30. 00'	N79° 49' 49" W
L9	30. 00'	N10° 10' 11" E
L10	13. 15'	S10° 10' 11" W
L11	60. 00'	S10° 10' 11" W
L12	60. 00'	S79° 49' 49" E
L13	60. 00'	N10° 10' 11" E
L14	60. 00'	N79° 49' 49" W

CITY OF CORONA
PRECISE GRADING PLAN
1375 MAGNOLIA AVENUE

GRADING GENERAL NOTES

1. A GRADING PERMIT FROM THE PUBLIC WORKS DEPARTMENT IS REQUIRED. ALL GRADING SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF CORONA GRADING REGULATIONS– CORONA MUNICIPAL CODE 15.36. THESE PLANS, SPECIAL INSTRUCTIONS ON THE PERMIT, AND THE GEOTECHNICAL INVESTIGATION AND LIQUEFACTION EVALUATION DATED SEPTEMBER 10, 2019 BY GEOTECHNICAL PROFESSIONALS INC., AND ALL SUBSEQUENT ADDENDA.
2. SOURCE OF TOPOGRAPHY IS BASED ON FIELD SURVEY DATED SEPTEMBER 23, 2018.
3. A PRE–GRADING MEETING AT THE SITE IS REQUIRED BETWEEN THE CITY INSPECTOR, THE CIVIL ENGINEER, THE GEOTECHNICAL ENGINEER AND THE GRADING CONTRACTOR. CALL THE PUBLIC WORKS DEPARTMENT INSPECTION DIVISION AT (951) 279–3511 TO SCHEDULE A PRE–GRADING MEETING AT LEAST 48 HOURS PRIOR TO START OF ANY WORK.
4. HOURS OF OPERATION ARE 7:00 A.M. TO 5:00 P.M. – MONDAY THROUGH FRIDAY EXCLUDING HOLIDAYS.
5. SEPARATE PERMITS SHALL BE REQUIRED FOR ANY IMPROVEMENT WORK IN THE PUBLIC RIGHT–OF–WAY.
6. CONSTRUCTION MATERIAL AND EQUIPMENT SHALL NOT OCCUPY ANY PORTION OF THE PUBLIC RIGHT–OF–WAY, SUCH AS STREET, ALLEY OR PUBLIC SIDEWALK AT ANY TIME. TEMPORARY USE OF PUBLIC RIGHT–OF–WAY, WHENEVER REQUESTED, MUST BE REVIEWED AND APPROVED BY THE PUBLIC WORKS DIRECTOR.
7. REPAIR OR REPLACE ALL EXISTING DAMAGED OR ALTERED PUBLIC IMPROVEMENTS AS REQUIRED BY THE PUBLIC WORKS DIRECTOR.
8. ALL SURVEY MONUMENTS SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A QUALIFIED CIVIL ENGINEER OR A LICENSED LAND SURVEYOR.
9. PRIOR TO TAKING WATER FROM A CITY FIRE HYDRANT, THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE PUBLIC WORKS DEPARTMENT TO OBTAIN A FIRE HYDRANT WATER METER. METER LOCATION MAY NOT BE ALTERED WITHOUT DEPARTMENT OF WATER AND POWER APPROVAL.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES OR STRUCTURES ABOVE OR BELOW GROUND, SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGE TO ANY UTILITIES OR STRUCTURES CAUSED BY HIS OPERATION.
11. STRICT ADHERENCE TO DUST CONTROL REQUIREMENTS SHALL BE ENFORCED. ADJACENT STREETS ARE TO BE CLEANED DAILY OF ALL DIRT AND DEBRIS RESULTING FROM THIS OPERATION.
12. SEPARATE PERMITS FROM THE BUILDING DIVISION SHALL BE REQUIRED FOR ALL WALLS.
13. AN APPROVED PRECISE GRADING PLAN WILL BE REQUIRED PRIOR TO A BUILDING PERMIT BEING ISSUED.
14. THE DESIGN CIVIL ENGINEER/GEOTECHNICAL ENGINEER/ENGINEERING GEOLOGIST OF RECORD SHALL EXERCISE SUFFICIENT CONTROL DURING GRADING AND CONSTRUCTION TO ENSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE REQUIREMENTS WITHIN THEIR PURVIEW. THE ENGINEERS SHALL SUBMIT "ACKNOWLEDGMENT CONCERNING EMPLOYMENT" FORM TO THE CITY PRIOR TO THE ISSUANCE OF A GRADING PERMIT.
15. REVISIONS TO THE PLANS ARE TO BE SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR REVIEW AND APPROVAL PRIOR TO CHANGING ORIGINAL MYLARS.
16. THE CIVIL ENGINEER SHALL SUBMIT WRITTEN CERTIFICATION OF COMPLETION OF ROUGH GRADING IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND CERTIFICATION OF BUILDING PAD ELEVATION PRIOR TO ISSUANCE OF THE BUILDING PERMIT. PAD ELEVATION GRADING TOLERANCE SHALL NOT EXCEED ±0.10'.
17. AN "AS–BUILT" GRADING PLAN SHALL BE SUBMITTED AT THE COMPLETION OF WORK SHOWING ALL WATER QUALITY MANAGEMENT PLAN FACILITIES.
18. GRADING SHALL BE PERFORMED UNDER THE SUPERVISION OF THE GEOTECHNICAL ENGINEER WHO SHALL CERTIFY THAT ALL FILL HAS BEEN PROPERLY PLACED AND SUBMIT A FINAL COMPACTION REPORT FOR ALL FILLS OVER 1' DEEP.
19. THE GEOTECHNICAL ENGINEER SHALL, AFTER CLEARING AND PRIOR TO THE PLACEMENT OF FILL IN CANYONS, INSPECT EACH CANYON FOR AREAS OF ADVERSE STABILITY AND TO DETERMINE THE PRESENCE OR ABSENCE OF SUBSURFACE WATER OR SPRING FLOW. IF NEEDED, DRAINS WILL BE DESIGNED AND CONSTRUCTED PRIOR TO THE PLACEMENT OF FILL IN EACH RESPECTIVE CANYON.
20. FILL AREAS SHALL BE CLEANED OF ALL VEGETATION AND DEBRIS, SCARIFIED TO A MINIMUM DEPTH OF 12 INCHES AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACING OF FILL.
21. ALL DELETERIOUS MATERIALS, I.E., LUMBER, LOGS, BRUSH, OR ANY OTHER ORGANIC MATERIALS OR RUBBISH SHALL BE REMOVED FROM ALL AREAS TO RECEIVE COMPACTED FILL.
22. UNSUITABLE MATERIALS, SUCH AS TOPSOIL, WEATHERED BEDROCK, ETC., SHALL BE REMOVED AS REQUIRED BY GEOTECHNICAL ENGINEER (AND ENGINEERING GEOLOGIST, WHERE EMPLOYED) FROM ALL AREAS TO RECEIVE COMPACTED FILL OR DRAINAGE STRUCTURES.
23. FILLS SHALL BE BENCHED INTO COMPETENT MATERIAL.
24. WHEN CUT PADS ARE BROUGHT TO NEAR GRADE, THE GEOTECHNICAL ENGINEER SHALL DETERMINE IF THE BEDROCK IS EXTENSIVELY FRACTURED OR FAULTED AND WILL READILY TRANSMIT WATER. IF CONSIDERED NECESSARY BY THE GEOTECHNICAL ENGINEER, A COMPACTED FILL BLANKET WILL BE PLACED.
25. WHERE SUPPORT OR BUTTRESSING OF CUT AND NATURAL SLOPES IS DETERMINED TO BE NECESSARY BY THE GEOTECHNICAL ENGINEER, THE GEOTECHNICAL ENGINEER SHALL SUBMIT DESIGN, LOCATIONS AND CALCULATIONS TO THE PUBLIC WORKS DIRECTOR PRIOR TO CONSTRUCTION. THE GEOTECHNICAL ENGINEER WILL INSPECT AND CONTROL THE CONSTRUCTION OF THE BUTTRESSING AND CERTIFY TO THE STABILITY OF THE SLOPE AND ADJACENT STRUCTURES UPON COMPLETION.
26. ALL CUT SLOPES SHALL BE INVESTIGATED, BOTH DURING AND AFTER GRADING BY THE GEOTECHNICAL ENGINEER, TO DETERMINE IF ANY SLOPE HAS STABILITY PROBLEMS. SHOULD EXCAVATION DISCLOSE ANY GEOLOGICAL HAZARDS, THE GEOTECHNICAL ENGINEER SHALL RECOMMEND NECESSARY TREATMENT TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL. ALL APPROVALS TO BE GRANTED ON THE BASIS OF DETAILED GEOLOGICAL MAPPING AND WRITTEN RECOMMENDATION FROM THE GEOTECHNICAL ENGINEER.
27. MAXIMUM ALLOWABLE CUT AND FILL SLOPES ARE 2 TO 1 OR 30' IN HEIGHT WITHOUT APPROVAL OF THE PUBLIC WORKS DIRECTOR. IF PROPOSED CUT AND FILL SLOPES ARE STEEPER THAN 2:1 OR OVER 30' IN HEIGHT, STABILITY CALCULATIONS WITH A SAFETY FACTOR OF AT LEAST ONE AND FIVE TENTHS (1.5) SHALL BE SUBMITTED BY A GEOTECHNICAL ENGINEER FOR APPROVAL FROM THE PUBLIC WORKS DIRECTOR.
28. PROVIDE 4' WIDE BY 1' HIGH BERM OR EQUIVALENT ALONG THE TOP OF ALL FILL SLOPES OVER 5' HIGH, EXCEPT WHERE SHOWN OTHERWISE ON THE PLANS.
29. ALL SLOPES ADJACENT TO PUBLIC RIGHT–OF–WAY SHALL CONFORM TO SECTION 15.36.220 OF THE CORONA MUNICIPAL CODE.
30. ALL SLOPES 4' OR HIGHER SHALL BE PLANTED AND COMPLY WITH REQUIREMENTS OF CHAPTER 17 OF THE CORONA MUNICIPAL CODE.
31. TERRACE DRAINS, INTERCEPTOR DRAINS AND DOWN DRAINS SHALL BE CONSTRUCTED OF 4" P.C.C. (OR GUNITE) REINFORCED WITH 6"x6" –2 1.4x1.4 W.W.M. REBAR SHALL BE GRADE 60 BILLET STEEL CONFORMING TO ASTM A615.
32. ALL CONCRETE STRUCTURES THAT COME IN CONTACT WITH THE ON–SITE SOILS SHALL BE CONSTRUCTED WITH TYPE II OR V CEMENT AS DEEMED NECESSARY BY SOLUBLE SULFATE CONTENT TEST CONDUCTED BY THE GEOTECHNICAL ENGINEER. ALL CONCRETE SHALL BE CITY STANDARD 560–C–3250 (600–E 3250 FOR GUNITE) PER CITY STANDARD SPECIFICATIONS.
33. GROUND SHALL BE PRE–WETTED PRIOR TO THE PLACEMENT OF CONCRETE. MOISTURE LOSS RETARDANT SHALL BE USED WHEN REQUIRED BY THE GEOTECHNICAL ENGINEER OR PUBLIC WORKS DIRECTOR.
34. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND/OR OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL.

POST CONSTRUCTION BMP GENERAL NOTES:

1. THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMPS) FOR POST CONSTRUCTION STORM WATER TREATMENT.
2. CONSTRUCT THE STORM WATER TREATMENT FACILITIES AFTER ALL CONTRIBUTING DRAINAGE AREAS ARE STABILIZED AND TO THE SATISFACTION OF THE ENGINEER OF RECORD.
3. DO NOT USE THE DEVICES AS TEMPORARY SEDIMENT CONTROL FACILITIES DURING CONSTRUCTION.
4. THE FOLLOWING BMPS HAVE BEEN DESIGNED INTO THE PLANS. PLEASE REFER TO THE PROJECT'S APPROVED WATER QUALITY MANAGEMENT PLAN (WQMP) FOR ADDITIONAL BMP's AND OPERATION AND MAINTENANCE DETAILS:

   A. BIORETENTION FACILITY AND OR ON–SITE RETENTION

NOTE:

1. A SEWER BACKFLOW PREVENTOR IS NOT REQUIRED FOR THIS PROJECT
2. WATER PRESSURE REDUCING VALVES ARE REQUIRED FOR THIS PROJECT

NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES, SHOWN OR NOT SHOWN ON THESE PLANS

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION ON THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS OR PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY, THE OWNER, AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA) PH. 811, TWO (2) WORKING DAYS PRIOR TO DIGGING. NO CONSTRUCTION PERMIT ISSUED BY THE PUBLIC WORKS DEPARTMENT SHALL BE VALID INVOLVING UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS AN INQUIRY IDENTIFICATION NUMBER ISSUED BY U.S.A.

CARE SHOULD BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITES, THE PUBLIC WORKS DIRECTOR MAY REQUIRE TEMPORARY GUNITE SWALES, ENTERING OR LEAVING IMPROVEMENTS.

DECLARATION OF ENGINEER OF RECORD

I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS SHOWN ON THESE PLANS COMPLIES WITH ALL PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER OF RECORD FOR THE PLANS, I ASSUME FULL RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS. WITH RESPECT TO THE PLAN CHECK PERFORMED BY THE CITY OF CORONA, I UNDERSTAND AND ACKNOWLEDGE THE FOLLOWING: (1) THE PLAN CHECK IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THE PLANS COMPLY WITH THE CITY'S STANDARDS, PROCEDURES, POLICIES, AND ORDINANCES, (2) THE PLAN CHECK IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS, AND (3) THE PLAN CHECK DOES NOT RELIEVE ME OF MY LEGAL AND PROFESSIONAL RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS. AS THE ENGINEER OF RECORD, I AGREE TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE CITY, ITS ELECTED OFFICIALS, EMPLOYEES, AND AGENTS FROM ANY AND ALL ACTUAL OR ALLEGED CLAIMS, DEMANDS, CAUSES OF ACTION, LIABILITY, LOSS, DAMAGE, OR INJURY TO PROPERTY OR PERSONS, INCLUDING WRONGFUL DEATH, WHETHER IMPOSED BY A COURT OF LAW OR BY ADMINISTRATIVE ACTION OF ANY FEDERAL, STATE, OR LOCAL GOVERNMENTAL AGENCY, ARISING OUT OF OR INCIDENT TO ANY NEGLIGENT ACTS, OMISSIONS, OR ERRORS BY THE ENGINEER OF RECORD, ITS EMPLOYEES, CONSULTANTS, OR AGENTS.

WILLIAM D. BROOKS, RCE 53114 — EXPIRES 6/30/21 — 3/8/2021 DATE

ENGINEER OF RECORD

GEOTECHNICAL ENGINEER'S STATEMENT

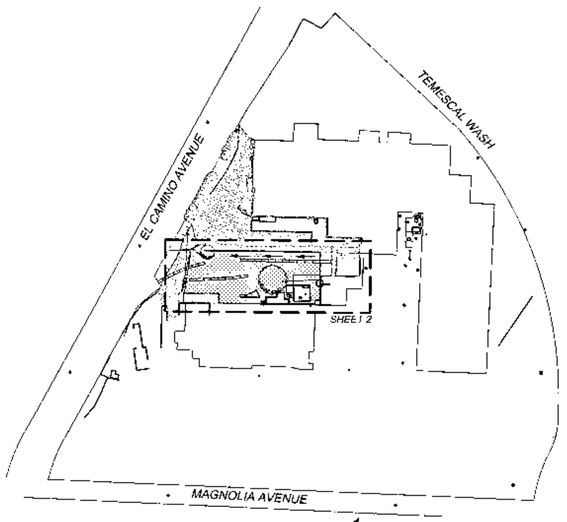
THIS PLAN HAS BEEN REVIEWED BY GEOTECHNICAL PROFESSIONALS INC. AND APPEARS TO BE IN GENERAL CONFORMANCE WITH RECOMMENDATIONS IN OUR REPORT DATED SEPTEMBER 10, 2019–PROJECT NO. 2945.1. THIS PLAN HAS BEEN REVIEWED FOR GEOTECHNICAL ASPECTS ONLY. WE MAKE NO REPRESENTATION REGARDING ACCURACY OF DIMENSIONS, QUANTITIES, MEASUREMENTS, CALCULATIONS, OR ANY PORTION OF THE DESIGN. GEOTECHNICAL CONDITIONS AND RECOMMENDATIONS SHOULD BE CONFIRMED BY THE GEOTECHNICAL CONSULTANT IN THE FIELD AT TIME OF CONSTRUCTION.

9-30-22

PAUL SCHADE — GE#2371 — EXP.
GEOTECHNICAL ENGINEER

ENGINEERING GEOLOGIST — CEG# — EXP.

REGISTERED PROFESSIONAL ENGINEER PAUL R. SCHADE No. 2371 GEOTECHNICAL STATE OF CALIFORNIA 3-9-21



INDEX MAP

150 0 150 300 450

SCALE 1" = 150'

DEMOLITION NOTES

		QTY	UNIT
(1)	REMOVE EXIST. RAIL SPUR	355	L.F.
(2)	REMOVE EXIST. CONCRETE PAD (6"± THICKNESS)	665	S.F.
(3)	REMOVE EXIST. AC PAVEMENTS (3"±)	1,075	S.F.
(4)	PROTECT IN PLACE EXIST. APPURTENANCE (AS LISTED)	–	–
(5)	REMOVE EXIST. TREE (DIA. PER PLAN)	4	EA.

CONSTRUCTION NOTES

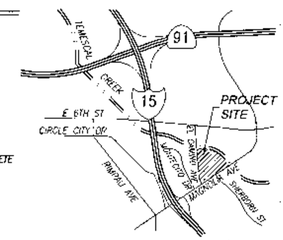
		QTY	UNIT
(10)	CONSTRUCT 3.5" AC PAVEMENT OVER 12" COMPACTED (90% RC) NATIVE MATERIAL	28,410	S.F.
(11)	PROTECT IN PLACE	–	–
(12)	INSTALL 6" AC BERM PER C.O.C. STD. DWG 140	375	L.F.

LEGEND

- EXIST. PCC PAVING
- EXIST. AC PAVING
- EXIST. LANDSCAPING
- PROP. PCC PAVING
- EXIST. BUILDING
- (XX.XX) / FS — EXIST. SPOT ELEVATION
- XX.XX / FS — PROP. SPOT ELEVATION
- x — EXIST. FENCE
- EXIST. TREES
- WALL/RET. WALL
- 1200 — PROP. CONTOUR
- X.XX% — PROP. RATE OF GRADE
- FLOWLINE

ABBREVIATIONS

AC	ASPHALT CONCRETE
C.O.C.	CITY OF CORONA
CONC	CONCRETE
DIA.	DIAMETER
EXIST.	EXISTING
FG	FINISH GRADE
FL OR ℄	FLOWLINE
FS	FINISH SURFACE
L.F.	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
NO.	NUMBER
PCC	PORTLAND CEMENT CONCRETE
P.I.P.	PROJECT–IN–PLACE
PROP.	PROPOSED
STD.	STANDARD
TYP.	TYPICAL
TW	TOP OF WALL



VICINITY MAP
NTS

BENCHMARK–CITY OF CORONA

VERTICAL DATUM NAVD88

COUNTY OF RIVERSIDE BM #601–34–69, A 2 1/2" BRASS DISK STAMPED "RIV. CO. B.M. 601–34–69 RESET 1975" SET IN TOP OF CONCRETE POST FLUSH WITH GROUND, LOCATED WWI W ALONG THE A.T.&S.F. RAILROAD LINE FROM WAY, RIV. CO., +/–48'S OF RAILROAD, +/–32' SE OF TELEGRAPH POLE #1 SSOM, +/–14' W OF THE CL PROLONGATION OF TEMESCAL ST +/–3' E OF 6' CHAIN LINK FENCE AND +/–' N OF TELEGRAPH GUY POLE WITH METER BOX

1988 ELEV=649.988 FEET NAVD88

HORIZONTAL DATUM NAD83, ZONE 6

NGS PID STATIONS AJ1887 AND AJ1896 EPOCH DATE 2000.35

ZONING DISTRICT

MIXED USE INDUSTRIAL/COMMERCIAL

LAND USE

EXISTING USE: BUSINESS PARK
PROPOSED USE: BUSINESS PARK

SERVICE PROVIDERS:

CORONA DEPT. OF PUBLIC WORKS	(951) 736–2261
CORONA DEPT. OF WATER & POWER	(951) 736–2321
SOUTHERN CALIFORNIA GAS	(909) 335–7733
SOUTHERN CALIFORNIA EDISON	(909) 930–8591
AT&T	(714) 688–5692
NEXTG NETWORKS	(909) 593–9700
TIME WARNER CABLE	(951) 547–3830
R.F. DICKSON STREET SWEEPING	(800) 841–7994
WESTERN WASTE	(951) 737–0343
CORONA DIAL–A–RIDE (SUPERVISOR)	(951) 734–1017
U.S. POSTAL SERVICE	(951) 737–0451
CORONA–NORCO UNIFIED SCHOOL DISTRICT	(951) 736–5340
SCHOOL DISTRICT TRANSPORTATION MANAGER	(951) 736–5305
RIVERSIDE TRANSIT AGENCY	(951) 684–0850
CORONA POLICE DEPARTMENT (FOR NOTIFICATION)	(951) 736–2330
CORONA FIRE DEPARTMENT (FOR NOTIFICATION)	(951) 736–2221
CROWN CASTLE ENG WEST (FIBER OPTIC)	(951) 736–2321

OWNER

CLOW VALVE COMPANY
1375 MAGNOLIA AVE.
CORONA, CA 92879
866–889–2411

ENGINEER

ARMSTRONG & BROOKS CONSULTING ENGINEERS
MAILING ADDRESS:
P.O. BOX 78088
CORONA, CA 92877–9998
OFFICE LOCATION:
1350 EAST CHASE DRIVE
CORONA, CA 92881
PH. (951) 372–8400 FAX (951) 372–8430
CONTACT: WILLIAM D. BROOKS

GEOTECHNICAL ENGINEER

GEOTECHNICAL PROFESSIONALS, INC.
5738 CORPORATE AVE.
CYPRESS, CA 90630
PH. (714) 220–2211
CONTACT: PAUL SCHADE, G.E.

ASSESSOR'S PARCEL NO.

107–030–022

LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS, ON THE WEST BY THE EASTERLY LINE OF THE PROPERTY SPUR OF THE ATCHINSON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84–227387 AND RE–RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85–028214 BOTH OF OFFICIAL RECORDS.

EARTHWORK QUANTITIES

NOTE: THE CONSTRUCTION QUANTITIES SHOWN ON THESE PLANS ARE FOR CITY FEE PURPOSES ONLY.
IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM INDIVIDUAL TAKEOFFS FOR BIDDING PURPOSES.

(PRELIMINARY QUANTITIES DO NOT INCLUDE SHRINKAGE FACTOR AND OVEREXCAVATION OVER THE SITE)

RAW CUT	582 CU. YDS.
RAW FILL	0 CU. YDS.
NET EXPORT	–582 CU. YDS.

SITE AREA

TOTAL AREA – 16.9 ACRES
DISTURBED AREA – 0.7 ACRES
TOTAL LOTS: 1
PARKING SPACES: N/A

SHEET INDEX:

TITLE SHEET 1
DEMOLITION PLAN 2
PRECISE GRADING & DRAINAGE PLAN. 3
EROSION CONTROL PLAN. 4

REGISTERED PROFESSIONAL ENGINEER WILLIAM D. BROOKS No. 53114 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

811 Know what's below. Call before you dig.

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING • ENGINEERING • SITE DEVELOPMENT
1350 EAST CHASE DRIVE • CORONA, CA 92881
MAIL: P.O. BOX 78088 CORONA, CA 92877–9998
T 951–372–8400 F 951–372–8430

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF WILLIAM D. BROOKS
Date 3/8/21 R.C.E. No. 53114

7023A, 05–138 D, 05–138P
90–113P, 97–502, 1971, C–1–116
Reference Plans for these Improvements

Date	By	REVISIONS	App'd

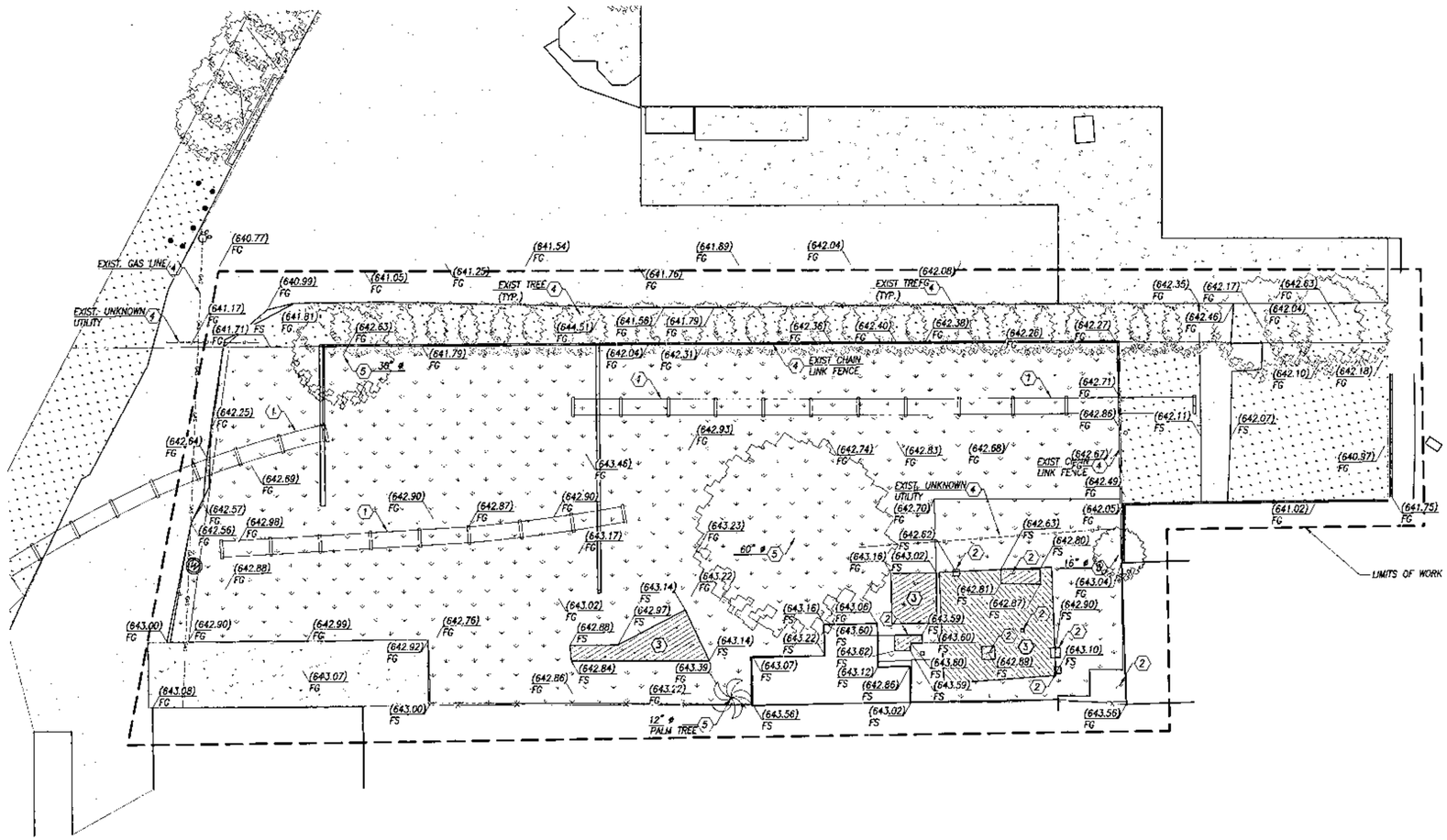
BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

Engineering JK 3/11/21
Planning LG
Fire

Approved By SAVAT KHAVP–OU City Engineer R.C.E. No 62095 Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
TITLE SHEET

PWGH2020-0025
Drawing No. 20-026P
Sh 1 of 4
24" x 36"



DEMOLITION NOTES

1	REMOVE EXIST. RAIL SPUR
2	REMOVE EXIST. CONCRETE PAD (6"± THICKNESS)
3	REMOVE EXIST. AC PAVEMENTS (3"±)
4	PROTECT IN PLACE EXIST. APPURTENANCE (AS LISTED)
5	REMOVE EXIST. TREE (DIA. PER PLAN)

EXIST. PCC	
EXIST. LANDSCAPE	
EXIST. AC	
EXIST. LANDSCAPING TO BE REMOVED	
REMOVE EXIST. AC	
REMOVE EXIST. PCC	

AC	ASPHALTIC CONCRETE
EXIST	EXISTING
FG	FINISH GRADE
FS	FINISH SURFACE
PCC	PORTLAND CEMENT CONCRETE

SCALE 1" = 20'

Know what's below. Call before you dig.

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING · ENTITLEMENTS · SITE DEVELOPMENT · WATER RESOURCES
P.O. BOX 1987 · CORONA, CA 92878-1987

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
Date 3-8-2021
WILLIAM D. BROOKS
R.C.E. No. 53114

Reference Plans for these Improvements: 7020A, 05-138 D, 05-138P; 90-138, 97-565, 1971, C 1-118

Date	By	REVISIONS	App'd

BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION

Scale AS SHOWN

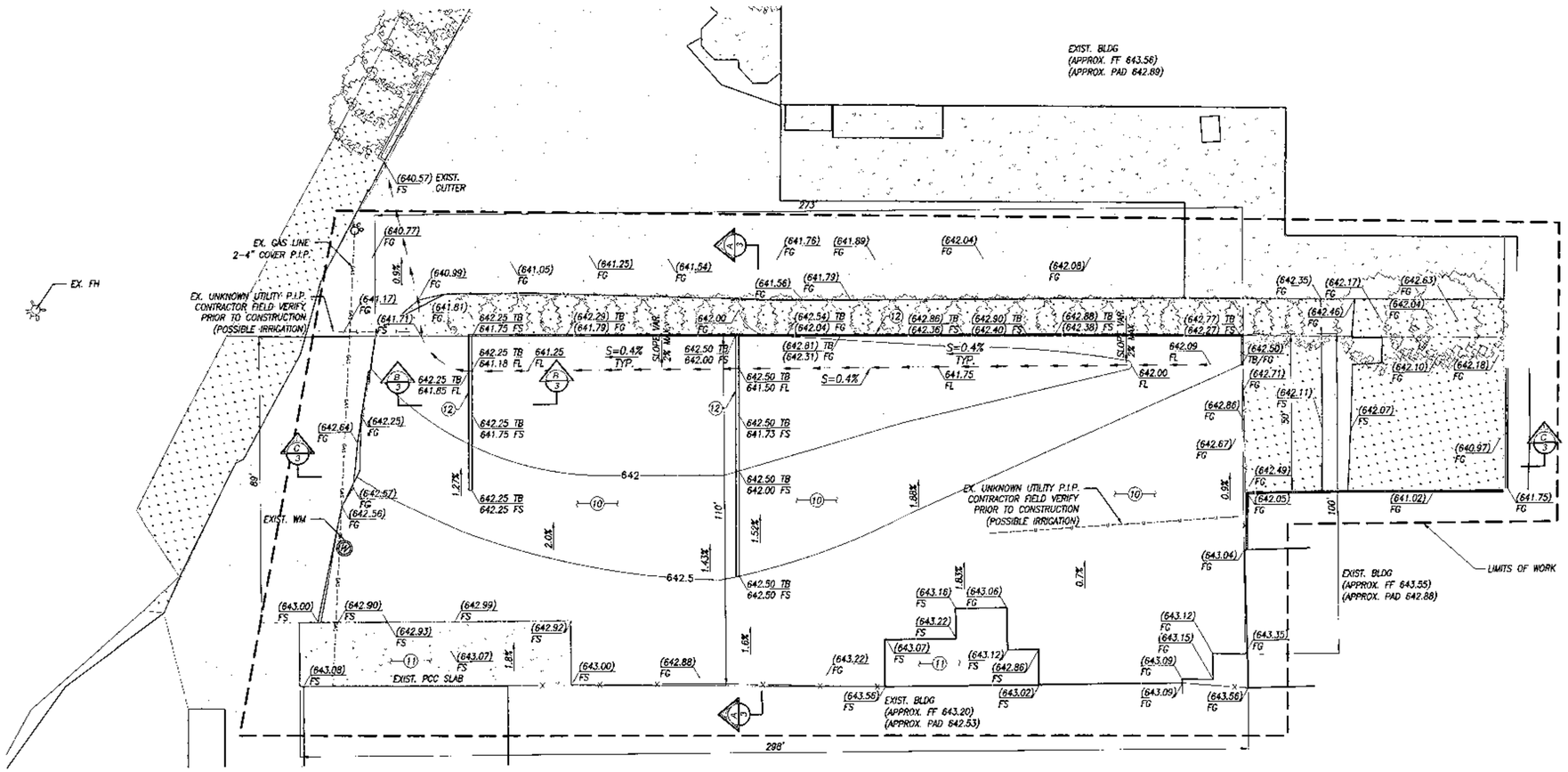
Engineering JK MH
Planning LG
Fire

Approved By
SAVAT KHAMPHOU
City Engineer
R.C.E. No. 62019
Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
DEMOLITION PLAN

PWGR2020-0025
Drawing No. 20-026P
Sh 2 of 4

24" x 36"



GRADING PLAN
1"=20'

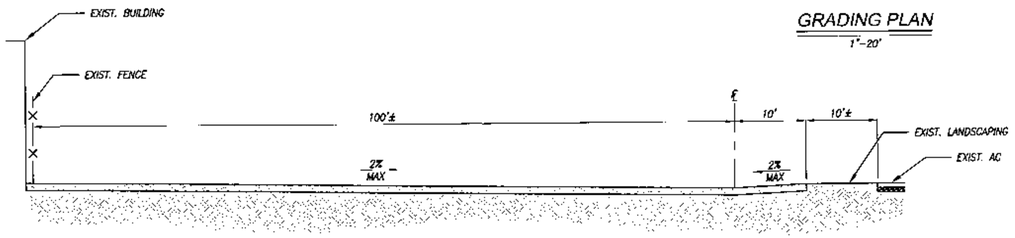
CONSTRUCTION NOTES

(10)	CONSTRUCT 3.5" AC PAVEMENT OVER 12" COMPACTED (90% RC) NATIVE MATERIAL
(11)	PROTECT IN PLACE
(12)	INSTALL 6" AC BERM PER C.O.C. STD. PLAN 140

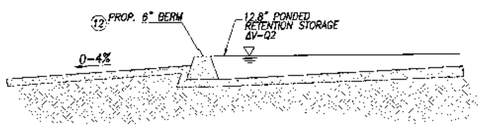
LEGEND

EXIST. PCC	
EXIST. LANDSCAPE	
EXIST. AC	
PROP. 3.5" AC PAVEMENT	

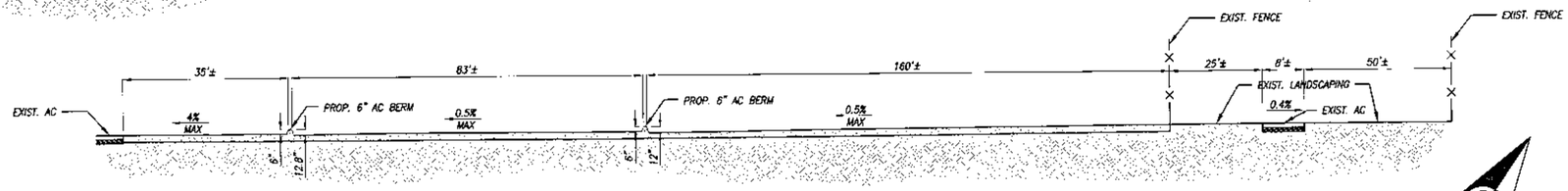
AC	ASPHALTIC CONCRETE
EXIST	EXISTING
FG	FINISH GRADE
FS	FINISH SURFACE
MAX.	MAXIMUM
PCC	PORTLAND CEMENT CONCRETE
RC	REINFORCED CONCRETE
TW	TOP OF WALL
TYP.	TYPICAL
VAR.	VARIABLE



SECTION A-A
NTS



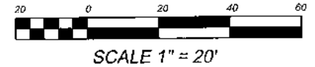
SECTION B-B
NTS



SECTION C-C
NTS







SCALE 1" = 20'

811 Know what's below. Call before you dig.

PWGR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING · SURVEYING · CIVIL · SITE DEVELOPMENT · WATER RESOURCES
26 E. 9TH STREET, SUITE 100, CLAREMONT, CA 91711
MAIN: P.O. BOX 2088, CLAREMONT, CA 91711-2088
T: 909-625-9400 F: 909-625-9496

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
WILLIAM D. BROOKS
Date 3-8-2021 R.C.E. No. 53114

7020A, 09-138, D. 05-138P
90-113P, 97-185, 1971, C-1-118

Reference Plans for these Improvements

Date	By	REVISIONS	App'd

BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION

Scale AS SHOWN

Engineering JK MH
Planning LG
Fire

Approved By
SAVAT KHAMPHOU
City Engineer
R.C.E. No 62019
Date 3/4/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
GRADING PLANS

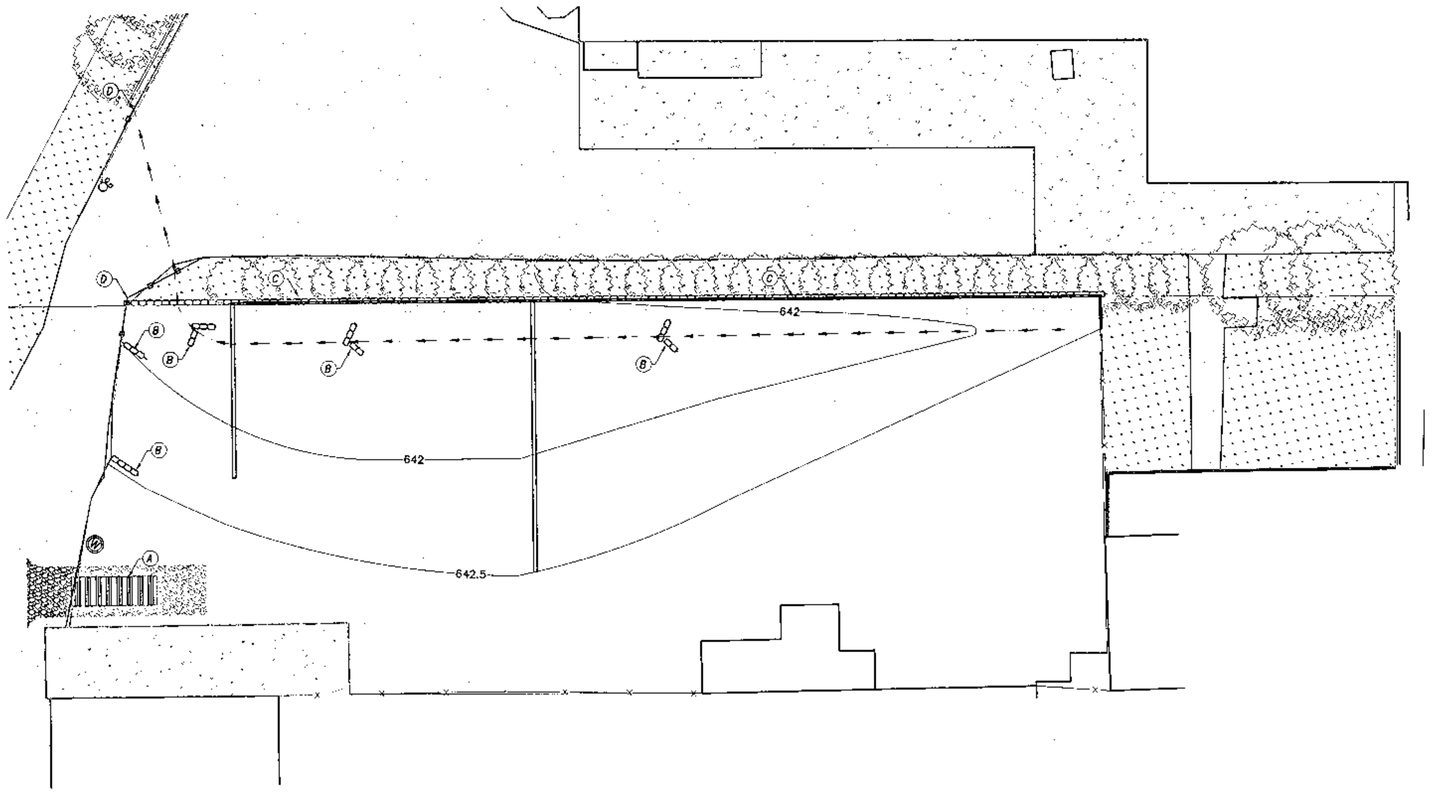
Drawing No. 20-026P
Sh 3 of 4

24" x 36"

EROSION CONTROL GENERAL NOTES:

1. EROSION CONTROL IS REQUIRED FOR GRADING OPERATIONS ON A YEAR ROUND BASIS. APPROVED PLANS ARE REQUIRED FOR ALL WORK REQUIRING A GRADING PERMIT.
2. IN CASE OF EMERGENCY CALL TIFFANY SMITH OF CLOW VALVE MANUFACTURING AT 317-364-0898.
3. THE ENGINEER OF RECORD WILL SUPERVISE EROSION CONTROL WORK AND INSURE THAT WORK IS IN ACCORDANCE WITH APPROVED PLANS.
4. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL
5. THE PUBLIC WORKS DIRECTOR RESERVES THE RIGHT TO MAKE CHANGES OR MODIFICATIONS TO THIS PLAN AS DEEMED NECESSARY.
6. STANDBY CREW FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS) OR TO REPAIR ANY DAMAGED BMP's WHEN RAIN IS IMMINENT.
7. AN EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED TO PREVENT AND/OR MINIMIZE THE TRANSPORT OF SOIL IN RUNOFF FROM DISTURBED SOIL AREAS ON THE CONSTRUCTION SITE AT ALL TIMES. IN ADDITION, BMPS SHALL BE INSPECTED PRIOR TO PREDICTED STORM EVENTS AND FOLLOWING STORM EVENTS. BMPS SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE CITY INSPECTOR.
8. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT, AS FORECASTED BY THE NATIONAL WEATHER SERVICE.
9. AFTER A RAIN EVENT EXCEEDING ONE-QUARTER INCH IN ANY 12 HOUR PERIOD, OR UPON DIRECTION OF THE PUBLIC WORKS DIRECTOR, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS, SILT FENCES, AND DESILTING BASINS; AND THE BASINS SHALL BE PUMPED DRY AND RESTORED TO ORIGINAL DESIGN CONDITION. ANY EROSION CONTROL MEASURES DAMAGED DURING A RAIN EVENT SHALL ALSO BE IMMEDIATELY REPAIRED.
10. DESILTING BASINS ARE TO BE CONSTRUCTED AS GRADING OF INDIVIDUAL GRADING AREAS ARE COMPLETE PER ROUGH GRADING PLANS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
12. AREAS SHALL BE MAINTAINED IN SUCH A STATE THAT FIRE ACCESS SHALL BE MAINTAINED AT ALL TIMES (INCLUDING ACCESS TO NEIGHBORING PROPERTIES).
13. GRADED AREAS AROUND THE SITE PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
14. TEMPORARY EROSION PROTECTION IS REQUIRED FOR MANUFACTURED SLOPES PRIOR TO PERMANENT PLANTING.
15. ALL DISTURBED SLOPES SHALL BE PLANTED AND PROTECTED WITHIN 45 DAYS OF THE COMPLETION OF EACH STAGE OF GRADING. SUITABLE MEASURES TO PREVENT SLOPE EROSION INCLUDING, BUT NOT LIMITED TO, RAPID GROWTH VEGETATION SUFFICIENT TO STABILIZE THE SOIL, SHALL BE INSTALLED ON ALL DISTURBED AREAS UNTIL SUCH TIME AS THE PERMANENT VEGETATIVE COVER SUFFICIENTLY MATURES TO PROVIDE PERMANENT STABILITY.
16. NO OBSTRUCTION OR DISTURBANCE OF NATURAL DRAINAGE COURSES OR EXISTING STORM DRAIN INLETS SHALL OCCUR DURING GRADING OPERATIONS, UNLESS ADEQUATE TEMPORARY/PERMANENT DRAINAGE FACILITIES HAVE BEEN APPROVED AND INSTALLED TO CARRY SURFACE WATER TO THE NEAREST PRACTICAL STREET, STORM DRAIN OR NATURAL WATER COURSE. ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST BE MAINTAINED IN A STATE TO ALLOW FOR CONTINUOUS FUNCTION.
17. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER THAT STORM RUNOFF WILL BE CONTAINED WITHIN THE PROJECT OR CHANNELED INTO THE STORM DRAIN SYSTEM WHICH SERVES THE RUNOFF AREA. STORM RUNOFF FROM ONE AREA SHALL NOT BE ALLOWED TO DIVERT TO ANOTHER RUNOFF AREA.
18. CONFORMANCE WITH THE REQUIREMENTS OF THESE PLANS SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TO THIS SITE AND ADJACENT PROPERTIES. DURING GRADING OPERATIONS, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO ADJACENT PROPERTIES. TEMPORARY DRAINAGE CONTROL SHALL CONSIST OF, BUT NOT BE LIMITED TO, CONSTRUCTING SUCH FACILITIES AND TAKING SUCH MEASURES AS ARE NECESSARY TO PREVENT, CONTROL AND ABATE WATER, MUD AND EROSION DAMAGE TO PUBLIC AND PRIVATE PROPERTY AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT.
19. FILL AREAS WHILE BEING BROUGHT UP TO GRADE AND DURING PERIODS OF COMPLETION PRIOR TO FINAL GRADE, SHALL BE PROTECTED BY VARIOUS MEASURES TO ELIMINATE EROSION AND THE SILTATION OF DOWNSTREAM FACILITIES AND ADJACENT AREAS. THESE MEASURES MAY INCLUDE, BUT SHALL NOT BE LIMITED TO: TEMPORARY DOWN DRAINS, EITHER IN THE FORM OF PIPES OR PAVED DITCHES TO DESILT RUNOFF; PROTECTION SUCH AS SAND BAGS AROUND INLETS WHICH HAVE NOT BEEN BROUGHT UP TO GRADE; AND EARTH BERMS AND APPROPRIATE GRADING TO DIRECT DRAINAGE AWAY FROM THE EDGE OF THE TOP OF SLOPES SHALL BE CONSTRUCTED AND MAINTAINED ON THOSE FILL AREAS WHERE EARTHWORK OPERATIONS ARE NOT IN PROGRESS.
20. CLEARING AND GRUBBING SHOULD BE LIMITED TO AREAS THAT WILL RECEIVE IMMEDIATE GRADING. EROSION CONTROL MEASURES WILL BE REQUIRED TO PROTECT AREAS WHICH HAVE BEEN CLEARED AND GRUBBED PRIOR TO GRADING OPERATION, AND WHICH ARE SUBJECT TO RUNOFF DURING A RAIN EVENT. THESE MEASURES MAY INCLUDE BUT SHALL NOT BE LIMITED TO: GRADED DITCHES; BRUSH BARRIERS AND SILT FENCES. CARE SHALL BE EXERCISED TO PRESERVE VEGETATION BEYOND LIMITS OF GRADING.
21. CONSTRUCTION SITES SHALL BE MANAGED TO MINIMIZE THE EXPOSURE TIME OF DISTURBED SOIL AREAS THROUGH PHASING AND SCHEDULING OF GRADING TO THE EXTENT FEASIBLE AND THE USE OF TEMPORARY AND PERMANENT SOIL STABILIZATION.
22. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO ELIMINATE OR REDUCE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND.
23. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT WIND OR RUNOFF DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJORNING PROPERTIES.
24. DISCHARGES OTHER THAN STORM WATER (NON-STORM WATER DISCHARGES) ARE PROHIBITED, EXCEPT AS AUTHORIZED BY AN INDIVIDUAL NPDES PERMIT, THE STATEWIDE GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY, OR OTHER APPLICABLE GENERAL NPDES PERMIT. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, SOLVENTS, DETERGENTS, GLUES, LIME, PESTICIDES, HERBICIDES, FERTILIZERS, WOOD PRESERVATIVES, AND ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; CONCRETE AND RELATED CUTTING OR CURING RESIDUES; FLOATABLE WASTES; WASTES FROM STREET CLEANING; SUPER-CHLORINATED POTABLE WATER FROM LINE FLUSHING AND TESTING, AND RUNOFF FROM EQUIPMENT AND VEHICLE WASHING. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ONSITE PHYSICALLY SEPARATED FROM POTENTIAL STORM WATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
25. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS
26. PAVED STREETS, SIDEWALKS AND OTHER IMPROVEMENTS SHALL BE MAINTAINED IN A NEAT CLEAN CONDITION, FREE OF LOSE SOIL, CONSTRUCTION DEBRIS AND TRASH. STREET SWEEPING OR OTHER EQUALLY EFFECTIVE MEANS SHALL BE USED ON A REGULAR BASIS TO CONTROL SILT THAT HAS BEEN DEPOSITED ON STREETS OR SIDEWALKS. WATERING SHALL NOT USED TO CLEAN STREETS.
27. DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING GROUNDWATER THAT HAS INFILTRATED INTO THE CONSTRUCTION SITE IS PROHIBITED. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS ALSO PROHIBITED. DISCHARGING NON-CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING ACTIVITIES MAY REQUIRE A NPDES PERMIT FROM THE SANTA ANA REGIONAL BOARD.
28. ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.

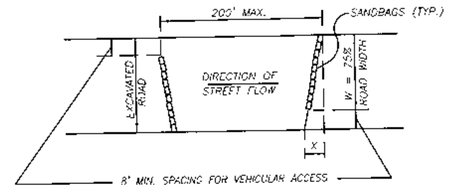
811 Know what's below. Call before you dig.



EROSION CONTROL PLAN
1"=20'

LEGEND

- EXIST. PCC
- EXIST. LANDSCAPE
- EXIST. AC
- PROP. AC
- SANBAGS
- SILT FENCE



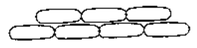
W	X
20'-30'	5
31'-40'	7
41'-50'	9
51'-60'	10.5
61'-70'	12

STREET	GRADE	LENGTH
200'	< 4%	
100'	4-8%	
50'	> 8%	

SANDBAG VELOCITY REDUCER (A)
NTS



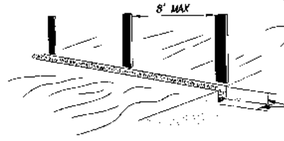
PLAN
NTS



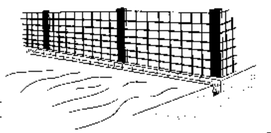
SECTION A-A
NTS

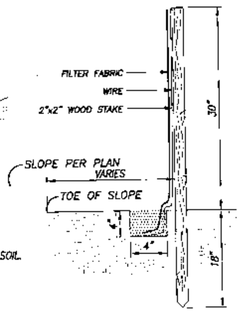
ECS 52 SANDBAGS (B)
NTS

1. SET POSTS AND EXCAVATE A 4" BY 4" TRENCH UPSLOPE FROM AND ALONG THE LINE OF POSTS (SEE SECTION D-D).



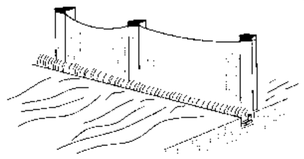
2. STAPLE WIRE FENCING TO THE POSTS.



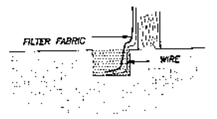


SECTION D-D
NTS

3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



SILT FENCE DETAIL (C)
NTS

EROSION CONTROL NOTES *ALL EROSION CONTROL MEASURES PER CA. STORMWATER BMP'S		QTY.	UNIT
(A)	INSTALL STABILIZED CONSTRUCTION ENTRANCE PER C.O.C. STD 225	1	EA.
(B)	INSTALL SANDBAG VELOCITY REDUCER PER DETAIL A	53	L.F.
(C)	INSTALL SINGLE ROW GRAVEL BAGS - 2 BAG HIGH PER DETAIL B	275	L.F.
(D)	INSTALL SILT FENCE PER DETAIL C	47	L.F.

NOTE: FINAL LOCATION OF EROSION CONTROL MEASURES WILL BE DETERMINED AT THE CONSTRUCTION MANAGER'S DISCRETION

REGISTERED PROFESSIONAL ENGINEER — WILLIAM D. BROOKS — No. 53114 — Exp. 6/30/21 — CIVIL — STATE OF CALIFORNIA

N

20 0 20 40 60

SCALE 1" = 20'

PWGR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS	Designed by W.D.B.	Drawn by R.R.T.	Checked by W.D.B.
PLANNING ENGINEERING CIVIL SURVEYING GEOLOGY WATER RESOURCES 1130 KANA ONASE DRIVE CORONA, CA 92881 MAIL: P.O. BOX 7385 CORONA, CA 92877-0385 P 951-272-5300 F 951-279-4280	PLANS PREPARED UNDER SUPERVISION OF WILLIAM D. BROOKS R.C.E. No. 53114 Date 3/2021	702CA, 05-138 D, 04-138P 90-1139, 97-568, 1971, C-1-138 Reference Plans for these Improvements	Date / By / REVISIONS / Appd

BENCH MARK: TBM ELEV.=803.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

Engineering JK MH
Planning LG
Fire

Approved By: SAVAT KHAMPHOU, City Engineer, R.C.E. No 62019 — Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
EROSION CONTROL PLAN

Drawing No. 20-026P
Sh 4 of 4

24" x 36"

APPENDICES

APPENDIX A

PROJECT HEALTH & SAFETY PLAN (HASP)

Corrective Measures Study
Clow Valve
1375 Magnolia Avenue
Corona, California

EarthCon Project No. 04.20150013.00

August 22, 2016
Revised October 2, 2017

Project Health and Safety Plan (HASP)

Project Name: Corrective Measures Study - Clow Valve
1375 Magnolia Avenue
Corona, California

Project Number: 04.20150013.00

Prepared by:	Jennifer McGervey EarthCon Consultants CA, Inc.	8/19/16
Project Manager:	Jeff Bennett, PG EarthCon Consultants CA, Inc.	8/19/16
Approved by:	J. Ryan Clarke EarthCon HASP Reviewer	08/20/2016

Brief Description of Amendment	**Amendment Date**
Update field scope to include capping; updated dust action level;	10/2/17
Update of EarthCon H&S personnel	10/2/17

Health and Safety Plan Consent Agreement

Because of the potentially hazardous nature of this site and activity occurring at the site, it is not possible to discover, evaluate, and provide protection for all possible hazards that may be encountered. Strict adherence to the health and safety guidelines set forth in this document will reduce, but may not eliminate, the potential for injury and illness at this site. Guidelines in this Plan were prepared specifically for this site and should not be used on any other site without prior evaluation by trained health and safety personnel.

Site workers must also review this HASP. The Site Safety Officer (SSO) must conduct a pre-work briefing prior to initiating this project. All sections of this HASP must be reviewed during this briefing and documented via **Appendix A**. Any worker not attending the initial meeting must be trained by the SSO on the information covered in the pre-work briefing meeting. ***The SSO must hold tailgate meetings at the beginning of each work shift to discuss important safety and health issues concerning tasks to be performed on that day.*** After reading the HASP and attending a pre-work briefing, workers must sign the following acknowledgment statement.

I have read, understand, and will abide by the information set forth in this HASP. I have also attended a pre-work briefing. I agree to perform my work in accordance with this HASP **(See Appendix F).**

Name (Print)		Signature	Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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Table 3: General Safe Work Practices
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Appendix A: Site Safety Meeting Minutes
Appendix B: Safety Data Sheet
Appendix C: Chemical Information
Appendix D: Hazard Mitigators
Appendix E: Personal Protective Equipment
Appendix F: Contractor and Outside Company HASP Consent Agreement
Appendix G: OSHA Onsite Training Document Form
Appendix H: Health & Safety Inspection Check list

1.0 HASP SUMMARY INFORMATION

The first phase of this project is anticipated to include the collection of soil samples, using a direct push drill rig, at a total depth of 10 feet below ground surface (ft bgs) and installation of two groundwater monitoring wells. The second phase is to implement the CMS activities which includes removing impacted soil, collection of soil confirmation samples, and capping the identified exposed surfaces. This HASP will be updated or amended, as necessary, to reflect any changes that may be encountered. Personnel responsibilities are described in **Table 1** and personnel training requirements are provided in **Table 2.**

Project Name…….	Corrective Measures Study
Project Location…..……..…….	Clow Valve 1375 Magnolia Avenue Corona, California (see Figures 1 and 2)
Project Number…….	04.20150013.00
Project Manager……	Jeff Bennett714-500-5400 ext.5454
Start Date / End Date	September 2016-October 2016
Site Safety Officer(s)…….	Tim Eyres
Client Contact	Larry Bowers 256-388-0001
Supervisor……...	Jeff Bennett 714-500-5400 ext. 5454
Regional Health & Safety Coordinator…..	Hugh Walker, Jr. – 662-871-8753 (Cell)
Planned Activities……..	Monitoring well install & sampling; soil sampling, capping
Chemical Hazards…….	PCBs, Lead, Cadmium, Arsenic, Diesel, Gasoline
Initial PPE……..	Level D
Emergency Phone……..	**911**
Hospital Information……	**(951) 737-4343** **Corona Regional Medical Center** **800 S Main St, Corona, CA 92882**

2.0 INTRODUCTION

This HASP serves the following purposes:

- Identifies and describes the potentially hazardous substances and working conditions that may be encountered during the field work;
- Specifies personal protective and monitoring equipment to be used during onsite activities; and
- Outlines measures to be implemented in the event of an emergency.

2.1 Site Location and Description

The Site is southwest corner of the intersection at 1375 Magnolia Avenue in Corona, California. **Figure 1** shows the site location. **Figure 2** provides a site layout for the facility. It is identified as Riverside County Assessor Parcel Number 107-030-022-3 and covers approximately 16 acres. Approximately 60% of the property is currently used for machining, product finishing and testing, and product storage. The remaining 40% includes asphalt-paved parking areas and unpaved areas. Unused foundry buildings, small offices and open areas are leased to other tenants.

2.2 Project Objectives

EarthCon will collect soil samples to assess the extent of soil contamination on-Site. The soil samples will be managed according to the workplan protocol.

EarthCon will provide oversight of advancement for well installation using a subcontracted drilling company. EarthCon will collect and manage water samples according to the workplan protocol.

EarthCon will provide oversight of the grading and asphalt cap placement associated with AOC-1 and AOC-5.

The ultimate objective is to conduct all activities in a safe and compliant manner.

2.3 Personnel Requirements and Responsibilities

Provisions of this HASP apply to all EarthCon personnel and subcontractors that will be participating in the above noted field activities. On-site personnel will be required to review the HASP prior to commencement of field activities and conduct all field activities in accordance with plan specifications. Other personnel on the site are expected to follow the provisions of the health and safety procedures outlined in this HASP as a minimum base standard but will retain full responsibility for the health and safety of their own employees or sub-subcontractors.

General safe work practices that must be implemented during work activities at this site are included in **Table 3**.

EarthCon considers each subcontractor to be an expert in all aspects of the work operations which they are tasked to provide, and each subcontractor is responsible for compliance with those regulatory and/or legal requirements which pertain to those services. While the EarthCon HASP will be the minimum H&S requirements for the work completed by EarthCon and its subcontractors, each subcontractor, in coordination with EarthCon's H&S personnel, is expected to perform its operations in accordance with its own H&S plans, policies and procedures unique to the subcontractor's work to ensure that hazards associated with the performance of the subcontractor's work activities are properly controlled. Copies of any required safety documentation for a subcontractor's work activities will be provided to EarthCon for review prior to the start of on-site activities. No review of any subcontractor plan or document by EarthCon will serve as an approval or ratification of such plan by or on behalf of EarthCon, and no such review will operate as any assumption of any duty or responsibility on the part of EarthCon (or any EarthCon employee or representative) for or as to any aspect of any subcontractor's own H&S responsibilities. Any comments or feedback from EarthCon to any subcontractor following any review by EarthCon of any subcontractor document or practice is provided solely for informational purposes and not for reliance.

In the event that the subcontractor's procedures/requirements conflict with requirements specified in this HASP, the more stringent guidance will be adopted after discussion and agreement between the subcontractor and EarthCon project H&S personnel. Hazards not listed in this HASP, but known to the subcontractor or known to be associated with the subcontractor's services, must be identified by the subcontractor and addressed to the EarthCon Project Manager prior to beginning work operations.

EarthCon personnel who have responsibility for the safe operations of this project include the Project Manager (PM), EarthCon Corporate Safety and Health Manager (CSHM), the Site Safety Officer (SSO) and the Project Field Staff. Responsibilities of each of the above referenced personnel as they relate to project safety and health are provided in **Table 1**.

2.4 Site Control

Site control procedures must be implemented **before** the start of site tasks to control worker exposures to hazardous substances. A Vicinity Map that shows the site location is included as **Figure 1**. A Site Layout Plan with proposed sampling locations is included as **Figure 2**. Changes may be made to the site map by the SSO, as needed, based on site conditions. The site map should be posted in the work area and/or field notebook.This site control program is designed to reduce the spread of hazardous substances from contaminated areas to clean areas, to identify and isolate contaminated areas of the site, to facilitate emergency evacuation and medical care, to prevent unauthorized entry to the site, and to deter vandalism and theft. The Site Safety Officer is responsible for evaluating site conditions and for verifying that the

site control program functions effectively. The site control program will be updated regularly to reflect current site conditions, work operations, and procedures.

2.4.1 Site Access

Access to the site shall be controlled using the following method(s):

☐	Security fence	☒	Temporary barricades and/or warning tape
☐	Sign in/Sign out log	☐	Guard
☐	Identification badges	☐	Other: Onsite Manager

2.4.2 Work Zones

Restricted work zones may be established to limit the spread of hazardous substances (when applicable) by workers from potentially affected areas to non-affected areas. The exact location and extent of the work zones will be modified as necessary as site investigation information becomes available. Delineation of work zones is as follows:

- Exclusion Zone: The Exclusion Zone is the area where the potential for exposure to hazards and contact with hazardous materials could occur. The zone may be marked by caution tape. Personnel working within the Exclusion Zone will be expected to follow protective measures as prescribed by the SSO.

- Contamination Reduction Zone: The Contamination Reduction Zone is a transition area between the potentially affected areas/materials and assumed non-affected areas/materials. Decontamination of personnel and equipment, if necessary, shall be conducted in this area to reduce the probability of contamination transfer to a non-affected area. The Contamination Reduction Zone shall be situated upwind of the Exclusion Zone.

- Support Zone: The Support Zone is the area, outside the Exclusion and Contamination Reduction Zone, where administrative and other project support functions are performed. The Support Zone shall be situated upwind of the Contamination Reduction Zone and/or the Exclusion Zone.

See Figure 2A for the location of the work zones.

2.4.3 Communications

Typical on-site communications may be conducted through the use of:

☒	Verbal		
☐	Two-way radio	☐	Horn
☒	Cellular telephone	☐	Siren
☒	Hand signals	☐	Other:_____

Off-site communications may be conducted through the use of:

☒ Cellular telephone: Verify cell phone reception in all work areas prior to starting work.
☐ Site Phone: Location & No. _____
☐ Pay phone: Location & No. _____
☐ Other: _____

Cell Phone reception should be verified throughout the site prior to commencing work.

2.4.4 Visitors

Visitors to the Site shall be continually escorted in order to assure their safety. Visitors will not be allowed past the Support Zone (if such a zone is established at this Site) unless they read, understand, sign, and abide by the requirements outlined in this HASP.

2.5 Worker Training

Table 2 will be used to document on-site workers who have received the appropriate training according to the company Environmental, Health, and Safety (EH&S) Training Program**. Table 2** must be completed prior to initiation of field activities. Pre-work briefing and routine tailgate meetings will be conducted to facilitate on-site training. Subcontractors must provide information requested in **Appendix G** prior to starting to work.

2.6 Safety Meetings

Project personnel who will be involved with on-site field activities must be appropriately trained in accordance with 29 CFR Part 1910.120 "Hazardous Waste Operations and Emergency Response". Before field work begins, the SSO will review the HASP with the field workers addressing the potential hazards associated with the proposed field activities. Components of the safety meeting will include, but will not be limited to, a review of the following:

- Location of sanitation facilities as seen on site plan.
- Potential chemical, operational and physical hazards present at the site.
- Personal protective equipment (PPE)/personal protection procedures.
- Hazardous materials handling procedures.
- Buddy system.
- Personal hygiene - general guidelines.
- Personal and equipment decontamination procedures.
- Emergency response procedures.
- Symptom awareness.
- Stop Work Authority

Periodic meetings with project personnel may be conducted by the SSO pending changes to the scope of work or modification to this HASP. To document the meetings, the SSO will complete

the Site Safety Meeting Minutes Form provided in **Appendix A**. Verification will be provided to the CHSM upon request.

2.7 Medical Monitoring Requirements

OSHA requires medical monitoring for personnel potentially exposed to chemical hazards at concentrations in excess of the PEL for more than 30 days per year and for personnel who must use respiratory protection for more than 30 days per year.

Will personnel working at this site be enrolled in a medical monitoring program? ☐**Yes** ☒**No**

Personnel who are diagnosed as having medical conditions which could directly or indirectly be aggravated by either exposure to chemical substances suspected of being present at the Site, or by the use of Personal Protective Equipment (PPE), will not be allowed to participate in field activities. In addition, personnel with injuries or illnesses involving open wounds may not be allowed on-site. Field personnel who develop an illness or injury during the project may be examined by a physician. A physician must determine if the employee is fit to return to work before they can return to field activities. In addition, the CHSM, SSO, or Site employees may request additional medical testing if a chemical exposure is suspected.

2.8 Hazard Communication Requirements

When chemicals are used on-site, EarthCon workers must adhere to the company's Hazard Communication Program (29 CFR §1910.1200). The following procedures must be followed for chemicals brought on-site (i.e., decontamination solution, sampling preservatives, etc.):

- Labels on incoming primary chemical containers must not be defaced (until after the container is empty, decontaminated and ready for disposal).
- Chemical containers must be stored in appropriate storage cabinets.
- Secondary containers and storage cabinets must be correctly and clearly labeled using the Hazardous Materials Identification System (HMIS).
- Incompatible chemicals must not be stored together.
- Workers must receive training on the hazards indicated in **Table 4.**
- Containers must be secured closed unless adding to or removing something from the container.
- Safety Data Sheets for the chemicals should be recent and are included in **Appendix B**.; they should be made available to workers upon request and applicable hazards covered during safety meetings.
- Workers must receive training on the hazards of the chemicals indicted in **Appendix C.**
- Include a safety training sign off sheet to document this training and provide a copy to the CHSM.
- Training on this information should be documented in **Appendix F**.

3.0 GENERAL PERFORMANCE REQUIREMENTS

General safe work practices that must be implemented during work activities at this site are included in **Table 3**.

3.1 Performance Requirements

- Workers are expected to show up alert and ready to work. No sleeping is allowed on the job.
- Any unsafe equipment, condition or work practice and injuries, no matter how slight, must be reported to the SSO immediately.
- Procedures for the proper set up and control of the worksite task area should be planned and implemented prior to starting individual tasks.
- Field personnel must have ready access to a telephone and a vehicle in case of emergency.
- Field personnel working in the Exclusion Zone are to work with another person at all times. The subcontractor's representative can serve as the second person while the work is being conducted in the field.

3.2 Hygiene Requirements

- Long hair will be secured away from the face so it does not interfere with any activities.
- Eating, drinking, chewing gum or tobacco, smoking, or any practice that increases the probability of hand-to-mouth transfer and ingestion of material is prohibited in any area designated as being potentially affected by site related chemicals.
- Hands and face must be thoroughly washed upon leaving the work area, and before eating, drinking, or other non-project activities.
- Personnel leaving potentially contaminated areas will shower (including washing hair) and change to clean clothing as soon as possible after leaving the site.
- Kneeling, sitting, leaning, or general contact with potentially affected surfaces or with surfaces suspected of being potentially affected by hazardous materials (i.e., puddles, mud, leachate, etc.) should be avoided.
- Medicine and alcohol can potentiate the effects of exposure to toxic chemicals. Neither should be taken by personnel if the likelihood of risk exists. Ingestion of alcohol during and immediately prior to field activities is prohibited.
- Sanitation facilities are provided on site. Potable water and restroom facilities are available and in accordance with 8 CCR 5192 for all employees and visitors.

4.0 HAZARD EVALUATION

A preliminary hazard evaluation was performed to identify existing site conditions and is documented in **Table 4**. The preliminary hazard evaluation addressed the following, where applicable:

- Identification of the suspected hazardous materials/wastes on-site;
- Toxicological aspects of the suspected hazardous materials on-site;
- Suspected chemical/elemental concentrations within the various media on-site;
- Inherent site hazards;
- Operational hazards; and
- Climate extremes.

Environmental site personnel have indicated fire, inhalation and skin absorption to pose a hazard on site. Reactivity including ionizing radiation is not of concern for the site due to past investigations and the operational history. All scrap steel and raw steel entering the site has been screened by radiation detection devices. Further information is documented in **Table 4**.

4.1 Suspected Chemical/Elemental Hazards

To select those contaminants that may cause health and safety concerns, henceforth referred to as potential Contaminants of Concern (COCs), a review of the site remediation and sampling history was performed. Based on this review, potential COCs were selected and are listed in **Table 5**. Chemical information for each of the potential COCs are provided in the NIOSH Pocket Guide pages located in **Appendix C**.

Information from the NIOSH Pocket Guide (e.g., flash point, water reactive, etc.) has been used in performing the chemical hazard analysis in **Table 5** (e.g., fire, inhalation, reactivity, and skin absorption hazards). If, based on the hazard analysis, chemical hazards exist, hazard mitigators must be implemented (**Appendix D**). In addition, air monitoring and personal protective equipment must also be used to evaluate airborne concentrations and protect workers.

After review of the relevant background information and data, if there is a potential for dermal and/or respiratory exposure to the materials or contaminants of concern, personnel shall perform the monitoring requirements summarized in **Section 5.2** and execute actions as appropriate. If action levels are exceeded, work shall be suspended until on-site conditions can be re-assessed and this HASP modified.

4.2 Operational/Physical Hazards/Biological Hazards

Potential operational/physical associated with tasks to be performed and the site have been analyzed in **Table 4**. If, based on the hazard analysis, these hazards exist; the hazard mitigators described in **Appendix D** must be implemented.

- **Utility (e.g., Electrical) hazards:** Utility hazards include buried cables, which pose a danger of shock or electrocution if workers or equipment contact or sever them during site operations. Onsite personnel are advised to pay special attention to the presence of utility hazards. Observe as built plans (if available) for the presence of underground hazards and advance the borings cautiously. A subsurface survey shall be conducted at each of the suspect locations, if necessary.

Lockout/Tag out procedures, in accordance with the EarthCon Lockout/Tag out Program, will be followed when working in the vicinity of electrical equipment. Electrical equipment will be considered energized unless tested and determined otherwise. Energized parts will be insulated or guarded from personal contact. Extension cords used with electrical tools will be the 3-wire type and connected to a ground fault circuit interrupter (GFCI). Wooden or fiberglass ladders will be used. Metal ladders will not be used in the work area.

- **Mechanical hazards:** Mechanical hazards include being struck by heavy equipment and being injured by excavation cave-ins. Onsite personnel are advised to stand at least 15 feet clear of heavy equipment and excavations, and wear appropriate protective equipment, including steel-toe boots and hard hats during the field activities. Fall, slip, and/or trip hazards exist when working with equipment and tools. Field personnel will observe walking surfaces in the work area to prevent tripping on equipment/tools placed on the ground. Good housekeeping will also be practiced. All walking surfaces with a drop of more than six feet will have fall protection devices. Fall protection devices may include adequate delineation of the excavation and trenches, guardrails, or climbing devices such as a harness and lanyard.

- **Noise Hazards:** Noise hazards may exist when working around heavy equipment. Loud noises interfere with communication and also lead to temporary and/or permanent hearing loss. Noise hazards may exist wherever heavy equipment such as loaders and any operating machinery, produce noise levels at or above the Action Level of 85 dBA for 8-hr Time Weighted Average (TWA). Noise in excess of 85 dBA may produce the following effects:

  1. Distraction, annoyance, or sudden surprise
  2. Inability to effectively communicate with co-workers
  3. Physical damage expressed initially as a Temporary Threshold Shift (TTS) and then, as a Permanent Threshold Shift (PTS), or immediately as a Permanent Threshold Shift if the impact noise is sufficient enough (usually greater than 100 dBA)

  Appropriate hearing protection must be utilized in areas of unacceptable noise levels.

If, based on the hazard analysis (**Table 4**), biological hazards exist associated with tasks to be performed and site location (e.g., allergic reactions to poisonous plants or insects indigenous to the area, etc.); hazard mitigators (**Appendix D**) must be implemented.

5.0 PERSONAL PROTECTION

5.1 Personal Protective Equipment (PPE)

The levels of personal protection required for each task are provided **in Appendix E.** This PPE is based on the hazards identified in **Section 4.** Required equipment and types of protective clothing materials are listed, as well as an indication of the initial level of protection.

Is there potential for a respirator to be donned during fieldwork? ☐Yes ☒No

It is not anticipated that the use of respirators will be needed, however during the drilling work and sampling the area will be monitored via dust particulate monitor (MiniRam or equivalent). If there is an indication that a respirator is required work will be halted until tasks have been re-evaluated and the HASP has been updated as needed.

The general use of PPE is acceptable when engineering controls cannot adequately eliminate the hazard. The use of PPE is intended to provide protection for on-site personnel from chemical, physical, and operational hazards that cannot be controlled through other safety procedures. Initially, Level D Protection will be employed by on-site personnel and will include varying levels of eye, head, body, hand, foot, and hearing protection.

Respiratory protection will not be required. However, if respirators are worn, workers must adhere to the company's Respiratory Protection Program (29 CFR §1910.134). **Table 2** should be used to provide a record of the site workers' last fit test. Beards (i.e., facial hair interfering with the respirator seal) are not allowed.

Acceptable PPE are further described below.

- Eye Protection: Eye protection will include the use of chemical splash goggles and/or face shields and impact resistant safety glasses with side shield protection that meet the current ANSI standard Z87.1.

- Head Protection: Non-metallic hard hats meeting the current ANSI standard Z89.1 will be worn by on-site personnel as required during field activities.

- Body Protection: Body protection will include the use of long sleeved shirt and pants work clothes.

- Hand Protection: Hand protection will include the use of nitrile gloves when hand contact with affected materials (e.g., groundwater and soil) may occur. Otherwise use work gloves of leather or other appropriate material.

- Foot Protection: Foot protection will include the use of impact resistant boots meeting the current ANSI standard Z41.1.

These levels shall only be downgraded upon approval by either the CSHM or SSO. Project personnel are not permitted to deviate from the specified levels of protection without prior approval of the SSO.

5.2 Personal Air Monitoring

Corrective measure activities may have the potential to generate dust; therefore, dust monitoring will be conducted on-Site. Airborne particulate concentrations will be measured with a portable particulate monitor (MiniRam or equivalent) to ensure compliance with the action levels (stop work level) and Cal OSHA Permissible Exposure Limits (PELs). The PELs for COCs potentially present on-Site, along with stop work levels are provided in Table 5.

According to calculations using the site specific maximum concentrations documented in **Table 5** and the OSHA Permissible Exposure Limit (PEL) for total dust, the only constituent of concern is lead. Total dust must measure below 6.8 mg per cubic meter (mg/m^3) to remain below the PEL for lead. However, at the direction of the DTSC the action level for total dust is 0.05 mg/m^3. A MiniRam will be on site at all times monitoring dust concentrations. The MiniRam is gravimetrically calibrated in mg/m^3using the standard SAE Fine (ISO fine) test dust. A zeroing kit will be present to accomplish zeroing in particle free air when on-site. In the case where dust levels measure over 0.05 mg/m3, work will be suspended and on-site conditions will be re-assessed.

5.3 Vehicle Safety

Vehicle safety requires the following:

- Vehicles are to be operated in a safe manner and in compliance with statutory traffic regulations and ordinances.
- Operators are to practice defensive driving and drive in a courteous manner.
- Operators are required to have a valid driver's license and liability insurance (per local/state laws).
- Seat belts are to be worn by the driver and passengers.
- No persons are allowed to ride in the back of any trucks or vans.
- Vehicles are to be driven in conformance with local speed limits.
- Personnel who are impaired by fatigue, illness, alcohol, illegal or prescription drugs, or who are otherwise physically unfit, are not allowed to drive.
- Personnel are to avoid using cellular phones or engaging in other distractions while driving.
- Vehicles should be maintained in a safe and clean condition.
- Field vehicles should be equipped with the following items; first-aid kit, fire extinguisher, spares tire and jack.
- Motor vehicle accidents shall be reported to the responsible law enforcement agency (when appropriate), the EarthCon CHSM, the EarthCon HR Director, the SSO and the EarthCon PM.
- Daily and monthly check lists to verify safe operations have been generated and should be utilized prior to operating a vehicle.
- If the site has specific driving rules, these should be reviewed and adhered to.

5.4 Illumination

Work will be completed during daylight hours only. This will ensure all work is done in accordance with 8 CCR 5192(m) illumination requirements.

6.0 DECONTAMINATION

The following decontamination (cleansing) procedures for the sampling equipment and PPE have been developed with the intent of reducing the potential for the transfer of hazardous chemicals.

6.1 Sampling Equipment

To reduce the potential for the distribution of contaminants or cross contamination of samples, the following procedures will be used. Decontamination of the sampling equipment will include washing the equipment in a detergent solution (Liqui-nox and water), rinse with potable water, rinse with organic-free/distilled water, and allow to air dry. Disposable equipment will be used when practical to eliminate the need for on-site decontamination.

6.2 Personnel and PPE

During this project the goal will be to use disposal PPE (nitrile gloves), therefore no PPE decontamination will be required. If this cannot be accomplished, PPE must be decontaminated (cleaned) per 29 CFR §1910.120(k). In an emergency, the primary concern is *to prevent the loss of life or severe injury to site personnel. If immediate medical treatment is* required to save a life, decontamination should be delayed until the victim is stabilized. If decontamination can be performed without interfering with essential life saving measures or first-aid, or if a worker has been contaminated with an extremely toxic or corrosive material that could cause severe injury or loss of life, decontamination must be performed in coordination with or prior to initial medical treatment at the scene.

Decontamination of PPE (e.g., gloves) shall be accomplished by passing personnel through appropriate stages of contamination reduction and removing contaminated clothing and equipment in decreasing order of the degree of potential contamination. Personnel who have entered areas suspected of containing hazardous materials (i.e., the Exclusion Zone) will be subjected to decontamination. The personnel decontamination corridor may be comprised of the following procedural stages. These stages/procedures are listed sequentially below.

Stage No. 1: Segregated Equipment Drop – Personnel will brush off loose dirt and wash off remaining soil, sediment, and dirt from clothes and shoes upon completion of sampling and field work. Equipment and consumables that require either disposal or special handling (e.g., special and/or equipment decontamination) shall remain in this area and be decontaminated, if appropriate, or disposed of with the excavated materials or other potentially contaminated materials.

Stage No. 2: PPE Decontamination - PPE that has been potentially contaminated will be washed with a TSP and water mixture followed by a water rinse.

Stage No. 3: General Field Wash - Personnel shall wash and rinse face and hands with soap and water before leaving the site and/or eating. If a change of clothing is necessary, it shall be done at this time.

6.3 Decontamination Fluids and Investigation-Derived Waste Disposal

Decontamination water and drill cuttings will be placed in appropriate containers. Disposal methods will be determined after characterizations have been completed. Solid waste generated during decontamination and field activities (i.e., paper towels, plastic tarps, used PPE) will be removed from the Site and disposed as refuse/trash.

6.4 Vehicles

Typically, vehicles will not be allowed inside the exclusion zone. If vehicles are required in the exclusion zone (e.g., drill rigs) the following procedures will be used. Personnel will wash or remove boots and change to dry clothing prior to vehicle entry. Non-disposable equipment will be washed or bagged before placement into field vehicles. Drill rigs will be decontaminated with detergent solution and rinsed with water before leaving the exclusion zone.

7.0 EMERGENCY PROCEDURES

A list of Emergency Response contacts and telephone numbers for applicable local off-site emergency responders is provided in **Table 6**. The following emergency response equipment is required for this project:

☒ Fire Extinguisher(s): ☐ Type A ☐ Type B ☐ Type C ☒ Type ABC
☒ Air Monitoring: ☐ PID ☐ Air Sampling Pumps ☐ CG/O2 meter
☒ MiniRam ☐ H2S Meter ☐ Radiation Meter
☐ Draeger Pump w/ Sample Tubes ☐ Other:
☒ Eyewash (Note: portable eyewash bottle)
☐ SCBA
☒ First Aid Kit
☐ Shower (Note: for acids and caustics)
☐ Personal Flotation Device(s)
☐ Windsock
☐ Stop Watch &Thermoscan for Measuring Heart Rate and Heat Stress
☐ Global Positioning System
☐ Other:

As a minimum, the project shall have the following equipment available during field activities:

- A first aid kit (mandatory, including adhesive Band-Aids, gauze, tape, gloves, CPR shield, triangle bandage) shall be available in the Support Zone at all times.

  Check additional items required for the site.

  ☐ Emergency Blanket ☒ Sunscreen (as needed)

  ☒ Insect Repellent (as needed) ☐ Other: ointment for poison plants and insect bites_____

- Copious amounts of cool potable water shall be readily available for both drinking purposes and for personal hygiene purposes (e.g., washing, rinsing, and cooling of face and body, etc.).
- Emergency references (e.g., nearest phone, emergency phone numbers and services, etc.) shall accompany the first aid kit.
- Communication equipment such as a cellular phone will be accessible in case of an emergency.
- A vehicle shall be easily accessible for transport/emergency.

The emergency response communication system for the site is:

- ☒ Verbal
- ☐ Two-way radio
- ☒ Hand signals: Hand gripping throat ="Out of Air, Can't Breathe"
  Grip partner's wrist or both hands around waist ="Leave area immediately"
  Hands on top of head ="Need assistance"
  Thumps up ="OK; I am all right; I understand"
  Thumps down ="No; negative"
- ☐ Horn
- ☐ Siren
- ☒ Other: Cellular Phone

If an on-site emergency develops, the procedures outlined in **Table 7** shall be followed immediately.

7.1 Natural Disasters

In the event of emergency conditions associated with natural disasters, such as severe weather, site personnel will remain calm, turn off equipment and ignition sources, and move away from buildings, cranes, and overhead utilities. Following an emergency, personnel will proceed to a designated meeting place. The SSO will take a head count to ensure that all personnel are present. Crews must remain together until accounted for. The SSO will assess any injuries and the need for emergency assistance.

7.2 Workplace Violence

If any employee or visitor is confronted by a potentially hostile person, he/she will remain calm and refrain from further aggravating the individual. Site personnel should contact the SSO. Protocol established by the site will be followed or local police will be contacted for assistance when needed.

8.0 SHIPMENT OF RESTRICTED ARTICLES

Federal laws and international guidelines place restrictions on what materials may be shipped by passenger and cargo aircraft. In the course of field activities, the following items may be shipped to and from the site in the following manner.

Item	Hazardous Constituent	Quantity	Packaging	How Shipped
Soil samples	*NA	5	8 oz. glass jar with Teflon lid. Laboratory provided	EarthCon Personnel

Item	Hazardous Constituent	Quantity	Packaging	How Shipped
Groundwater Samples	HCL & HNO3 – lab preservatives	3	VOAs and HDPE laboratory provided containers	EarthCon Personnel

*soil samples do not have preservatives

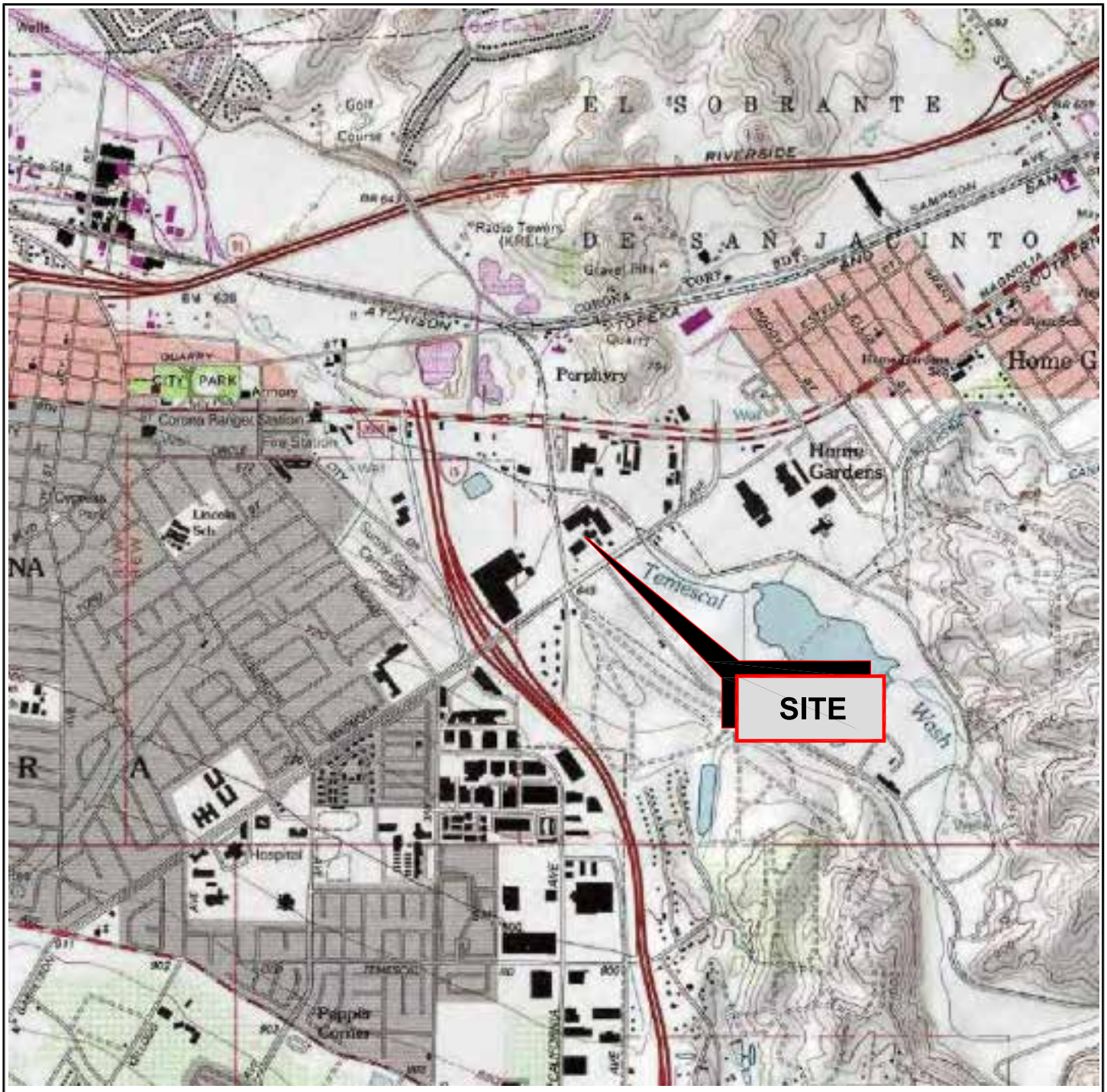
9.0 SPILL CONTAINMENT

An evaluation was conducted to determine the potential for hazardous substance spills at this site. That evaluation indicates that there is no potential for a hazardous substance spill of a sufficient quantity to require containment planning, equipment, and procedures. For that reason, no spill containment program is implemented at this site. Employee training on how to respond and take protective measures during incidental releases of hazardous substances are provided consistent with the Hazard Communication Standard, 29 CFR 1910.12

Incidental spills are different from emergency releases. Incidental spills can safely be absorbed, neutralized, or otherwise controlled by EarthCon employees or contractors with the appropriate training.

Figure 1

Vicinity Map



FROM: U.S. GEOLOGICAL SURVEY, 1997
QUADRANGLE: CORONA SOUTH
COUNTY: RIVERSIDE
SERIES: 7.5-MINUTE QUAD

NOTE: ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE

N
W E
S

0 2000 Feet
SCALE

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVENUE, SUITE 102, ORANGE, CA 92868

VICINITY MAP

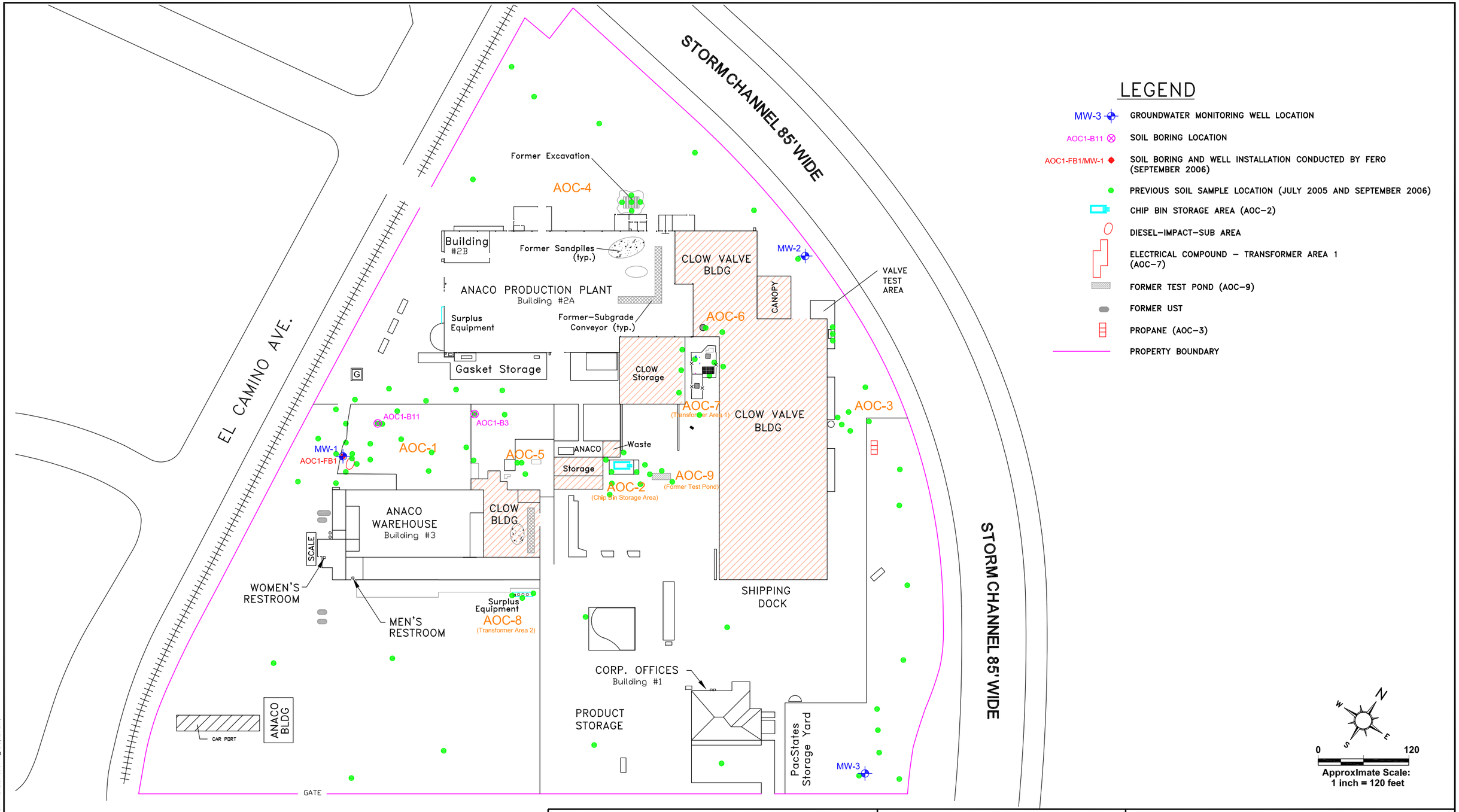
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DCN	JB	12/30/15	1

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE 1375 MAGNOLIA AVENUE, CORONA, CA_VICINITY MAP

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Figure 2

Site Plan



LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

N W E S

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON

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SITE PLAN

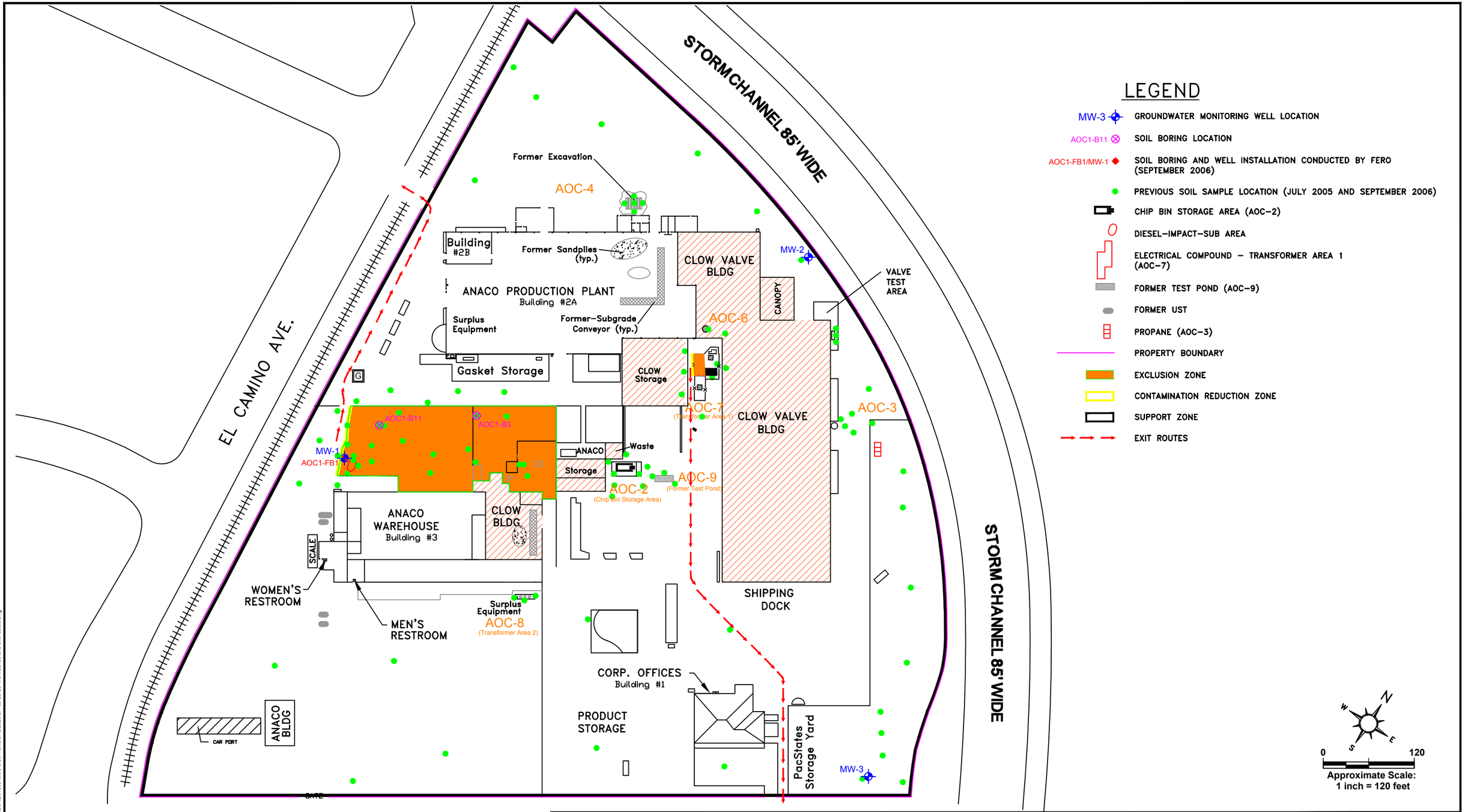
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DCN	JB	09/07/17	2

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09-07-17_F2 SITE PLAN

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Figure 2A

Site Plan with Work Zones and Exit Routes



LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
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- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY
- EXCLUSION ZONE
- CONTAMINATION REDUCTION ZONE
- SUPPORT ZONE
- EXIT ROUTES

N W E S

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
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CORONA, CA 92879

PROJECT NO. 04.20150013.00

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SITE PLAN WITH WORK ZONES AND EXIT ROUTES

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	03/26/20	2A

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Figure 3

Hospital Location Map

8/19/2016 1375 Magnolia Avenue, Corona, CA 92879 to Corona Regional Medical Center - Google Maps

Google Maps 1375 Magnolia Avenue, Corona, CA 92879 to Corona Regional Medical Center Drive 2.4 miles, 8 min



1375 Magnolia Avenue

Corona, CA 92879

Head southwest on Magnolia Ave toward Sherborn St

0.1 mi

Turn right onto El Camino Ave

0.4 mi

Turn left onto E 6th St

1.6 mi

Turn left onto S Main St

0.2 mi

Corona Regional Medical Center

800 South Main Street, Corona, CA 92882

Table 1

Key Personnel and Health & Safety Responsibilities

Project Manager (PM) Jeff Bennett	**Regional H&S Coordinator** Hugh Walker	**Site Safety Officer (SSO)** Lindsey Langer/Jenn McGervey	**Project Field Staff** Lindsey Langer/Jenn McGervey
• Coordinate, approve, implement and manage this HASP and amendments, if any. • Incorporate H&S planning, implementation, and supplies (PPE, decontamination materials) into project plans and budget. • Select and assign responsibility to the SSO to implement HASP. • Monitor the Field Logbooks for health and safety work practices employed. • Coordinate with SSO so that emergency response procedures are implemented, if needed. • Inform CSHM of HASP violations, if any, and verify corrective actions are implemented. • Ensure personnel receive this plan, are aware of its provisions, are aware of the potential hazards associated with site operations, are instructed in safe work practices, are familiar with emergency response procedures and document this information • Coordinate with Client and SSO. • In the event of an incident or other emergency complete & submit appropriate forms and make proper notifications.	• Review and approve HASP; approve any associated amendments. • Evaluate documentation presented of site hazards for HASP preparation. Maintain a final copy of the completed HASP. • Perform periodic audits of documentation of project activities to evaluate general compliance with policies, procedures, directives and guidelines presented in this HASP. • Assist with the implementation of the Corporate Health and Safety Program. • Provide environmental, health and industrial hygiene consultation as needed. • In the event of an emergency, if required set up an incident investigation team and notify applicable outside agencies.	• Be present on-site, as appropriate, with the authority to implement HASP and EarthCon H&S protocols. • Confirm that site personnel meet the training and medical requirements. • Verify that monitoring equipment and personal protective equipment is operating correctly according to manufacturer's instructions and such equipment is utilized by on site personnel. Calibrate or verify calibration of monitoring equipment and record results. • Verify that decontamination procedures are being implemented and Site Control Plan is in place. • Provide and document pre-work briefing and daily tailgate safety meetings, monitor activities for safe work practices and HASP compliance. • Perform routine H&S inspections. Document meetings and inspections. Provide copies to CHSM as requested. • Report to the Project Manager deviations from the anticipated conditions, and authorize the cessation of work if necessary. • Notify the PM and CSHM in the event an emergency occurs, and implement site emergency response and follow-up procedures, provide First Aid, as needed. • Work with PM to verify appropriate notifications and forms are completed for any incident or near miss. • Secure the scene after an emergency until given notification to release the scene by the CHSM.	• Provide verification of required health and safety training and medical surveillance prior to arriving at the site. • Notify the SSO of any special medical conditions (e.g., allergies). • Review, be familiar with and abide by the HASP. • Attend pre-work briefings and daily tailgate safety meetings. • Comply with requests of PM, SSO, and HASP. • Perform work using safe techniques; be responsible for their personal safety. • Immediately report any accidents and/or unsafe conditions to the SSO.

Table 2

Training / Medical Surveillance / Respirator Fit Test Records

Name	*EHS Category*	*Initial 40-Hour*	*Annual 8-Hour Refresher*	*8-Hour Supervisor (if applicable)*	*CPR/ First Aid[1] (initial or refresher)*	*Medical Surveillance[2] (if applicable)*	*Annual Respirator Fit Test[3] (if applicable)*	*Other:[4]*
		Date	***Date***	***Date***	***Date***	***Date***	***Date***	***Date***
Jeff Bennett	I	1990	1/2017	6/1990	1/2016	N/A	N/A	---
Jenn McGervey	I	8/2015	1/2017		1/2016	NA	NA	---
Lindsey Langer	I	8/2019						

Footnotes:

1 CPR Refresher: every year; First Aid Refresher: every three years.
2 Annual Medical Surveillance for EHS Category I.
3 For EHS Categories I & II only.
4 Could include task-specific training, project-specific training, or project-specific medical surveillance.

Table 3

General Safe Work Practices

- Report to work alert and ready to perform assigned duties; no sleeping is allowed at the jobsite.
- Immediately report any unsafe acts, incidents, accidents, or near misses. Utilize Stop Work Authority if needed.
- Minimize contact with excavated or contaminated materials. Do not place equipment on the ground. Do not sit or kneel on potentially contaminated surfaces.
- Smoking, eating, or drinking after entering the work zone and before decontamination is prohibited. Use of illegal drugs and alcohol are prohibited. Workers taking prescribed medication that may cause drowsiness should not be operating heavy equipment, and should be prohibited from performing tasks where Level C, B, or A personal protective equipment is required.
- Practice good housekeeping. Keep everything orderly and out of potentially harmful situations.
- Use of contact lenses on-site shall only be allowed when dictated by working conditions.
- The following conditions must be observed when operating a motor vehicle.
  - Wearing of seat belts is mandatory
  - During periods of rain, fog, or other adverse weather conditions, the use of headlights is mandatory
  - A backup warning system or use of vehicle horn is mandatory when the vehicle is engaged in a backward motion
  - Posted traffic signs and directions from flagmen must be observed
  - Equipment and/or samples transported in vehicles must be secured from movement
  - The use of contractor acquired vehicles by non-contractor personnel is prohibited
  - Daily inspection sheets should be completed by driver and kept with equipment for the duration of the project.
- In an unknown situation, always assume the worst conditions.
- Be observant of your immediate surroundings and the surroundings of others. It is a team effort to notice and warn of impending dangerous situations. Withdrawal from a hazardous situation to reassess procedures is the preferred course of action.
- Conflicting situations may arise concerning safety requirements and working conditions and must be addressed and resolved rapidly by the SSO and PM to relieve any motivations or pressures to circumvent established safety policies.
- Unauthorized breaches of specified safety protocol must not be allowed. Workers unwilling or unable to comply with the established procedures must be removed from the site immediately.

Table 4

Hazard Analysis

Tasks	
① Capping	⑤
② Soil Sampling	⑥
③ Well Installation	⑦
④ GW Sampling	⑧

	①	②	③	④	⑤	⑥		
I. Chemical Hazards								
Fire	X	X	X	X				
Inhalation	X	X	X	X				
Reactivity								
Skin absorption	X	X	X	X				
Cold Stress	X	X	X	X				
Compressed Gas Cylinder								
Drowning								
Drum Handling	X	X	X	X				
Electrocution	X	X	X	X				
Excavation/Trenching			X					
Eye Injury	X	X	X	X				
Hand/Foot Injury	X	X	X	X				
Heat Stress	X	X	X	X				
Heavy Equipment	X		X					
Lifting Heavy Loads	X		X					
Noise	X		X					
Portable Power/Hand Tool	X	X	X	X				
Radiation Exposure								
Slipping/Tripping/Falling	X	X	X	X				
III. Biological Hazards								
Poisonous Plants								
Insect/Vermin/Snake Bites								
Medical Waste								

Instructions: For each task, place an "X" in the blank corresponding to associated hazards.

Table 5

Potential Contaminants of Concern

Contaminant	***IP(eV)***	***REL** (ppm) or **PEL*** (mg/m3)	***IDLH*** (mg/m3)	***LEL/UEL %***	***Flash Point (°F)***	***Routes of Exposure***	***Hazards***	***Medium***[1]	***Maximum Concentration***[2]
Total Dust	--	0.05	--	--	--	--	--	soil/dust	--
PCBs	N/A	PEL – 1.0 TWA	5	N/A	N/A	Skin, Inhalation, Ingestion	C	soil	1,400 mg/kg
Lead	N/A	PEL – 0.05 TWA	100	N/A	N/A	Skin, Inhalation, Ingestion	C	soil	7,360 mg/kg
Cadmium	N/A	PEL - 0.005 TWA	9	N/A	N/A	Skin, Inhalation, Ingestion	C,T	soil	43.9 mg/kg
Arsenic	N/A	PEL - 0.01 TWA	5	N/A	N/A	Skin, Inhalation, Ingestion	C,T	soil	52.90 mg/kg
Diesel	--	REL – 100TWA	--	0.6/6.5	125.6	Skin, Inhalation, Ingestion	F,C,Co	soil	9,300 mg/kg
Gasoline	'--	None cited/300	--	1.4/7.6	-45	Skin, Inhalation, Ingestion	F, C, Co	soil	1,300 mg/kg

-- - none established *IDLH* - immediately dangerous to life and health *R* - reactive *C* - carcinogen *O-Oxidizer*
IP(eV) - ionization potential *PEL* - permissible exposure level *SC* - suspected carcinogen *Co* - corrosive
E- explosive *STEL* - short term exposure level *F* - flammable *NA* - not applicable
P- poison *V* - varies depending on compound mixture ND – Not determined

Footnotes:

[1] Indicate type of medium (i.e. soil, water, sludge, etc.).

[2] Indicate the maximum concentration detected for the contaminant

Table 6

Emergency Response Contacts

Name	*Telephone Numbers*		*Date of Pre-Emergency Notification*
	Office	*Mobile*	
Fire Department	**911**	NA	NA
Hospital – Corona Regional Medical Center	**911** or (951) 737-4343	NA	NA
Police Department	**911**	NA	NA
Site Safety Officer – Lindsey Langer	--	562-322-7934	NA
Project Manager – Jeff Bennett	714-500-5400 ext 5454	714-743-0482	NA
Regional Manager – Larry Lew	281-240-5200 X 2761	713-829-3215	NA
Corp. HR Manager – Glenda Croft	770-973-2100 x2870	NA	NA
Regional Health & Safety Coordinator – Julia Wlson	281-240-5200 X 2705	551-486-4382	NA

NA – Not applicable in general or for the level of hazard at this Site.

WRITTEN DIRECTIONS TO HOSPITAL: (See Figure 3).

1375 Magnolia Avenue

Corona, CA 92879

Head southwest on Magnolia Ave toward Sherborn St

0.1 mi

Turn right onto El Camino Ave

0.4 mi

Turn left onto E 6th St

1.6 mi

Turn left onto S Main St

0.2 mi

Corona Regional Medical Center

800 South Main Street, Corona, CA 92882

Table 7

Emergency Response Procedures

- This plan must be discussed with verbal training for onsite EarthCon employees and subcontractors
- This training should be documented and a copy provided to the CHSM.
- The SSO (or alternate) should be immediately notified via the on-site communication system.
- If applicable, the SSO must notify off-site emergency responders (i.e., fire department, hospital, police department, etc.) and must inform the response team as to the nature and location of the emergency on site.
- If applicable, the SSO evacuates the site. Site workers should move to their respective refuge stations using the evacuation routes provided on the Site Map. SSO must account for all workers associated with the project.
- The SSO notifies the PM, Principal, and the CHSM of the emergency. If an EarthCon employee is injured, the SSO must contact the worker's Regional Manager/Branch Office Manager immediately. If the Regional Manager/Branch Office Manager cannot be contacted, then the Corporate Human Resources Department must be notified.
- For small fires, flames should be extinguished using the fire extinguisher. Large fires should be handled by the local fire department.
- In an unknown situation or if responding to toxic gas emergencies, appropriate PPE, including SCBAs, should be donned.
- If chemicals are accidentally spilled or splashed into eyes or on skin, use eyewash and/or shower.
- Before continuing site operations after an emergency involving toxic gas, the appropriate responder will don a SCBA and utilize appropriate air monitoring equipment to verify that the site is safe.
- An injured worker must be decontaminated appropriately.
- If a worker is injured, first aid will be administered by workers certified in first aid.
- If necessary, the SSO will secure the scene after the response. The scene should not be released until notification from the CHSM.
- After the response, the SSO and /or PM must complete and submit the appropriate incident reports.
- The PM or SSO should secure written /signed witness statements as appropriate, take pictures, etc. immediately and before the end of the shift.
- If an investigation is required, the CHSM and Safety Team will set up a team to start the investigation with input from the DL.
- The CHSM will notify outside agencies as appropriate.

Appendix A

Site Safety Meeting Minutes

Site Name: _____ Contract No. _____

Meeting Location _____

Meeting Date _____ Time _____ Conducted By _____

_____ Pre-Fieldwork Orientation _____ Weekly Site Meeting _____ Other

Subjects Discussed:

Safety Officer Comments:

Name and Signature of Participating Personnel (list company name if subcontractor)

Note: Attach additional pages if necessary. Send this form to the EarthCon Project Manager. Copies will be placed in the appropriate project files.

Appendix B

Safety Data Sheets

Chlorodiphenyl (42% chlorine)

Synonyms & Trade Names

Aroclor® 1242, PCB [Chlorodiphenyl (42% chlorine)], Polychlorinated biphenyl [Chlorodiphenyl (42% chlorine)]

CAS No.

53469-21-9

RTECS No.

TQ1356000

DOT ID & Guide

2315 171

Formula

$C_6H_4ClC_6H_3Cl_2$ (approx)

Conversion

IDLH

Ca [5 mg/m^3]
See: 53469219

Exposure Limits

NIOSH REL

Ca TWA 0.001 mg/m^3 See Appendix A (nengapdxa.html) [*Note: The REL also applies to other PCBs.]

OSHA PEL

TWA 1 mg/m^3 [skin]

Measurement Methods

NIOSH 5503 ;

OSHA PV2089

See: NMAM or OSHA Methods

Physical Description

Colorless to light-colored, viscous liquid with a mild, hydrocarbon odor.

Molecular Weight

258 (approx)

Boiling Point

617-691°F

Freezing Point

-2°F

Solubility

Insoluble

Vapor Pressure

Vapor Pressure
0.001 mmHg

Ionization Potential
?

Specific Gravity
(77°F): 1.39

Flash Point
NA

Upper Exposive Limit
NA

Lower Explosive Limit
NA

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans & chlorinated dibenzo-p-dioxins.

Incompatibilities & Reactivities
Strong oxidizers

Exposure Routes
inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms
irritation eyes; chloracne; liver damage; reproductive effects; [potential occupational carcinogen]

Target Organs
Skin, eyes, liver, reproductive system

Cancer Site
[in animals: tumors of the pituitary gland & liver, leukemia]

Personal Protection/Sanitation
(See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

First Aid
(See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter.

Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also

INTRODUCTION MEDICAL TESTS: 0175

File Formats Help:

How do I view different file formats (PDF, DOC, PPT, MPEG) on this site? (//www.cdc.gov/Other/plugins/)

(//www.cdc.gov/Other/plugins/#pdf)

Page last reviewed: April 11, 2016

Page last updated: April 11, 2016

Content source: National Institute for Occupational Safety and Health (NIOSH) (/niosh/) Education and Information Division

Chlorodiphenyl (54% chlorine)

Synonyms & Trade Names

Aroclor® 1254, PCB [Chlorodiphenyl (54% chlorine)], Polychlorinated biphenyl [Chlorodiphenyl (54% chlorine)]

CAS No.

11097-69-1

RTECS No.

TQ1360000

DOT ID & Guide

2315 171

Formula

$C_6H_3Cl_2C_6H_2Cl_3$ (approx)

Conversion

IDLH

Ca [5 mg/m^3]
See: IDLH INDEX

Exposure Limits

NIOSH REL

Ca TWA 0.001 mg/m^3 See Appendix A (nengapdxa.html) [*Note: The REL also applies to other PCBs.]

OSHA PEL

TWA 0.5 mg/m^3 [skin]

Measurement Methods

NIOSH 5503 ;

OSHA PV2088

See: NMAM or OSHA Methods

Physical Description

Colorless to pale-yellow, viscous liquid or solid (below 50°F) with a mild, hydrocarbon odor.

Molecular Weight

326 (approx)

Boiling Point

689-734°F

Freezing Point

50°F

Solubility

Insoluble

Vapor Pressure

Vapor Pressure
0.00006 mmHg

Ionization Potential
?

Specific Gravity
(77°F): 1.38

Flash Point
NA

Upper Exposive Limit
NA

Lower Explosive Limit
NA

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans, and chlorinated dibenzo-p-dioxins.

Incompatibilities & Reactivities
Strong oxidizers

Exposure Routes
inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms
irritation eyes, chloracne; liver damage; reproductive effects; [potential occupational carcinogen]

Target Organs
Skin, eyes, liver, reproductive system

Cancer Site
[in animals: tumors of the pituitary gland & liver, leukemia]

Personal Protection/Sanitation
(See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

First Aid
(See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter.

Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also

INTRODUCTION ICSC CARD: 0939 MEDICAL TESTS: 0176

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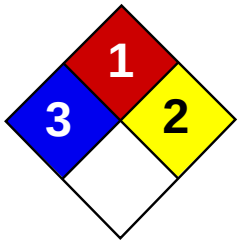
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Health	3
Fire	1
Reactivity	2
Personal Protection	E

Material Safety Data Sheet
Arsenic MSDS

Section 1: Chemical Product and Company Identification

Product Name: Arsenic

Catalog Codes: SLA1006

CAS#: 7440-38-2

RTECS: CG0525000

TSCA: TSCA 8(b) inventory: Arsenic

CI#: Not applicable.

Synonym:

Chemical Name: Arsenic

Chemical Formula: As

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Arsenic	7440-38-2	100

Toxicological Data on Ingredients: Arsenic: ORAL (LD50): Acute: 763 mg/kg [Rat]. 145 mg/kg [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant).

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, lungs, the nervous system, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Flammable in presence of open flames and sparks, of heat, of oxidizing materials.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Material in powder form, capable of creating a dust explosion. When heated to decomposition it emits highly toxic fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable

protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids, moisture.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.01 from ACGIH (TLV) [United States] [1995] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Lustrous solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 74.92 g/mole

Color: Silvery.

pH (1% soln/water): Not applicable.

Boiling Point: Not available.

Melting Point: Sublimation temperature: 615°C (1139°F)

Critical Temperature: Not available.

Specific Gravity: 5.72 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents, acids, moisture.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 145 mg/kg [Mouse].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH. Causes damage to the following organs: kidneys, lungs, the nervous system, mucous membranes.

Other Toxic Effects on Humans:
Very hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 6.1: Poisonous material.

Identification: : Arsenic UNNA: UN1558 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Arsenic California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Arsenic Pennsylvania RTK: Arsenic Massachusetts RTK: Arsenic TSCA 8(b) inventory: Arsenic

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R22- Harmful if swallowed. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 1

Reactivity: 2

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Reactivity: 2

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

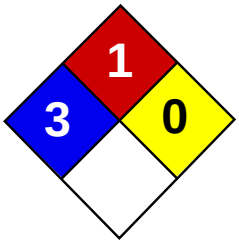
References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. -Liste des produits purs tératogènes, mutagènes, cancérogènes. Répertoire toxicologique de la Commission de la Santé et de la Sécurité du Travail du Québec. -Material safety data sheet emitted by: la Commission de la Santé et de la Sécurité du Travail du Québec. -SAX, N.I. Dangerous Properties of Indutrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Guide de la loi et du règlement sur le transport des marchandises dangeureuses au canada. Centre de conformité internatinal Ltée. 1986.

Other Special Considerations: Not available.

Created: 10/09/2005 04:16 PM

Last Updated: 05/21/2013 12:00 PM

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Health	3
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Cadmium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Cadmium

Catalog Codes: SLC3484, SLC5272, SLC2482

CAS#: 7440-43-9

RTECS: EU9800000

TSCA: TSCA 8(b) inventory: Cadmium

CI#: Not applicable.

Synonym:

Chemical Name: Cadmium

Chemical Formula: Cd

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Cadmium	7440-43-9	100

Toxicological Data on Ingredients: Cadmium: ORAL (LD50): Acute: 2330 mg/kg [Rat.]. 890 mg/kg [Mouse]. DUST (LC50): Acute: 50 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant). Severe over-exposure can result in death.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Reasonably anticipated.) by NTP. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, lungs, liver. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact: No known effect on eye contact, rinse with water for a few minutes.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 570°C (1058°F)

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances:
Non-flammable in presence of open flames and sparks, of heat, of oxidizing materials, of reducing materials, of combustible materials, of moisture.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Material in powder form, capable of creating a dust explosion. When heated to decomposition it emits toxic fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Highly toxic or infectious materials should be stored in a separate locked safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.01 (ppm) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Lustrous solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 112.4 g/mole

Color: Silvery.

pH (1% soln/water): Not applicable.

Boiling Point: 765°C (1409°F)

Melting Point: 320.9°C (609.6°F)

Critical Temperature: Not available.

Specific Gravity: 8.64 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not considered to be corrosive for metals and glass.

Special Remarks on Reactivity: Reacts violently with potassium.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 890 mg/kg [Mouse]. Acute toxicity of the dust (LC50): 229.9 mg/m3 4 hour(s) [Rat].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Reasonably anticipated.) by NTP. The substance is toxic to kidneys, lungs, liver.

Other Toxic Effects on Humans:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: An allergen. 0047 Animal: embryotoxic, passes through the placental barrier.

Special Remarks on other Toxic Effects on Humans: May cause allergic reactions, exzema and/or dehydration of the skin.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification:

Identification:

Special Provisions for Transport:

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Cadmium California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Cadmium Pennsylvania RTK: Cadmium Massachusetts RTK: Cadmium TSCA 8(b) inventory: Cadmium SARA 313 toxic chemical notification and release reporting: Cadmium CERCLA: Hazardous substances.: Cadmium

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R26- Very toxic by inhalation. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. -Liste des produits purs tératogènes, mutagènes, cancérogènes. Répertoire toxicologique de la Commission de la Santé et de la Sécurité du Travail du Québec. -Material safety data sheet emitted by: la Commission de la Santé et de la Sécurité du Travail du Québec. -SAX, N.I. Dangerous Properties of Indutrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Guide de la loi et du règlement sur le transport des marchandises dangeureuses au canada. Centre de conformité internatinal Ltée. 1986.

Other Special Considerations: Not available.

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Gasoline

Synonyms & Trade Names

Motor fuel, Motor spirits, Natural gasoline, Petrol [Note: A complex mixture of volatile hydrocarbons (paraffins, cycloparaffins, and aromatics).]

CAS No.

8006-61-9

RTECS No.

LX3300000

DOT ID & Guide

1203 128

Formula

Conversion

1 ppm = 4.5 mg/m^3 (approx)

IDLH

Ca [N.D.]
See: IDLH INDEX

Exposure Limits

NIOSH REL

Ca See Appendix A (nengapdxa.html)

OSHA PEL

none See Appendix G (nengapdxg.html)

Measurement Methods

OSHA PV2028

See: NMAM or OSHA Methods

Physical Description

Clear liquid with a characteristic odor.

Molecular Weight

110 (approx)

Boiling Point

102°F

Freezing Point

?

Solubility

Insoluble

Vapor Pressure

Vapor Pressure
38-300 mmHg

Ionization Potential
?

Specific Gravity
(60°F): 0.72-0.76

Flash Point
-45°F

Upper Exposive Limit
7.6%

Lower Explosive Limit
1.4%

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities
Strong oxidizers such as peroxides, nitric acid & perchlorates

Exposure Routes
inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms
irritation eyes, skin, mucous membrane; dermatitis; headache, lassitude (weakness, exhaustion), blurred vision, dizziness, slurred speech, confusion, convulsions; chemical pneumonitis (aspiration liquid); possible liver, kidney damage; [potential occupational carcinogen]

Target Organs
Eyes, skin, respiratory system, central nervous system, liver, kidneys

Cancer Site
[in animals: liver & kidney cancer]

Personal Protection/Sanitation
(See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: No recommendation
Provide: Eyewash, Quick drench

First Aid
(See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap flush immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also

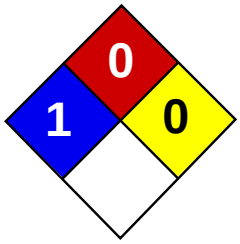
INTRODUCTION

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Personal Protection	E

Material Safety Data Sheet
Lead MSDS

Section 1: Chemical Product and Company Identification

Product Name: Lead

Catalog Codes: SLL1291, SLL1669, SLL1081, SLL1459, SLL1834

CAS#: 7439-92-1

RTECS: OF7525000

TSCA: TSCA 8(b) inventory: Lead

CI#: Not available.

Synonym: Lead Metal, granular; Lead Metal, foil; Lead Metal, sheet; Lead Metal, shot

Chemical Name: Lead

Chemical Formula: Pb

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Lead	7439-92-1	100

Toxicological Data on Ingredients: Lead LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
Slightly hazardous in case of skin contact (permeator). CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, kidneys, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Non-flammable in presence of open flames and sparks, of shocks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: When heated to decomposition it emits highly toxic fumes of lead.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable

protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.05 (mg/m3) from ACGIH (TLV) [United States] TWA: 0.05 (mg/m3) from OSHA (PEL) [United States] TWA: 0.03 (mg/m3) from NIOSH [United States] TWA: 0.05 (mg/m3) [Canada]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Metal solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 207.21 g/mole

Color: Bluish-white. Silvery. Gray

pH (1% soln/water): Not applicable.

Boiling Point: 1740°C (3164°F)

Melting Point: 327.43°C (621.4°F)

Critical Temperature: Not available.

Specific Gravity: 11.3 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials, excess heat

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Can react vigorously with oxidizing materials. Incompatible with sodium carbide, chlorine trifluoride, trioxane + hydrogen peroxide, ammonium nitrate, sodium azide, disodium acetylide, sodium acetylide, hot concentrated nitric acid, hot concentrated hydrochloric acid, hot concentrated sulfuric acid, zirconium.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. May cause damage to the following organs: blood, kidneys, central nervous system (CNS).

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:
Acute Potential: Skin: Lead metal granules or dust: May cause skin irritation by mechanical action. Lead metal foil, shot or sheets: Not likely to cause skin irritation Eyes: Lead metal granules or dust: Can irritate eyes by mechanical action. Lead metal foil, shot or sheets: No hazard. Will not cause eye irritation. Inhalation: In an industrial setting, exposure to lead mainly occurs from inhalation of dust or fumes. Lead dust or fumes: Can irritate the upper respiratory tract (nose, throat) as well as the bronchi and lungsby mechanical action. Lead dust can be absorbed through the respiratory system. However, inhaled lead does not accumulate in the lungs. All of an inhaled dose is eventually abssorbed or transferred to the gastrointestinal tract. Inhalation effects of exposure to fumes or dust of inorganic lead may not develop quickly. Symptoms may include metallic taste, chest pain, decreased physical fitness, fatigue, sleep disturbance, headache, irritability, reduces memory, mood and personality changes, aching bones and muscles, constipation, abdominal pains, decreasing appetite. Inhalation of large amounts may lead to ataxia, deliriuim, convulsions/seizures, coma, and death. Lead metal foil, shot, or sheets: Not an inhalation hazard unless metal is heated. If metal is heated, fumes will be released. Inhalation of these fumes may cause "fume metal fever", which is characterized by flu-like symptoms. Symptoms may include metallic taste, fever, nausea, vomiting, chills, cough, weakness, chest pain, generalized muscle pain/aches, and increased white blood cell count. Ingestion: Lead metal granules or dust: The symptoms of lead poisoning include abdominal pain or cramps (lead cholic), spasms, nausea, vomiting, headache, muscle weakness, hallucinations, distorted perceptions, "lead line" on the gums, metallic taste, loss of appetite, insomnia, dizziness and other symptoms similar to that of inhalation. Acute poisoning may result in high lead levels in the blood and urine, shock, coma and death in extreme cases. Lead metal foil, shot or sheets: Not an ingestion hazard for usual industrial handling.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Lead California prop. 65 (no significant risk level): Lead: 0.0005 mg/day (value) California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Lead Connecticut hazardous material survey.: Lead Illinois toxic substances disclosure to employee act: Lead Illinois chemical safety act: Lead New York release reporting list: Lead Rhode Island RTK hazardous substances: Lead Pennsylvania RTK: Lead

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R20/22- Harmful by inhalation and if swallowed. R33- Danger of cumulative effects. R61- May cause harm to the unborn child. R62- Possible risk of impaired fertility. S36/37- Wear suitable protective clothing and gloves. S44- If you feel unwell, seek medical advice (show the label when possible). S53- Avoid exposure - obtain special instructions before use.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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Appendix C

Chemical Information Directory

Included in HASP	*Chemical Name*	*Synonyms*
	Acetone	Dimethyl Ketone; Ketone propane; 2-Propanone
	Aldrin	HHDN; Octalene
	Aniline	Aminobenzene; Aniline Oil; Benzeneamine
X	Arsenic	Arsenic metal; Arsenia
	Barium	Barium metal
	Benzene	Benzol; Phenyl hydride
	Bis(2-ethylhexyl)phthalate	Di(2-ethylhexyl)phthalate
X	Cadmium	Cadmium metal
	Carbon disulfide	Carbon bisulfide
	Chlorobenzene	Benzene chloride; Chlorobenzyl; MCB; Phenyl chloride
	Chloroethane	Ethyl chloride
	Chloroform	Methane trichloride; Trichloromethane
	Chromic Acid	Chromic anhydride; Chromium trioxide
	Chromium	Chromium metal
	Cobalt	Cobalt metal dust, cobalt metal fume
	Copper	Copper metal dusts; Copper metal mists
	Cyanide	Cyanide
	Cyclohexane	Benzene Hexahydride; hexamethylene
	Dieldrin	Dieldrin
	DIPE	Diisopropyl ether
	Dioxin	Dioxin
	1,2-Dichlorobenzene	O-DCB; Orthodichlorobenzene
	1,1-Dichloroethane	Ethylidene chloride
	1,2-Dichloroethane	Ethylene dichloride; Glycol dichloride
	1,1-Dichloroethylene	1,1-Dichloroethene, vinylidene chloride
	1,2-Dichloroethylene	1,2-Dichloroethene; (cis, trans, or sym-) Acetylene dichloride
	1,2-Dichloropropane	Propylene dichloride; Dichloro-1,2-propane
	2,4-Dinitrotoluene	Dinitrotoluene; DNT; Methyldinitrobenzene
	1,4-Dioxane	Dioxane, Diethylene dioxide, Diethylene ether

Appendix C

Chemical Information Directory
(continued)

Included in HASP	*Chemical Name*	*Synonyms*
	Ethylbenzene	Ethylbenzol; Phenylethane
	ETBE	Ethyl tert-butyl ether
	Ethylene Dibromide	EDB; 1,2-Dibromoethane, Ethylene bromide, Glycol dibromide
	Formaldehyde	Methanal; Methyl aldehyde; Methylene oxide
X	Gasoline& Diesel	Motor fuel; Motor spirits; Natural gasoline; Petrol
	Motor oil	Motor oil
	Hexachloroethane	Carbon hexachloride; Ethane hexachloride; Perchloroethane
	Hydrochloric Acid	Anhydrous hydrogen chloride; Aqueous hydrogen chloride; Muriatic acid
	Hydrogen Sulfide	Hydrosulfuric acid; Sewer gas; Sulfuretted hydrogen
	Iron	Iron
	Isophorone	Isoacetophorone; 3,5,5-Trimethyl 2- cyclohexenone
	Isopropanol	Isopropyl alcohol; IPA; 2-Propanol
X	Lead (inorganic)	Lead metal
	Manganese	Manganese
	MTBE	Methyl Tert Butyl Ether
	Mercury	Colloidal mercury; Metallic mercury; Quicksilver
	Methane	Fire damp; March gas; Methyl hydride
	Methanol	Carbinol; Columbian spirits; Pyroligneous spirit; Wood alcohol; Wood naphtha; Wood spirit
	Methoxyclor	p,p-Dimethoxydiphenyl/trichlorethane; DMDY
	Methyl chloroform	1,1,1-Trichloroethane
	Methylcyclohexane	Cyclohexylmethane; Hexahydrotoluene
	Methylene chloride	Dichloromethane; Methylene Dichloride
	Naphthalene	Naphthalin; Tar Camphor; White Tar
	Nickel	Nickel catalyst

Appendix C

Chemical Information Directory
(continued)

Included in HASP	*Chemical Name*	*Synonyms*
	Nitrobenzene	Essence of mirbane; Nitrobenzol; Oil of mirbane
	PAHs	Poly Aromatic Hydrocarbons
	Pentachlorophenol	PCP; Penta; 2,3,4,5,6-Pentachlorophenol
	Phenol	Carbonic acid; Hydroxybenzene; Monohydroxybenzene; Phenol alcohol; Phenyl hydroxide
	Phosgene	Carbonyl chloride; Carbon oxychloride; Chloroformyl chloride
X	Polychlorinated biphenyls (54%)	PCBs; Chlorodiphenyl
	Sodium bisulfate	
	Synergist-D	Proprietary product
	Silver	Silver metal; Argentum
	TAME	Tertiary-amyl methyl ether
	TBA	Tert butyl alchol
	Tetrachloroethylene	Tetrachloroethylene; Perchlorethylene; Perk
	Toluene	Methyl benzene; Methyl benzol
	Toxaphene	Chlorinated camphene
	1,1,2-Trichloroethane	Ethane trichloride; B-Trichloroethane; Vinyl trichloride
	1,2,4-Trichlorobenzene	Trichlorobenzene; 1,2,4-Trichlorobenzel
	Trichloroethene	Trichloroethylene; TCE
	Trichlorofluoromethane	Fluorotrichloromethane; Freon II
	Trichlorotrifluoroethane	Freon 113; 1,1,2-Trichloro-1,2,2-trifluoroethane; CFC-113
	1,2,3-Trichloropropane	Allyl trichloride, Glycerol trichorohydrin, Glyceryl trichlorohydrin; Trichlorohydrin
	1,2,3-Trimethylbenzene	Hemellitol
	1,2,4-Trimethylbenzene	psi-Cumene; Pseudocumene
	1,3,5-Trimethylbenzene	Mesitylene; sym-Trimethylbenzene
	Vinyl chloride	Chloroethene; VC; VCM
	Xylene (Mixed Isomers)	o-xylene; p-xylene; m-xylene

Appendix D

Hazard Mitigators Directory

Included in HASP	*Hazards*
X	Fire
X	Inhalation
	Reactivity
X	Skin Absorption
Physical Hazards	
	Compressed Gas Cylinder
X	Drilling
	Drowning
X	Drum Handling
X	Electrocution
X	Excavation/Trenching
X	Eye Injury
X	Hand/Foot Injury
X	Heat Stress
X	Cold Stress
X	Heavy Equipment
X	Lifting Heavy Loads
X	Noise
X	Portable Power/Hand Tool
	Radiation Exposure
X	Slipping/Tripping/Falling
	Allergic Reaction to Poisonous Plants
	Insect/Vermin/Snake Bites
	Medical Waste

* All members of the drilling crews shall be trained in the safety features and procedures to be utilized during operation, inspection, and maintenance of the equipment.
* Conduct a survey, prior to bringing drilling equipment to the job site, to identify overhead electrical hazards, potential subsurface hazards, and terrain hazard. Once on-site, before drilling equipment is moved, the travel route shall again be visually surveyed for overhead and terrain hazards.
* Use only drilling equipment equipped with two easily accessible emergency shutdown devices, one for the operator and one for the helper.
* Do not transport drilling equipment with the mast in the upward position.
* Set up equipment on stable ground. Cribbing (a system of timbers, arranged in a rectangular pattern, used to support and distribute the weight of the equipment) shall be used when necessary.
* Extend outriggers per the manufacturer's specifications.
* Monitor weather conditions. Operations shall cease during electrical storms or when electrical storms are imminent.
* Wearing of loose clothing or equipment is not permitted.
* Use auger guides on hard surfaces.
* Verbally alert employees and visually ensure employees are clear from dangerous parts of equipment prior to starting or engaging equipment.
* Channel the discharge of drilling fluids away from the work area to prevent the pooling of water.
* Use hoists only for their designed intent. Hoists shall not be loaded beyond their rated capacity. Steps shall be taken to prevent two-blocking of hoists (the condition when the lower load block or hook assembly comes in contact with the upper load block, or when the load block comes in contact with the boom tip).
* Follow the equipment manufacturer's procedures if ropes become caught in, or objects are pulled into a cathead.

* Do not run or rotate drill rods through rod slipping devices. No more than one foot of drill rod column shall be hoisted above the top of the drill mast. Drill rod tool joints shall not be made up, tightened, or loosened while the rod column is supported by a rod slipping device.
* Control dust using dust suppression techniques.
* Clean augers only when the rotating mechanism is in neutral and the auger is stopped. Tools such as long handled shovels shall be used to remove cuttings from the auger.
* Cap and flag open boreholes; open excavations shall be barricaded.
* Keep all hand tool used during drilling operations clean and in good working condition.
* Wear hard hats and steel-toed boots at all times when performing drilling operations.
* Wear hearing protection when required.

During Geoprobe drilling

- Pay close attention to acetate sampling sleeves; can cause minor cuts when they become jiggered
- Probes /rods can have pinch points; take care when removing or adjusting.
- There will be noise so use hearing protections

- Be aware of the potential hazards of the contents of drums or containers before handling.
- Inspect the integrity of the drum or container before moving. Any drum or container lacking integrity shall be over packed.
- Consider any unlabeled drum or container as containing a hazardous substance and leave alone until contents are properly identified and labeled.
- Organize site operations to minimize the amount of drum or container movement.
- Never stand on drums or containers.
- Know that bulging drums or containers are an indication of pressure build-up. Pressure can be relieved slowly by carefully loosening the bung. If the possibility of fire or explosion exists, protective shield and/or remote opening devices should be used.
- Utilize drum/container handling equipment whenever possible. The equipment utilized should have a sufficiently rated load capacity, and should be able to operate smoothly on the available surface.
- Use proper lifting and moving techniques to prevent back injuries, if handling equipment is not available.
- Have a clear view of the available pathway when moving drums. If needed, an additional person should be available to provide guidance.
- Set up drum/container staging areas to safely identify and classify contents for proper shipment. Staging areas shall be provided with adequate ingress and egress routes.
- Label and identify drums and containers as to their contents when moved to the staging areas.
- Cease all site operations immediately if site activities uncover buried drums or containers. The SSO must be notified. The SSO will evacuate the site. All unknown situations must be evaluated before site activities are resumed. The services of a specialized contractor trained in handling unknown contaminants may be needed. If, after evaluating the situation, only a portion of the site is affected, that
- Use only drums and containers that meet the appropriate DOT, OSHA, and EPA regulations.

- When scheduling or work conditions necessitate leaving excavations open overnight, security fencing will be erected to restrict access to the site or work zones. An exclusion zone, contamination reduction zone and support zone will be identified for each soil disturbance site, as described in Section 2.4.5.

- Underground Service Alert must be notified of subsurface work at a minimum of 48 hours prior to the commencement of field activities.

- As part of the on-site health and safety meeting, a Site walk with the operators will be conducted to identify work locations (locations shown on the work plan/site plan will be in areas free of utilities/subsurface structures). Mark outs of all utilities will be verified.

- If pea-gravel is encountered while excavating all work must stop and the SSO will be contacted for further instruction. Pea-gravel is a potential indication of underground storage tank(s) or utility bedding/backfilling material.

- If any utility/subsurface feature is hit or damaged the SSO will be IMMEDIATELY contacted for further instruction. If the SSO cannot be reached contact the Project Manager for further instruction.

* A minimum clearance of 12 feet (radius) will be maintained between heavy equipment (i.e., drill rig) and any overhead power lines, regardless of voltage.
* Before subsurface work, a utilities search for underground lines will occur and will be documented.
* Installation and maintenance of electrical facilities or equipment must only be performed by qualified and properly authorized personnel or electrical subcontractors. Apprentice personnel permitted to work on electrical equipment shall be under the surveillance of a fully qualified electrician.
* Electricians shall be familiar with the National Electrical Code; state and local electric codes; OSHA standards, including 29 CFR 1926, Subpart K; and applicable sections of the National Fire Protection Association Codes.
* When working on energized circuits of 440 volts or higher, at least one qualified electrician and one other employee shall be present.
* Do not wear rings, watches or metallic objects that could act as conductors when working with electrical circuits.
* Do not use metal ladders and un-insulated tools while working with electrical circuits and equipment.
* Follow the company Lock-out/Tag-out procedures when applicable. Electrical equipment and lines shall always be considered “energized” until proven “de-energized”. Before beginning work, each electrical circuit shall be inspected, tested, and where possible, isolated from the power source. Extreme care shall be exercised as wires designed to operate at ground potential may become energized by faulty or inadequate connections.
* Use only approved grounding equipment as a ground for electrical equipment. Metal frames on electricity powered equipment, electrical facilities, and transmission equipment shall be connected to the grounding system. Alternative grounding systems complying with applicable electrical codes may be used for temporary portable equipment.
* Protect electrical wires with suitable protective conduits or devices where they are exposed to possible damage.
* Connect grounding devices to a ground before contacting any conductor of a circuit. When grounding devices are removed, they shall be disconnected from the circuit before being disconnected from ground.
* Equip all portable extension cords with a non-conducting plug and/or another socket shell. All electrical cords shall be equipped with three-blade grounding type plugs.

* Use only heavy duty electrical cords that are not subjected to excessive bending, stretching, or kicking. All cords and wires shall be frequently inspected for signs of defects. Damaged or frayed electrical wires, cords, and plugs shall be immediately replaced by a qualified electrician or other properly trained personnel.
* Install adequate warning signs and barriers (in plain sight) in all areas where hazardous electrical facilities exist.
* Do not permit overloading of electrical circuits at any time. The replacement of fuses or circuit breakers with makeshift materials or over-capacity fuses is strictly prohibited.
* The type of circuit shall determine the type of protective equipment required. Rubber gloves, sleeves, blankets, mats, and insulated platforms shall be used as required. Questions regarding PPE should be directed to the SSO.
* Inspect all insulated protective equipment continuously for defects or damages. Any defective equipment shall be replaced before using.
* Establish and enforce testing schedules for insulation qualities for protective equipment. All users shall verify that equipment has been satisfactorily tested prior to use.

* Wear appropriate eye protection according to the task at hand (e.g., goggles if liquid splash could occur, welding lenses, etc.).

* Minimize the amount of vapor or particulate matter generated, if possible.

* Avoid touching the face and eyes.

* Flush eye with water for at least 15 minutes if chemicals do get into the eye.

* Be aware of “pinch points” when working with tools and heavy equipment.
* Use proper lifting techniques to avoid dropping heavy loads on hands and feet.
* Be aware of moving machinery and heavy equipment in the work area.
* Wear protective gloves as required in the Health and Safety Plan.
* Wear steel-toed boots as required in the Health and Safety Plan.

Fatal exposures to cold among workers have almost always resulted from accidental exposures involving failure to escape from low environmental air temperatures or from immersion in low temperature water. The single most important aspect of life-threatening hypothermia is the fall in the deep core temperature of the body. Workers should be protected from exposure to cold so that the deep core temperature does not fall below 96.8°F; lower body temperatures will very likely result in reduced mental alertness, reduction in rational decision making, or loss of consciousness with the threat of fatal consequences. Pain in the extremities may be the first early warning of danger to cold stress. During exposure to cold, maximum severe shivering develops when the body temperature has fallen to 95°F. This must be taken as a sign of danger to the workers and exposure to cold should be immediately terminated for any workers when severe shivering becomes evident. Since prolonged exposure to cold air, or to immersion in cold water, at temperatures well above freezing can lead to dangerous hypothermia, whole body protection must be provided.

Adequate insulating dry clothing to maintain core temperatures above 96.8°F must be provided to workers if work is performed in air temperatures below 40°F. Wind chill cooling rate must also be considered when determining protective clothing. The equivalent chill temperature should be used when estimating the combined cooling effect of wind and low air temperatures on exposed skin or when determining clothing insulation requirements to maintain the deep body core temperature.

Unless there are unusual or extenuating circumstances, cold injury to other than hands, feet, and head is not likely to occur without the development of the initial signs of hypothermia. Older workers or workers with circulatory problems require special precautionary protection against cold injury. The use of extra insulating clothing and/or a reduction in the duration of the exposure period are among the special precautions which should be considered.

Workers handling evaporative liquid (gasoline, alcohol, or cleaning fluids) at air temperatures below 39.2°F should take special precautions to avoid soaking of clothing or gloves with the liquids because of the added danger of cold injury due to evaporative cooling. Special note should be taken of the particularly acute effects of splashes of “cryogenic fluids” or those liquids and gases with a boiling point that is just above ambient temperature.

Heat stress is a medical condition where a worker exerts energy above his body's ability to adapt to the stress. Malfunctioning or overload of the body's temperature and sweat mechanisms results in heat stress. Poor adaptation to heat may lead to heat cramps, heat exhaustion, or heat stroke. There are three primary causes of heat stress: insufficient water intake; insufficient salt intake; and a deficiency in the production of sweat, the evaporation of which helps to cool the body naturally. Heat stress or heat exhaustion can result in a more life-threatening condition called heat stroke, which is an overexposure to extreme heat, where the body can no longer provide natural regulation of heat. The body overheats and core temperatures may reach 107F which can result in a coma and death

Field team members shall be observed for signs and symptoms of heat stress that include: confusion, dizziness, profuse sweating, skin color change, increased heart rate and vision problems. Personnel who exhibit any of these symptoms shall be removed from field work and requested to consume two to four pints of electrolyte fluid or cool water every hour while resting in a shaded area. The individual should not return to work until the symptoms are no longer recognizable. If symptoms appear critical, persist, or get worse, seek immediate medical attention.

To control the potential occurrence of heat stress, preventive measures will be evaluated and implemented on a daily basis. These measures may include:

- Frequent rest periods;
- Inducement of fluids (e.g., water, Gatorade, etc.) at a rate of one-half to one cup of cool (55ºF) water every 20 minutes of the workday; and
- Periodic cooling of personnel (e.g., via shaded areas, hose-downs with water, etc.).
- Sensitive personnel should wear sunscreen containing a minimum Sun Protection Factor of 15 when working outdoors in the sun. Sunscreen lotion should be applied prior to entering the work zones.



ainst heat, sun exposure, and other hazards. Employers and employees should know the potential hazards in their workplaces and how to manage them.

Sun

Sunlight contains ultraviolet (UV) radiation, which causes premature aging of the skin, wrinkles, cataracts, and skin cancer. There are no safe UV rays or safe suntans. Be especially careful in the sun if you burn easily, spend a lot of time outdoors, or have any of the following physical features: numerous, irregular, or large moles; freckles; fair skin; or blond, red, or light brown hair. Here's how to block those harmful rays:

- Cover up. Wear loose-fitting, long-sleeved shirts and long pants.
- Use sunscreen with a sun protection factor (SPF) of at least 30. Be sure to follow application directions on the bottle or tube.
- Wear a hat. A wide brim hat, not a baseball cap, works best because it protects the neck, ears, eyes, forehead, nose, and scalp.
- Wear UV-absorbent sunglasses (eye protection). Sunglasses don't have to be expensive, but they should block 99 to 100 percent of UVA and UVB radiation. Before you buy sunglasses, read the product tag or label.
- Limit exposure. UV rays are most intense between 10 a.m. and 4 p.m.

OSHA Card—Protecting Yourself in the Sun
www.osha.gov/Publications/osha3166.pdf

Heat

The combination of heat and humidity can be a serious health threat during the summer months. If you work outside (for example, at a beach resort, on a farm, at a construction site) or in a kitchen, laundry, or bakery you may be at increased risk for heat-related illness. So, take precautions. Here's how:

- Drink small amounts of water frequently.
- Wear light-colored, loose-fitting, breathable clothing—cotton is good.
- Take frequent short breaks in cool shade.
- Eat smaller meals before work activity.
- Avoid caffeine and alcohol or large amounts of sugar.
- Work in the shade.
- Find out from your health care provider if your medications and heat don't mix.
- Know that equipment such as respirators or work suits can increase heat stress.

There are three kinds of major heat-related disorders—heat cramps, heat exhaustion and heat stroke. You need to know how to recognize each one and what first aid treatment is necessary.

OSHA Heat Stress Fact Sheet:
www.osha.gov/OshDoc/data_Hurricane_Facts/heat_stress.pdf

OSHA Heat Stress Quick Card:
www.osha.gov/Publications/osha3154.pdf

Lyme Disease/Tick-Borne Diseases

These illnesses (i.e., Rocky Mountain spotted fever) are transmitted to people by bacteria from bites of infected deer (blacklegged) ticks. In the case of Lyme disease, most, but not all, victims will develop a "bulls-eye" rash. Other signs and symptoms may be non-specific and similar to flu-like symptoms such as fever, lymph node swelling, neck stiffness, generalized fatigue, headaches, migrating joint aches, or muscle aches. You are at increased risk if your work outdoors involves construction, landscaping, forestry, brush clearing, land surveying, farming, railroads, oil fields, utility lines, or park and wildlife management. Protect yourself with these precautions:

- Wear light-colored clothes to see ticks more easily.

- Wear long sleeves; tuck pant legs into socks or boots.
- Wear high boots or closed shoes that cover your feet completely.
- Wear a hat.
- Use tick repellants, but not on your face.
- Shower after work. Wash and dry your work clothes at high temperature.
- Examine your body for ticks after work. Remove any attached ticks promptly and carefully with fine-tipped tweezers by gripping the tick. Do not use petroleum jelly, a hot match, or nail polish to remove the tick.

OSHA Lyme Disease Fact Sheet: www.osha.gov/OshDoc/data_LymeFacts/lymefac.pdf

West Nile Virus

West Nile virus is transmitted by the bite of an infected mosquito. Mild symptoms include fever, headache, and body aches, occasionally with a skin rash on the trunk of the body and swollen lymph glands. Symptoms of severe infection include headache, high fever, neck stiffness, stupor, disorientation, coma, tremors, convulsions, muscle weakness, and paralysis. You can protect yourself from mosquito bites in these ways:

- Apply Picaridin or insect repellent with DEET to exposed skin.
- Spray clothing with repellents containing DEET or permethrin. (Note: Do not spray permethrin directly onto exposed skin.)
- Wear long sleeves, long pants, and socks.
- Be extra vigilant at dusk and dawn when mosquitoes are most active.
- Get rid of sources of standing water (used tires, buckets) to reduce or eliminate mosquito breeding areas.

OSHA West Nile Virus Fact Sheet: www.osha.gov/OshDoc/data_Hurricane_Facts/west_nile_virus.pdf

OSHA Safety and Health Information Bulletin: "Workplace Precautions Against West Nile Virus"

http://www.osha.gov/dts/shib/shib082903b.pdf

Poison Ivy-Related Plants

Poison ivy, poison oak and poison sumac have poisonous sap (urushiol) in their roots, stems, leaves and fruits. The urushiol may be deposited on the skin by direct contact with the plant or by contact with contaminated objects, such as clothing, shoes, tools, and animals.

Approximately 85 percent of the general population will develop an allergy if exposed to poison ivy, oak or sumac. Forestry workers and firefighters who battle forest fires have developed rashes or lung irritations from inhaling the smoke of burning plants.

- Wear long-sleeved shirts and long pants, tucked into boots. Wear cloth or leather gloves.
- Apply barrier creams to exposed skin.
- Educate workers on the identification of poison ivy, oak, and sumac plants.
- Educate workers on signs and symptoms of contact with poisonous ivy, oak, and sumac.
- Keep rubbing alcohol accessible. It removes the oily resin up to 30 minutes after exposure.

OSHA Web Page—Poisonous Plants: www.osha.gov/SLTC/etools/sawmills/poison.html

This is one in a series of informational fact sheets highlighting OSHA programs, policies or standards. It does not impose any new compliance requirements. For a comprehensive list of compliance requirements of OSHA standards or regulations, refer to Title 29 of the Code of Federal Regulations. This information will be made available to sensory impaired individuals upon request. The voice phone is (202) 693-1999; teletypewriter (TTY) number: (877) 889-5627.

For more complete information:

OSHA Occupational Safety and Health Administration

U.S. Department of Labor

www.osha.gov

(800) 321-OSHA

DSTM 9/2005

* Apply Hazard Mitigators for motor vehicles when utilizing heavy equipment (where applicable).

* Remember, heavy equipment has the right-of-way over regular vehicles. Yield to heavy equipment.

* Listen for warning signals on heavy equipment.

* Perform a visual inspection and walk around parked heavy equipment before moving to assure that equipment is in good condition and that there are no personnel on the ground that could be injured or objects that could be damaged by vehicle movement.

* Use hand rails and footholds when mounting and dismounting equipment,

* Follow appropriate equipment startup procedures. Brakes, steering, clutches and controls shall be tested.

* Pay attention to workers on the ground that may be in the path and provide warning prior to moving the equipment.

* Permit no one to ride on, or in, heavy equipment. This includes any portion of a backhoe, bulldozer, forklift or the back of a pickup truck, except in locations specifically designed for passenger use and approved by the SSO.

* Locate and flag underground utilities and buried cables, whenever possible, prior to intrusive activities (such as excavation and drilling).

* Keep haulage vehicles under positive control at all times while operating. Vehicles shall be kept in gear when descending grades.

* Do not use heavy equipment on slopes with steepness exceeding 3H:1V unless operations are consistent with manufacturer's recommendations (if the Owner's Manual is not with the equipment or does not specify slope operating procedures, see the SSO).

* Operate equipment with booms, blades, buckets, beds, etc., lowered or in a stable position while on slopes. Safety cables tethered to appropriate anchors shall be used for equipment working on steep slopes, where appropriate. The use of cables and anchors must be approved by the SSO.

* Use rollover protection and seat belts.

* Lower hydraulic systems (e.g., blades, rippers, etc.) to the ground, set brakes, and shut down equipment if malfunction occurs which impairs the ability to control a piece of equipment.

* Suspend in slings or support by hoists or jacks heavy equipment in need of repair. The equipment must also be blocked or cribbed before workers are permitted to work underneath. Working under heavy equipment can pose a crushing hazard.

* Shut off motors, do not allow smoking, and use proper dispensing equipment when refueling gasoline-operated equipment to prevent fire hazards.

* Wear hearing protection if required.

* Maintain eye contact with the heavy equipment operator when working near equipment.

* Be aware of changes in sound of equipment that may indicate a change in direction or activity.

* Know and practice proper lifting techniques.
* Limit continuous lifting of weights to 50 pounds or less. Lifts of heavier weights are permitted on an interim basis. Help shall be obtained for lifting of loads greater than 50 pounds. Mechanical equipment should be used on heavy materials when possible. If mechanical assistance is not available, adequate manpower to maintain the 50-pound limit per employee will be required.
* Do not lift more weight than can be handled comfortably, regardless of load weight. If necessary, help should be requested to lift a load so that the lifting is comfortable.
* Use drum dollies when moving drums or barrels.
* Inspect objects for grease or slippery substances before they are lifted to ensure that the object will not slip.
* Do not carry long, bulky or heavy objects without first verifying that the way is clear and that vision is unobstructed. This ensures that other persons or objects will not be struck by the load.
* Do not carry loads that cannot be seen over or around.
* Make sure workers are physically suited for the job before assigning jobs requiring heavy and/or frequent lifting. A person's lifting ability is not necessarily indicated by his height or weight.
* Before lifting an object, consideration should be given to how the object will be set down without pinching or crushing hands or fingers. For example, to place an object on a bench or table, the object should be set on the edge and pushed far enough onto the support so it will not fall. The object can then be released gradually as it is set down, and pushed in place with the hands and body from in front of the object.
* When two or more persons are handling the same object, one should "call the signals". All the persons on the lift should know who this person is and should warn him if anyone in the crew is about to relax his grip.
* Proper lifting includes:
  - *Feet* - Feet should be parted, with one foot alongside the object being lifted and one behind. Feet should be comfortably spread to give greater stability. The rear foot should be in position for the upward thrust of the lift.
  - *Back* - Use the sit-down position and keep the back straight, but remember that "straight" does not mean "vertical". A straight back keeps the spine, back muscles, and organs of the body in correct alignment. It minimizes the compression of the abdomen that can cause a hernia.
  - *Arms and Elbows* - The load should be drawn close, and the arms and elbows should be tucked into the side of the body. When the arms are held away from the body, they lose much of their strength and power. Keeping the arms tucked in also helps keep body

weight centered.

- *Palm* - The palm grip is one of the most important elements of lifting. The fingers and the hand are extended around the object to be lifted. Use the full palm; fingers alone have very little power.
- *Chin* - Tuck in the chin so the neck and head continue the straight back line. Keep the spine straight and firm.
- *Body Weight* - Position the body so its weight is centered over the feet. This provides a more powerful line of thrust and assures better balance. Start the lift with a thrust of the rear foot. Shift hand positions so the object can be boosted after knees are bent. Straighten knees as object is lifted or shifted to the shoulders. To change direction, lift the object to a carrying position, and turn the entire body, including the feet. Do not twist your body. In repetitive work, both the person and the material should be positioned so that the worker will not have to twist his body when moving the material. If the object is too heavy to be handled by one person, get help.

* Know the effects of noise, including:
  - Workers being startled, annoyed, or distracted.
  - Physical damage to the ear, pain, and temporary and/or permanent hearing loss.
  - Communication interference that may increase potential hazards due to the inability to warn of danger and proper safety precautions to be taken.
* Utilize feasible administrative or engineering controls if workers are subjected to noise exceeding an 8-hour, time-weighted average (TWA) sound level of 90 dBA (decibels on the A-weighted scale).
* Implement the company Hearing Conservation Program when noise exposures equal or exceed an 8-hour, TWA sound level of 85 dBA.
* Wear hearing protection where applicable.

* Route cords, hoses, and cables supplying power to portable power tools to prevent tripping hazards or contact with equipment or machinery.
* Avoid abusing the power supply lines of portable equipment. Excessive scraping, kicking, stretching, and exposure to grease and oils will damage lines or cause them to fail prematurely, and possibly injure the operator or fellow workers.
* Inspect cords, hoses, and cables for wear or deterioration prior to each use. Defective power supply lines shall not be used.
* Do not use electrically powered tools near flammable materials or explosive atmosphere, unless they are of the explosion-proof type meeting the National Electrical Code for explosive area. Employees operating the equipment should be aware of sparks and or metal fragments when using this equipment.
* Ground-check portable electric power tools with metal cases initially and quarterly. At no time will electrical power equipment be operated without proper grounding. All electrical cords and cables, including extension cords, shall include a third wire ground.
* Prohibit operations of electric tools in wet or damp areas except in unusual emergency circumstances. When operation is required in wet or damp conditions, extreme care will be exercised to ensure effective grounding of equipment and proper use of protective gear.
* Size cords adequately for length and the electrical demand of the tool. Otherwise, they may cause a fire hazard.
* Limit use of tools to the purpose for which the tool is intended (e.g., wrenches will not be used as hammers). Defective tools (e.g., with mushroomed heads or split or defective handles) shall not be used.
* Protect tools from corrosion damage.
* Keep tools free of accumulated dirt and unnecessary oil or grease. Moving and adjustable parts shall be lubricated frequently to prevent wear and misalignment.
* Replace or repair damaged or worn tools promptly. Temporary or makeshift repairs are prohibited. At the discretion of the supervisor, discard all tools that cannot be repaired safely. Supervisors shall decide when to discard a tool.
* Store tools in suitable boxes or containers. Loose tools shall not be stored on ledges or where they might fall. Tools shall be picked up when a job is completed and not be allowed to accumulate in the work area. Store all tools in a safe place.
* Do not use conducting (i.e., metal) tools around electrical facilities. Insulated tools, approved for electrical work, shall be tested frequently for proper insulation.

* Select the correct size and type of wrench for each job. Wrench handles shall not be extended with a pipe or cheater because the jaws will spread.
* Repair mushroomed punch, drift and chisel heads. Mushroomed heads represent crystallized metal that will break and fly off when struck.
* Wear eye protection at all times.

* Wear the proper footwear for the task at hand.
* Pay attention to the environment and use caution when moving about on site.
* Follow the easiest and safest path to the destination.
* Follow good housekeeping procedures.
* Remove objects that pose tripping hazards where practicable.
* Prevent water accumulation where practicable.

The following sections address the major workplace fire hazards and the procedures for controlling the hazards.

A. Electrical Fire Hazards

Electrical system failures and the misuse of electrical equipment are leading causes of workplace fires. Fires can result from loose ground connections, wiring with frayed insulation, or overloaded fuses, circuits, motors, or outlets.

To prevent electrical fires, employees shall:

1. Make sure that worn wires are replaced.
2. Use only appropriately rated fuses.
3. Never use extension cords as substitutes for wiring improvements.
4. Use only approved extension cords [i.e., those with the Underwriters Laboratory (UL) or Factory Mutual (FM) label].
5. Check wiring in hazardous locations where the risk of fire is especially high.
6. Check electrical equipment to ensure that it is either properly grounded or double insulated.
7. Ensure adequate spacing while performing maintenance.

B. Portable Heaters

All portable heaters shall be approved by **SSO**. Portable electric heaters shall have tip-over protection that automatically shuts off the unit when it is tipped over. There shall be adequate clearance between the heater and combustible furnishings or other materials at all times.

C. Office Fire Hazards

Fire risks are not limited to industrial facilities. Fires in offices have become more likely because of the increased use of electrical equipment, such as computers and fax machines. To prevent office fires, employees shall:

1. Avoid overloading circuits with office equipment.
2. Turn off nonessential electrical equipment at the end of each workday.
3. Keep storage areas clear of rubbish.
4. Ensure that extension cords are not placed under carpets.
5. Ensure that trash and paper set aside for recycling is not allowed to accumulate.

D. Cutting, Welding, and Open Flame Work

The **SSO**will ensure the following:

1. All necessary hot work permits have been obtained prior to work beginning.
2. Cutting and welding are done by authorized personnel in designated cutting and welding areas whenever possible.

3. Adequate ventilation is provided.
4. Torches, regulators, pressure-reducing valves, and manifolds are UL listed or FM approved.
5. Oxygen-fuel gas systems are equipped with listed and/or approved backflow valves and pressure-relief devices.
6. Cutters, welders, and helpers are wearing eye protection and protective clothing as appropriate.
7. Cutting or welding is prohibited in sprinklered areas while sprinkler protection is out of service.
8. Cutting or welding is prohibited in areas where explosive atmospheres of gases, vapors, or dusts could develop from residues or accumulations in confined spaces.
9. Cutting or welding is prohibited on metal walls, ceilings, or roofs built of combustible sandwich-type panel construction or having combustible covering.
10. Confined spaces such as tanks are tested to ensure that the atmosphere is not over ten percent of the lower flammable limit before cutting or welding in or on the tank.
11. Small tanks, piping, or containers that cannot be entered are cleaned, purged, and tested before cutting or welding on them begins.
12. Fire watch has been established.

E. Flammable and Combustible Materials

The **SSO** shall regularly evaluate the presence of combustible materials at.

Certain types of substances can ignite at relatively low temperatures or pose a risk of catastrophic explosion if ignited. Such substances obviously require special care and handling.

1. Class A combustibles.

These include common combustible materials (wood, paper, cloth, rubber, and plastics) that can act as fuel and are found in non-specialized areas such as offices.

To handle Class A combustibles safely:

a. Dispose of waste daily.
b. Keep trash in metal-lined receptacles with tight-fitting covers (metal wastebaskets that are emptied every day do not need to be covered).
c. Keep work areas clean and free of fuel paths that could allow a fire to spread.
d. Keep combustibles away from accidental ignition sources, such as hot plates, soldering irons, or other heat- or spark-producing devices.
e. Store paper stock in metal cabinets.
f. Store rags in metal bins with self-closing lids.
g. Do not order excessive amounts of combustibles.
h. Make frequent inspections to anticipate fires before they start.

Water, multi-purpose dry chemical (ABC), and halon 1211 are approved fire extinguishing agents for Class A combustibles.

2. Class B combustibles.

These include flammable and combustible liquids (oils, greases, tars, oil-based paints, and lacquers), flammable gases, and flammable aerosols.

To handle Class B combustibles safely:

a. Use only approved pumps, taking suction from the top, to dispense liquids from tanks, drums, barrels, or similar containers (or use approved self-closing valves or faucets).
b. Do not dispense Class B flammable liquids into containers unless the nozzle and container are electrically interconnected by contact or by a bonding wire. Either the tank or container must be grounded.
c. Store, handle, and use Class B combustibles only in approved locations where vapors are prevented from reaching ignition sources such as heating or electric equipment, open flames, or mechanical or electric sparks.
d. Do not use a flammable liquid as a cleaning agent inside a building (the only exception is in a closed machine approved for cleaning with flammable liquids).
e. Do not use, handle, or store Class B combustibles near exits, stairs, or any other areas normally used as exits.
f. Do not weld, cut, grind, or use unsafe electrical appliances or equipment near Class B combustibles.
g. Do not generate heat, allow an open flame, or smoke near Class B combustibles.
h. Know the location of and how to use the nearest portable fire extinguisher rated for Class B fire.

Water should not be used to extinguish Class B fires caused by flammable liquids. Water can cause the burning liquid to spread, making the fire worse. To extinguish a fire caused by flammable liquids, exclude the air around the burning liquid. The following fire-extinguishing agents are approved for Class B combustibles: carbon dioxide, multi-purpose dry chemical (ABC), halon 1301, and halon 1211. (**NOTE:** Halon has been determined to be an ozone-depleting substance and is no longer being manufactured. Existing systems using halon can be kept in place.)

F. Smoking

Smoking is prohibited at the facility.

–

- Be aware of chemicals of concern that can directly injure the skin or that can be absorbed into the bloodstream and subsequently transported to other organs.
- Know that skin absorption is enhanced by abrasions, cuts, heat, and moisture.
- Do not wear contact lenses in contaminated atmospheres (since they may trap chemicals against the eye surface). The eye is particularly vulnerable because airborne chemicals can dissolve in its moist surface and be carried to the rest of the body through the bloodstream (capillaries are very close to the surface of the eye).
- Keep hands away from face.
- Minimize contact with liquid and solid chemicals.

Wear protective clothing (e.g., suits and gloves) as required by the Health and Safety Plan

– .

* Adhere to the 0.05 mg/m^3 action level for dust

* Be aware that the lungs are extremely vulnerable to chemical agents. Even substances that do not directly affect the lungs may pass through lung tissue into the bloodstream, where they are transported to other vulnerable areas of the body.

* Know the odor and odor threshold of the chemicals of concern. Some toxic chemicals present in the atmosphere may not be detected by human senses (i.e., they may be odorless and colorless, and their toxic effects may not produce any immediate symptoms).

* Use engineering controls to reduce vapor concentrations (e.g., ventilation) or dusty atmospheres (e.g., dust suppression techniques).

* Wear respiratory protection as indicated by air monitoring results and/or as required by the Health and Safety Plan.

* Conduct work zone air monitoring as required by the Health and Safety Plan.

Appendix E

Personal Protective Equipment Per Task

Applies to Task: ☒ **1.Excavation, soil sampling, well installation, GW sampling and capping**

☒ *Modified Level D**		☐ *Level C**		☐ *Level B**	
Equipment	***Material/ Type***	***Equipment***	***Material/Type***	***Equipment***	***Material/Type***
☒ Protective clothing	Long sleeve shirt and long pants, Tyvek coveralls	☐ Full-face air-purifying respirator	Cartridge Type:	☐ SCBA (pressure demand)	
☒ Outer gloves	Nitrile	☐ Half-mask air-purifying respirator	Cartridge Type:	☐ Air-line System (pressure demand)	
☐ Outer boots		☐ Protective clothing		☐ Protective clothing	
☒ Hard hat		☐ Outer gloves		☐ Outer gloves	
☒ Safety glasses May include full-face shield		☐ Inner gloves		☐ Inner gloves	
☒ Hard-toed boots		☐ Outer boots		☐ Outer boots	
☒ Hearing protection		☐ Hard hat**		☐ Hard hat**	
☐ Other:		☐ Safety glasses**		☐ Hard-toed boots**	
		☐ Hard-toed boots**		☐ Hearing protection**	
		☐ Hearing protection**		☐ Escape respirator**	
		☐ Other:		☐ Safety “tag” rope**	
				☐ Other:	

* If checked, indicates initial level of PPE. Other completed columns indicate information to upgrade/downgrade.

** Optional as applicable

Appendix F

Contractor and Outside Company HASP Consent Agreement

I have reviewed the health and safety plan prepared by EarthCon Inc., dated _____, for the _____ site fieldwork. I understand the purpose of the plan, and I consent to adhere to its policies, procedures, and guidelines.

Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
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Employee signature / Print	Firm	Date

Appendix G

OSHA Onsite Training Documentation Form

After completion of the OSHA 40-hour training class, 29 CFR 1910.120 states that 3 days of onsite experience under the direct supervision of a trained, experienced supervisor are required to complete the OSHA HAZWOPER training requirements. This form is to be used to document this requirement, and shall be completed by a qualified supervisor (i.e., someone who has completed the 8-hour supervisory training class). Upon completion of this form, please submit it to the EarthCon project manager.

EMPLOYEE INFORMATION

Name: _____

Signature: _____

40-Hour Training Completion Date: _____

Dates of Onsite Training: _____

Name of Site: _____

Type of Site: _____

SUPERVISOR CERTIFICATION

Supervisor: _____

Signature: _____

Appendix H –

Health & Safety Inspection Checklist

Project: _____ Date: _____

Inspected by: _____

Category	***Observations/Corrective Actions (N/A, if Not Applicable)***
Pre-field activity briefing records are current	
Tailgate meeting records are current	
Training/medical surveillance/respiratory protection records are current	
Site map is posted	
Buddy system is implemented	
Work zones are identified	
Site access is controlled	
Visitors are escorted	
On-site/off-site communications are in working order	
Safe work practices are implemented	
Any additional hazards incurred?	
Air monitoring equipment is in working condition	
Air monitoring records are being recorded in field logbook	
Air monitoring calibration records are recorded in field logbook	
PPE storage area is neat and organized	
Standard operating procedures are implemented	
Housekeeping at decontamination zone is appropriate	
Decontamination procedures are implemented	
Emergency response equipment is in working condition	
Route to hospital is posted	
Confined space entry program is implemented	
Spill containment equipment is available	
Chemical inventory is up to date	
Safety data sheets are available	
Primary and secondary containers are properly labeled	
Housekeeping at the chemical storage area is appropriate	

APPENDIX B

O&M Inspection Form

GENERAL INFORMATION	
Site Location	1375 Magnolia Avenue, Corona, California
Inspector's Name	
Inspector's Title	
Signature	
Type of Inspection	Annual_____ Unplanned Event_____ (If marked, Reason_____)
Date of Inspection	

	Yes	No	Corrective Action
Evidence of any "penetrating cracks"? (Penetrating cracks are defined as any crack visible at the surface).			
Location? Measurements – L_____ W____ Base material and/or soil exposed? Vegetation present? Surface deterioration present? Difference in elevation?			
Location? Measurements – L_____ W____ Base material and/or soil exposed? Vegetation present? Surface deterioration present? Difference in elevation?			
Location? Measurements – L_____ W____ Base material and/or soil exposed? Vegetation present? Surface deterioration present? Difference in elevation?			
Photographs taken?			
Evidence of ponded water?			
Location? Source?			
Location? Source?			
Location? Source?			
Photographs taken?			
Are areas present identified as having differential settlement?			
Location? Measurements– L_____ W____ D_____			
Were any of the following observed:			
Cap disturbing activities			
Activities that bring soil to the surface,			

	Yes	No	Corrective Action
Unauthorized Site use for residential, or			
Unauthorized Site use for a school or day care for children under 18 years of age.			
Additional Comments:			

APPENDIX C

RECORDING REQUESTED BY:

Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719

WHEN RECORDED, MAIL TO:

Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630
Attention: A. Edward Morelan, Branch Chief
Site Mitigation and Restoration Program

And

U.S. Environmental Protection Agency
Region IX
Attention: PCB Coordinator (Land Chemicals and Redevelopment Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

LAND USE COVENANT AND AGREEMENT
ENVIRONMENTAL RESTRICTIONS

County of Riverside, Assessor Parcel Number(s): 107-030-022-3
Clow Valve Company
(Department Site Code 600876-48)

This Land Use Covenant and Agreement ("Covenant") is made by and between Clow Valve Company (the "Covenantor"), the current owner of property located at 1375 Magnolia Avenue, Corona in the County of Riverside, State of California (the "Property"), and the Department of Toxic Substances Control (the "Department"). Pursuant to Civil Code section 1471, the Department has determined that this Covenant is reasonably necessary to protect present or future human health or safety or the environment as a result of the presence on the land of hazardous materials as defined

in Health and Safety Code section 25260. The Covenantor and the Department hereby agree that, pursuant to Civil Code section 1471 and Health and Safety Code section 25202.5 the use of the Property be restricted as set forth in this Covenant and that the Covenant shall conform with the requirements of California Code of Regulations, title 22, section 67391.1. With respect to the Polychlorinated Biphenyls (PCBs) at the Property, the provisions of this Covenant shall be for the benefit of, and shall be enforceable by, the United States Environmental Protection Agency ("U.S. EPA"), as a third party beneficiary pursuant to general contract law, including but not limited to Civil Code section 1559.

ARTICLE I
STATEMENT OF FACTS

1.01. Property Location. The Property, located at 1375 Magnolia Avenue, Corona, County of Riverside, California, that is subject to this Covenant, totaling approximately 16 acres, is more particularly described in the attached Exhibit A, "Legal Description of the Property", and depicted in Exhibit B, "Plot Plan". The Property is located in the area generally bounded by Magnolia Avenue on the south, railroad tracks and El Camino Avenue on the west, and a storm water channel towards the north and east. The Property is also identified as County of Riverside, Assessor's Parcel Number 107-030-022-3.

(a) A limited portion of the Property is more particularly described in Exhibit C, "Legal Description of the Capped Property", and illustrated in Exhibit D, "Sketch", referred to as the "Capped Property". The "Capped Property", totaling approximately 9.964 acres of soil impacted by hazardous substances, is located on the northern portion of the Property now generally bounded by railroad and El Camino Avenue on the west, storm channel on the north and east. Its southern border runs parallel to Magnolia Avenue, approximately 195 feet north of Magnolia Avenue.

(b) A limited portion of the Property is more particularly described in Exhibit D as "Area 1" a Former Asphalt Dip Tank and as "Area2" a PCB Transformer area. Former Asphalt Dip Tank was previously located, approximately 620 feet north of Magnolia

Avenue, 510 feet east of El Camino Avenue, and 200 feet west of the storm channel western edge. The PCB Transformer area is located approximately 240 feet west of the storm channel western edge, 510 feet east of El Camino Avenue, and 600 feet north of Magnolia Avenue.

1.02. Hazardous Substances. Hazardous wastes, or constituents of hazardous waste, including Polychlorinated Biphenyl's (PCBs) (Total Aroclors up to a maximum of 2,220 milligrams per kilogram (mg/kg)), Total Petroleum Hydrocarbons (TPH) (up to a maximum of 9,300 mg/kg), arsenic (up to a maximum of 52.9 mg/kg), cadmium (up to a maximum of 43.9 mg/kg), hexavalent chromium (up to a maximum of 6.6 mg/kg), and lead (up to a maximum of 7,360 mg/kg) in soil, and volatile organic compounds, such as tetrachloroethylene (PCE) (up to a maximum of 3 microgram/liter (ug/l)), in the soil gas remain at the Property above levels acceptable for unrestricted land use.

As of February 25, 2021, PCB concentrations in the soil at the Former Asphalt Dip Tank Bottom and PCB Transformer exceed the level for unrestricted use and the USEPA's site-specific industrial risk-based threshold of 15 mg/kg. PCB concentrations present in soils of the PCB Transformer area exceed the California hazardous waste level of Total Threshold Limit Concentration (TTLC) of 50 mg/kg.

As of February 25, 2021, lead concentrations detected in the soil at the Capped Property exceeded 320 milligrams per kilogram, a level deemed safe by DTSC for the continued use of the Site for industrial use and the TTLC of 1,000 mg/kg. A Human Health Risk Assessment (HHRA) was performed to evaluate the potential health risks associated with direct exposure of workers at the Property to soil containing Chemicals of Potential Concern (COPCs). Based on the HHRA, potential health risk to a commercial or industrial worker is $1x10^{-5}$ and to a construction worker is $2x10^{-4}$. The estimated Hazard Index (HI) for a commercial/industrial worker at the Property is 1.9, primarily due to the potential exposure to PCBs and cadmium. The estimated HI for a construction worker at the Property is 458. U.S. EPA recommends an HI of 1 or below and health risk below $1x10^{-6}$. The calculated risks were primarily associated with direct exposure to impacted soil and associated soil ingestion or dermal exposure, both of which will be eliminated by installation and maintenance of the capping materials described herein.

1.03. Remediation of Property. This Property has been investigated and/or remediated under the Department's oversight. The Department approved a Corrective Measures Study, dated February 19, 2018, prepared by EarthCon Consultants CA, Inc, in accordance with Health and Safety Code, Division 20, Chapter 6.5. The remediation activities at the Property include:

a) Construction of an approximately 5,000 square foot, 6-inch thick concrete or 3-inch thick asphalt cap in two areas encompassing approximately one-half acre, identified as Areas of Concern (AOCs), AOC-1 and AOC-5 (see Exhibit B).
b) Repair and maintenance of the existing asphalt and/or concrete surface cover of the Capped Property;
c) Soil Management Plan and Operation and Maintenance Plan preapproval by the Department for all future construction work involving soil excavation at the Capped Property; and,
d) Land use restriction recorded with the Riverside County Assessor's Office to prohibit sensitive uses.

1.04. PCB Remediation overseen by U.S. EPA. In addition to the corrective action measures for the Property under the Department's oversight, U.S. EPA approved with conditions the Risk-Based Approval Application submitted by EarthCon Consultants, CA, Inc. on behalf of Clow Valve Company dated April 9, 2019 to remediate PCBs at the Property. PCBs are regulated by the U.S. EPA pursuant to the Toxic Substances Control Act (TSCA), 15 U.S.C. Section 2601 et seq., and the PCB regulations at 40 Code of Federal Regulations (CFR) Part 761. This document is available in Envirostor, an online document repository at https://www.envirostor.dtsc.ca.gov/public/deliverable_documents/1318022012/2019-04-23_EPA%20to%20Clow%20Valve_761.61%28c%29_SIGNED.pdf

1.05. Basis for Environmental Restrictions. As a result of the presence of Hazardous Wastes, PCBs, TPH, arsenic, cadmium, lead, and PCE, which are also hazardous materials as defined in Health and Safety Code section 25260, at the Property, the Department has concluded that it is reasonably necessary to restrict the

use of the Property in order to protect present or future human health or safety or the environment, and that this Covenant is required as part of the Department-approved remedy for the Property. The Department has also concluded that the Property, as remediated and when used in compliance with the Environmental Restrictions of this Covenant, does not present an unacceptable risk to present and future human health or safety or the environment.

1.06. Land Use Covenant. A land use covenant is necessary to preclude potential users' exposure to hazardous substances that remain at the Property and to complete the remedy selected in the Corrective Measures Study. U.S. EPA, with the concurrence of the Department, has concluded that the Property, remediated to the goals presented in the Corrective Measures Study, subject to the restrictions of this Covenant, and used in compliance with such restrictions, does not present an unacceptable threat to present or future human health or safety or the environment. Additional information about the Site, including the 2019 PCB risk analysis by U.S. EPA, is available at the Envirostor, an online repository listed in paragraph 1.04, above.

ARTICLE II
DEFINITIONS

2.01. Department. "Department" means the California Department of Toxic Substances Control and includes its successor agencies, if any.

2.02. Environmental Restrictions. "Environmental Restrictions" means all protective provisions, covenants, restrictions, requirements, prohibitions, and terms and conditions as set forth in this Covenant.

2.03. Improvements. "Improvements" includes, but is not limited to buildings, structures, roads, driveways, improved parking areas, wells, pipelines, or other utilities.

2.04. Lease. "Lease" means lease, rental agreement, or any other document that creates a right to use or occupy any portion of the Property.

2.05. Occupant. "Occupant" or "Occupants" means Owner and any person or entity entitled by ownership, leasehold, or other legal relationship to the right to occupy any portion of the Property.

2.06. Owner. "Owner" or “Owners” means the Covenantor, and any successor in interest including any heir and assignee, who at any time holds title to all or any portion of the Property.

2.07. U.S. EPA. “U.S. EPA” means the United States Environmental Protection Agency, and includes its successor agencies, if any.

ARTICLE III
GENERAL PROVISIONS

3.01. Runs with the Land. This Covenant sets forth Environmental Restrictions that apply to and encumber the Property and every portion thereof no matter how it is improved, held, used, occupied, leased, sold, hypothecated, encumbered, or conveyed. This Covenant: (a) runs with the land pursuant to Civil Code section 1471 and Health and Safety Code section 25202.5; (b) inures to the benefit of and passes with each and every portion of the Property; (c) is for the benefit of, and is enforceable by the Department; and (d) is imposed upon the entire Property unless expressly stated as applicable only to a specific portion thereof.

3.02. Binding upon Owners/Occupants. This Covenant: (a) binds all Owners of the Property, their heirs, successors, and assignees; and (b) the agents, employees, and lessees of the Owners and the Owners’ heirs, successors, and assignees. Pursuant to Civil Code section 1471, all successive Owners of the Property are expressly bound hereby for the benefit of the Department; this Covenant, however, is binding on all Owners and Occupants, and their respective successors and assignees, only during their respective periods of ownership or occupancy except that such Owners or Occupants shall continue to be liable for any violations of, or non-compliance with, the Environmental Restrictions of this Covenant or any acts or omissions during their ownership or occupancy.

3.03. Written Notice of the Presence of Hazardous Substances. Prior to the sale, lease, assignment, or other transfer of the Property, or any portion thereof, the Owner, lessor, or sublessor shall give the buyer, lessee, or sublessee written notice of the existence of this Covenant and its Environmental Restrictions.

3.04. Incorporation into Deeds and Leases. This Covenant shall be

incorporated by reference in each and every deed and Lease for any portion of the Property.

3.05. Conveyance of Property. The Owner and new Owner shall provide Notice to the Department and the U.S. EPA not later than 30 calendar days after any conveyance or receipt of any ownership interest in the Property (excluding Leases, and mortgages, liens, and other non-possessory encumbrances). The Notice shall include the name and mailing address of the new Owner of the Property and shall reference the site name and site code as listed on page one of this Covenant. The notice shall also include the Assessor's Parcel Number(s) noted on page one. If the new Owner's property has been assigned a different Assessor Parcel Number, each such Assessor Parcel Number that covers the Property must be provided. The Department shall not, by reason of this Covenant, have authority to approve, disapprove, or otherwise affect proposed conveyance, except as otherwise provided by law or by administrative order.

3.06. Costs of Administering the Covenant to Be Paid by Owner. The Department has already incurred and will in the future incur costs associated with this Covenant. Therefore, the Covenantor hereby covenants for the Covenantor and for all subsequent Owners that, pursuant to California Code of Regulations, title 22, section 67391.1(h), the Owner agrees to pay the Department's costs in administering, implementing and enforcing this Covenant.

ARTICLE IV
RESTRICTIONS AND REQUIREMENTS

4.01. Prohibited Uses. The Property shall not be used for any of the following purposes without prior written approval by the Department pursuant to Health and Safety Code section 25227 and prior written notice to U.S. EPA :

(a) A residence, including single or multifamily housing, mobile homes, or factory-built housing constructed or installed for use as residential human habitation.

(b) A hospital for humans.

(c) A public or private school for persons under 18 years of age.

(d) A day care center or a playground for children.

4.02. Soil Management. Soil management activities at the Capped Property are subject to the following requirements in addition to any other applicable Environmental Restrictions:

(a) No activities that will disturb the soil at or below grade or below concrete (e.g., excavation, grading, removal, trenching, filling, earth movement, mining, or drilling) shall be allowed at the Property without a Soil Management Plan pre-approved by the Department and U.S. EPA in writing.

(b) Any soil brought to the surface by grading, excavation, trenching or backfilling shall be managed in accordance with all applicable provisions of state and federal law.

4.03. Prohibited Activities. The following activities shall not be conducted at the Property:

(a) Drilling for any water, oil, or gas without prior written approval by the Department.

(b) Extraction or removal of groundwater without a Groundwater Management Plan pre-approved by the Department in writing.

(c) Activity that may alter, interfere with, or otherwise affect the integrity or effectiveness of, or the access to, monitoring, operation or maintenance of the concrete cover at the Capped Property without prior written approval of the Department and U.S. EPA.

4.04. Written Notice of Covenant. Prior to any sale, lease, or rental of any portion of the Property, the Owner shall provide a copy of this Covenant to the buyer, lessee, or renter to ensure that the buyer, lessee, or renter is on notice of the restrictions and requirements of this Covenant. Prior to recordation of any easement on any portion of the Property, the Owner shall provide a copy of this Covenant to the easement holder to ensure that the easement holder is on notice of the restrictions and requirements of this Covenant. Covenantor shall also provide a copy of this Covenant to all existing Occupants and easement holders of record within 30 days of recording this Covenant.

4.05. Access for Department. The Department shall have reasonable right of entry and access to the Property for inspection, investigation, remediation, monitoring, and other activities as deemed necessary by the Department in order to protect human health or safety or the environment. Nothing in this instrument shall limit or otherwise affect the Department's right of entry and access, or authority to take response actions, under any applicable State Law.

4.06. Access for U.S EPA. The U.S. EPA shall have reasonable right of entry and access to the Property for inspection, investigation, remediation, monitoring, and other activities as deemed necessary by the U.S. EPA in order to protect human health or safety or the environment. Nothing in this instrument shall limit or otherwise affect U.S. EPA's right of entry and access, or U.S. EPA's authority to take actions, under any applicable law.

4.07. Access for Implementing Operation and Maintenance. The entity or person responsible for implementing the operation and maintenance activities, if any, shall have reasonable right of entry and access to the Property for the purpose of implementing such operation and maintenance activities until the Department determines that no further operation and maintenance activity is required.

4.08. Inspection and Reporting Requirements. The Owner shall conduct an annual inspection of the Property verifying compliance with this Covenant; shall submit an annual inspection report to the Department for its approval by January 15th of each year; and also send a copy to U.S. EPA. Attached as Exhibit F is a sample format for an annual inspection report. The annual inspection report must include the dates, times, and names of those who conducted the inspection and reviewed the annual inspection report. It also shall describe how the observations that were the basis for the statements and conclusions in the annual inspection report were performed (e.g., drive by, fly over, walk in, etc.). If any violation is noted, the annual inspection report must detail the steps taken to correct the violation and return to compliance. If the Owner identifies any violations of this Covenant during the annual inspection or at any other

time, the Owner must within 10 calendar days of identifying the violation: (a) determine the identity of the party in violation; (b) send a letter advising the party of the violation of the Covenant; and (c) demand that the violation cease immediately. Additionally, a copy of any correspondence related to the violation of this Covenant shall be sent to the Department and U.S. EPA within 10 calendar days of its original transmission.

4.09. Five-Year Review. In addition to the annual reviews noted above, after a period of five (5) years from January 15, 2021 and every five (5) years thereafter, Owner shall submit a Five-Year Review report documenting its review of the remedy implemented and its evaluation to determine if human health and the environment are being adequately protected by the remedy as implemented. The Owner shall submit this report to DTSC, and submit a copy to U.S. EPA. The report shall describe the results of all inspections, sampling analyses, tests and other data generated or received by Owner and evaluate the adequacy of the implemented remedy in protecting human health and the environment. As a result of any review work performed, Department may require Owner to perform additional review work or modify the review work previously performed by Owner.

4.10. Changes to Use or Condition of Property. Any changes to land use, movement of PCB contaminated soils, or discovery of new contamination requires notification to, and may require additional approval from, the U.S. EPA by the Owner and/or Occupant.

4.11. Access for Five-Year Reviews. The entity, person or persons responsible for Five-Year Reviews shall have reasonable right of entry and access to the Property for the purpose of implementing these activities. Such right of entry and access shall continue until such time as the U.S. EPA and DTSC both determine that no further Five-Year Review activities are required.

ARTICLE V
ENFORCEMENT

5.01. Enforcement. Failure of the Owner or Occupant to comply with this Covenant shall be grounds for the Department to require modification or removal of any Improvements constructed or placed upon any portion of the Property in violation of this

Covenant. Violation of this Covenant, such as failure to submit (including submission of any false statement) record or report to the Department, shall be grounds for the Department to pursue administrative, civil, or criminal actions, as provided by law.

5.02. Enforcement Rights of U.S. EPA as Third-Party Beneficiary. U.S. EPA, as a third-party beneficiary, has the right to enforce the Environmental Restrictions contained herein.

ARTICLE VI
VARIANCE, REMOVAL AND TERM

6.01. Variance from Environmental Restrictions. Any person may apply to the Department for a written variance from any of the Environmental Restrictions imposed by this Covenant. Such application shall be made in accordance with Health and Safety Code section 25223. A copy of the application shall be submitted to the U.S. EPA simultaneously with the application submitted to the Department. No variance may be granted under this paragraph without prior notice and opportunity to comment by U.S. EPA.

6.02 Termination, Modification, and/or Removal of Environmental Restrictions. Any person may apply to the Department to terminate, modify, and/or remove any or all of the Environmental Restrictions imposed by this Covenant or terminate the Covenant in its entirety. Such application shall be made in accordance with Health and Safety Code section 25224 and a copy of the application shall be submitted to U.S. EPA simultaneously with the application submitted to the Department. No termination may be granted under this paragraph without prior notice to and opportunity to comment by U.S. EPA.

6.03 Term. Unless ended in accordance with paragraph 6.02, by law, or by the Department in the exercise of its discretion, this Covenant, after providing notice to and an opportunity to comment by U.S. EPA, shall continue in effect in perpetuity.

ARTICLE VII
MISCELLANEOUS

7.01. No Dedication Intended. Nothing set forth in this Covenant shall be

construed to be a gift or dedication, or offer of a gift or dedication, of the Property, or any portion thereof, to the general public or anyone else for any purpose whatsoever.

7.02. Recordation. The Covenantor shall record this Covenant, with all referenced Exhibits, in the County of Riverside within 10 calendar days of the Covenantor's receipt of a fully executed original. The Covenantor shall also provide copies showing the County Recorder's tracking information of its recording (i.e., document number or book and page number information) to the Department and U.S. EPA within ten (10) days of receiving it from the County Recorder's Office.

7.03. Notices. Whenever any person gives or serves any Notice ("Notice" as used herein includes any demand or other communication with respect to this Covenant), each such Notice shall be in writing and shall be deemed effective: (a) when delivered, if personally delivered to the person being served or to an officer of a corporate party being served; or (b) five calendar days after deposit in the mail, if mailed by United States mail, postage paid, certified, return receipt requested:

To Owner:
Mark Willett, General Manager
Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719
And

To Department:
A. Edward Morelan, Chief
Cypress Cleanup Branch
Site Mitigation and Restoration Program
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

To U.S. EPA:
U.S. Environmental Protection Agency
Region IX
Attention**:** PCB Coordinator (Land Chemicals and Redevelopment Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

Any party may change its address or the individual to whose attention a Notice is to be

sent by giving advance written Notice in compliance with this paragraph.

7.04. Partial Invalidity. If this Covenant or any of its terms are determined by a court of competent jurisdiction to be invalid for any reason, the surviving portions of this Covenant shall remain in full force and effect as if such portion found invalid had not been included herein.

7.05. Statutory References. All statutory or regulatory references include successor provisions.

7.06. Incorporation of Exhibits. All exhibits and attachments to this Covenant are incorporated herein by reference.

IN WITNESS WHEREOF, the Covenantor and the Department hereby execute this Covenant.

Covenantor: Clow Valve Company

By: _____ Date: _____

Name and Title: Mark Willett, General Manager

Department of Toxic Substances Control:

By: _____ Date: _____

Name and Title: A. Edward Morelan, Chief
Cypress Cleanup Branch
Site Mitigation and Restoration Program

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me,

_____

(space above this line is for name and title of the officer/notary),

personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

_____ (seal)

Signature of Notary Public

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me,

_____

(space above this line is for name and title of the officer/notary),

personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

_____ (seal)

Signature of Notary Public

Exhibit A – “Legal Description” – APN 107-030-022-3

Exhibit B – “Plot Plan” - APN 107-030-022-3

Exhibit C – “Capped Property” - Legal Description

Exhibit D – ”Capped Property” - Sketch

Exhibit E – “AOC7 – Transformer Area 1”,

Exhibit F – “LUC Sample Annual inspection Report”

EXHIBIT "A"

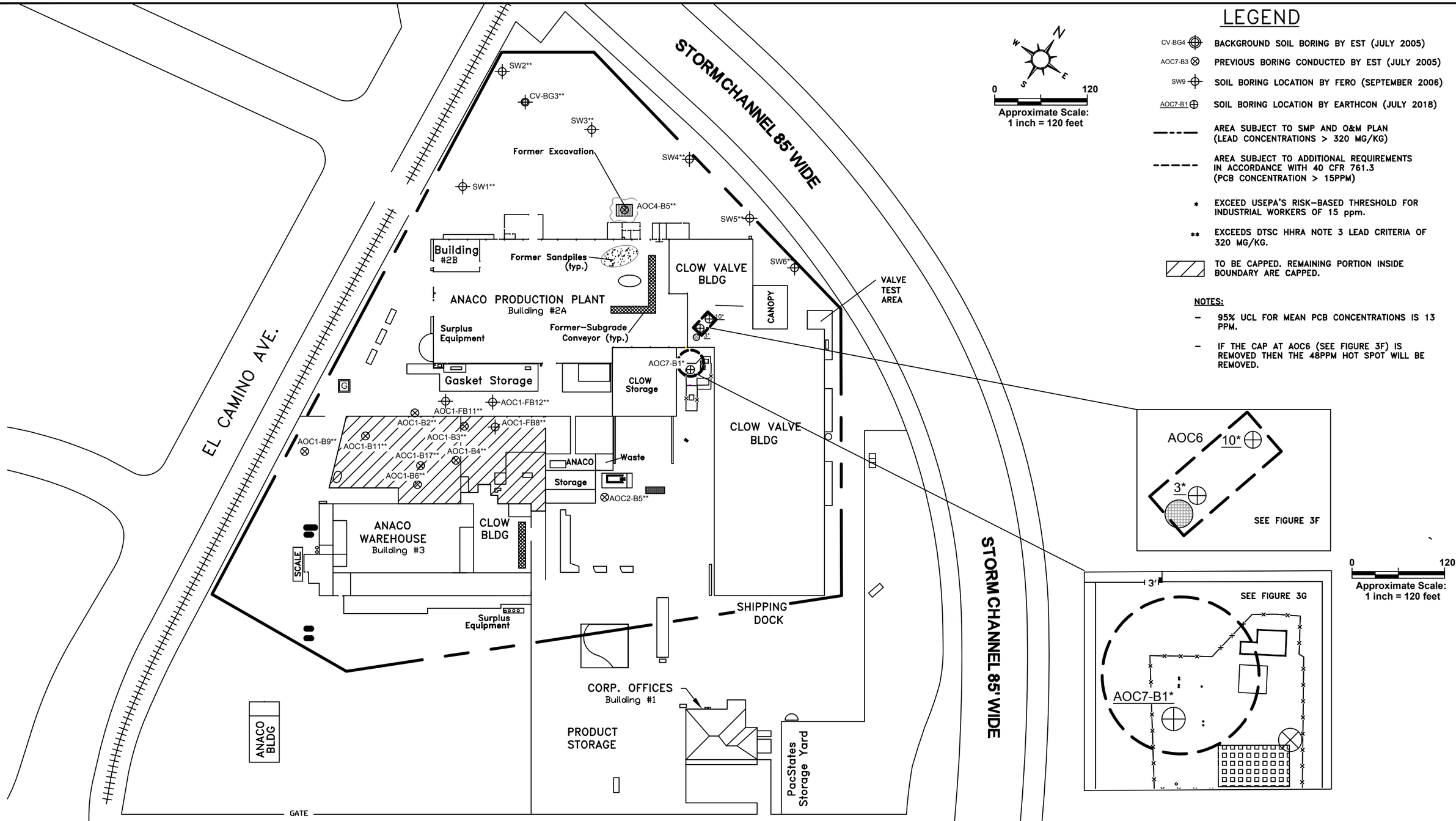
LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS; ON THE WEST BY THE EASTERLY LINE OF THE PORPHYRY SPUR OF THE ATCHISON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84-227367 AND RE-RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85-028214 BOTH OF OFFICIAL RECORDS.

APN: 107-030-022-3



LEGEND

- CV-BG4 ⊕ BACKGROUND SOIL BORING BY EST (JULY 2005)
- AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- SW9 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC7-B1 ⊕ SOIL BORING LOCATION BY EARTHCON (JULY 2018)
- AREA SUBJECT TO SMP AND O&M PLAN (LEAD CONCENTRATIONS > 320 MG/KG)
- AREA SUBJECT TO ADDITIONAL REQUIREMENTS IN ACCORDANCE WITH 40 CFR 761.3 (PCB CONCENTRATION > 15PPM)
- * EXCEED USEPA'S RISK-BASED THRESHOLD FOR INDUSTRIAL WORKERS OF 15 ppm.
- ** EXCEEDS DTSC HHRA NOTE 3 LEAD CRITERIA OF 320 MG/KG.
- TO BE CAPPED. REMAINING PORTION INSIDE BOUNDARY ARE CAPPED.

NOTES:

- 95% UCL FOR MEAN PCB CONCENTRATIONS IS 13 PPM.
- IF THE CAP AT AOC6 (SEE FIGURE 3F) IS REMOVED THEN THE 48PPM HOT SPOT WILL BE REMOVED.

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

LUC Exhibit B
SITE PLAN WITH AREAS SUBJECT TO THE LAND USE COVENANT

DRAWN:	CHECKED:	DATE:	FIGURE:
AB	JB	05/12/21	4A

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 05-12-21_F4.dwg (Subject area) 05/20/21 1314 - abasford

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EXHIBIT "C"

LEGAL DESCRIPTION

Portion of APN 107-030-022

BEING IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA. THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATION COMPANY, AS SHOWN ON MAP FILED IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COMPTON AVENUE (ALSO KNOWN AS EL CAMINO AVENUE) AND THE CENTERLINE OF TEMESCAL CREEK CHANNEL AS SHOWN ON RECORD OF SURVEY FILED IN BOOK 71, PAGES 7 THROUGH 11, INCLUSIVE, OF RECORDS OF SURVEY IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, THENCE, SOUTHEASTERLY ALONG THE CENTERLINE OF SAID TEMESCAL CREEK CHANNEL, SOUTH 79°49'49" EAST (SHOWN AS S79°48'46" EAST ON SAID RECORD OF SURVEY), 477.06 FEET; THENCE, LEAVING SAID CENTERLINE, SOUTH 10°22'04" WEST, 84.25 FEET TO THE TRUE POINT OF BEGINNING FOR THIS DESCRIPTION; THENCE, NORTH 79°37'56" WEST, 269.59 FEET; THENCE, SOUTH 56°04'15" WEST, 116.07 FEET TO A POINT ON THE EASTERLY LINE OF A.T.&S.F. RAILROAD RIGHT OF WAY AS SHOWN ON SAID RECORD OF SURVEY; THENCE, SOUTHERLY ALONG SAID EASTERLY RIGHT OF WAY LINE, SOUTH 05°28'23" EAST, 800.61 FEET; THENCE, LEAVING SAID EASTERLY RIGHT OF WAY, NORTH 83°44'45" EAST, 203.93 FEET; THENCE, NORTH 47° 08'29" EAST, 630.00 FEET; THENCE, NORTH 34°06'13" WEST, 404.00 FEET; THENCE, NORTH 79°37'56" WEST, 155.41 FEET TO THE TRUE POINT OF BEGINNING.

TOGETHER WITH TWO AREAS WITHIN THE ABOVE DESCRIBED EASEMENT, THE FIRST BEING DESCRIBED AS FOLLOWS: AREA 1, COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COMPTON AVENUE (ALSO KNOWN AS EL CAMINO AVENUE) AND THE CENTERLINE OF TEMESCAL CREEK CHANNEL AS SHOWN ON RECORD OF SURVEY FILED IN BOOK 71, PAGES 7 THROUGH 11, INCLUSIVE, OF RECORDS OF SURVEY IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, THENCE, SOUTHEASTERLY ALONG THE CENTERLINE OF SAID TEMESCAL CREEK CHANNEL, SOUTH 79°49'49" EAST (SHOWN AS S79°48'46" EAST ON SAID RECORD OF SURVEY), 477.06 FEET; THENCE, LEAVING SAID CENTERLINE, SOUTH 10°22'04" WEST, 214.25 FEET; THENCE, SOUTH 79°49'49" EAST, 75.15 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 1; THENCE, SOUTH 79°49'49" EAST, 30.00 FEET; THENCE, SOUTH 10°10'11" WEST, 30.00 FEET; THENCE, NORTH 79°49'49" WEST, 30.00 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "A"; THENCE, NORTH 10°10'11" EAST, 30.00 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 1.

EXHIBIT "C"
LEGAL DESCRIPTION
(Continued)

AREA 2, COMMENCING AT THE POINT HEREINBEFORE REFERRED TO AS POINT "A", THENCE, SOUTH 10°10'11" WEST, 13.15 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 2; THENCE, SOUTH 10°10'11" WEST, 60.00 FEET; THENCE, SOUTH 79°49'49" EAST, 60.00 FEET; THENCE, NORTH 10°10'11" EAST, 60.00 FEET; THENCE, NORTH 79°49'49" WEST, 60.00 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 2.

THE ABOVE DESCRIBED GROSS AREA EASEMENT CONTAINS 422,249 SQ.FT., 9.694 ACRES MORE OR LESS.

THE ABOVE DESCRIBED AREA 1 CONTAINS 900 SQ.FT., 0.021 ACRES MORE OR LESS.

THE ABOVE DESCRIBED AREA 2 CONTAINS 3,600 SQ.FT., 0.083 ACRES MORE OR LESS.

As shown on Exhibit "B" attached hereto and by this reference made a part hereof.

Prepared by:



Douglas Boynton, PLS4787
(562) 426-6464
March 17, 2020

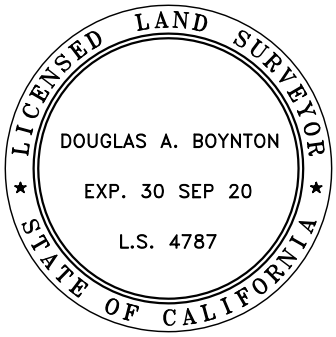
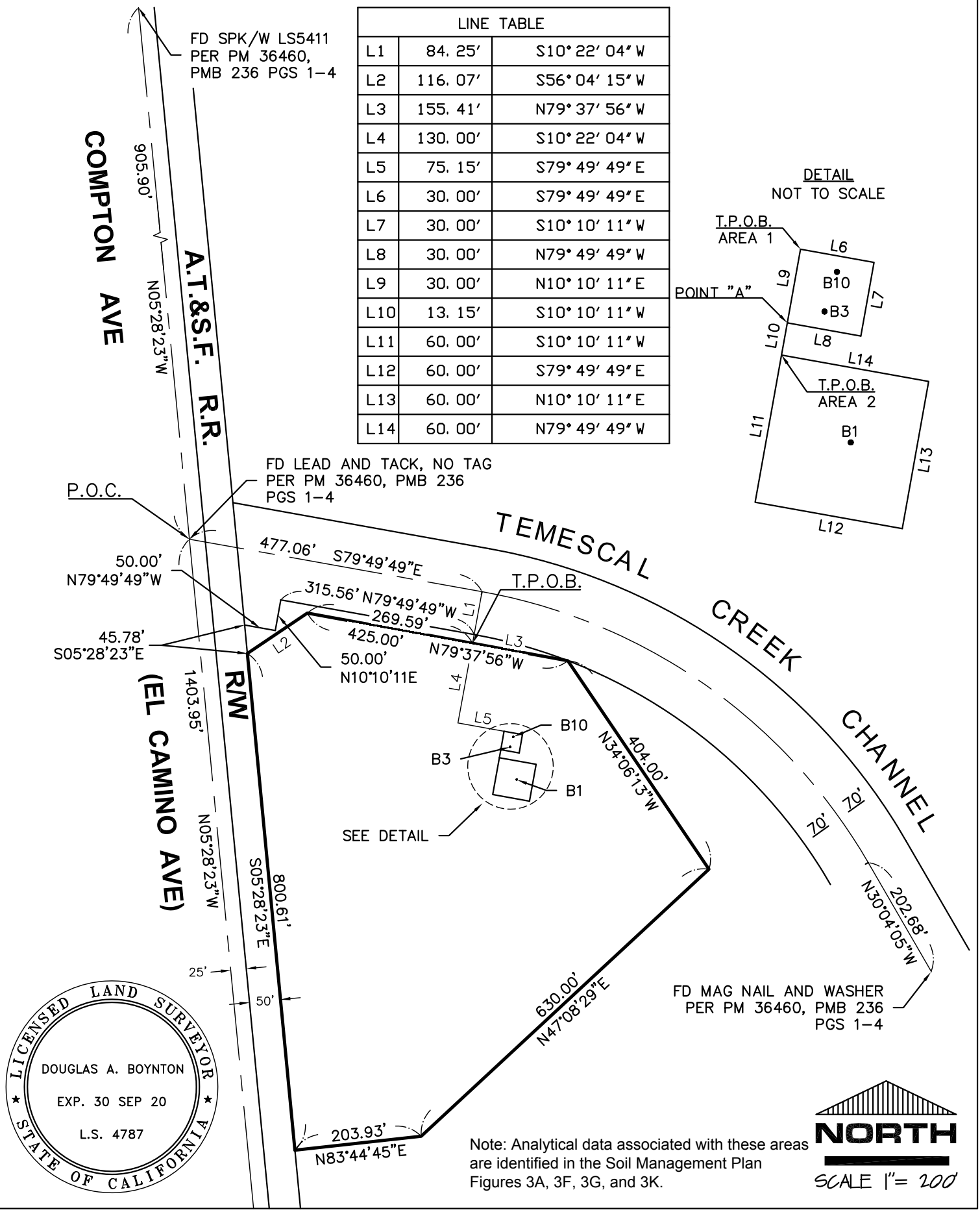


EXHIBIT "D"

Sketch to accompany Legal Description



LINE TABLE		
L1	84. 25'	S10° 22' 04" W
L2	116. 07'	S56° 04' 15" W
L3	155. 41'	N79° 37' 56" W
L4	130. 00'	S10° 22' 04" W
L5	75. 15'	S79° 49' 49" E
L6	30. 00'	S79° 49' 49" E
L7	30. 00'	S10° 10' 11" W
L8	30. 00'	N79° 49' 49" W
L9	30. 00'	N10° 10' 11" E
L10	13. 15'	S10° 10' 11" W
L11	60. 00'	S10° 10' 11" W
L12	60. 00'	S79° 49' 49" E
L13	60. 00'	N10° 10' 11" E
L14	60. 00'	N79° 49' 49" W

LICENSED LAND SURVEYOR
DOUGLAS A. BOYNTON
EXP. 30 SEP 20
L.S. 4787
STATE OF CALIFORNIA

Note: Analytical data associated with these areas are identified in the Soil Management Plan Figures 3A, 3F, 3G, and 3K.

NORTH

SCALE 1"= 200'

EXHIBIT F

LAND USE COVENANT
SAMPLE ANNUAL INSPECTION REPORT (2 Pages)

Site name:

Site address:

Current Site owner:

Date and times of inspection:

Name(s) of individual(s) who performed inspection:

How inspection observations were made (e.g. drive-by, fly-over, walking the Property):

1. Since the last annual inspection, has there been a change in the land use, such that there are now residences, a hospital for humans, a public or private school for persons under 21 years of age, or a day care center for children on the restricted Property?
   ☐ Yes ☐ No ☐ Not an applicable restriction

2. Since the last annual inspection, has the soil been disturbed on the restricted Property? Was evidence of soil disturbance observed on the restricted Property during the inspection?
   ☐ Yes ☐ No ☐ Not an applicable restriction

3. Since the last annual inspection, has there been any drilling on the restricted Property? Was evidence of drilling observed on the restricted Property during the inspection?
   ☐ Yes ☐ No ☐ Not an applicable restriction

Cap Condition

4. Since the last annual inspection, has there been any damage to, disturbance of, or modifications to the existing building foundation and/or surrounding pavement that serves as the cap over contaminated soil?
   ☐ Yes ☐ No

5. Has there been any damage to, disturbance of, or modifications to the asphalt/concrete Cap covering the restricted Property?
   ☐ Yes ☐ No

Land Use Covenant Compliance

6. Has there been a change in the land use of the property from commercial/industrial?
   ☐ Yes ☐ No

If the response to any of the above questions is yes, describe the circumstances.

Photos should be attached to this report that show the use of the Restricted Property at the time of the inspection and the condition of any Caps on the restricted Property. Photos showing any cracks in or damage to the Cap should also be included.

I certify under penalty of law that this document and all attachments were prepared by me or under my direction or supervision. With the exception of any areas of non-compliance noted above, all uses and activities on the restricted Property were found to be in compliance with the restrictions and requirements of the Land Use Covenant. Based on my personal knowledge or inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

_____ _____

Signature of Property Owner or Representative Date

_____ _____

Print Name Title

APPENDIX D

Department of Toxic Substances Control

Jared Blumenfeld
Secretary for
Environmental Protection

Meredith Williams, PhD
Director
5796 Corporate Drive
Cypress, California 90620

Gavin Newsom
Governor

FINANCIAL ASSURANCE COST ESTIMATE VALIDATION MEMORANDUM

TO: Irena Edwards
Environmental Scientist
Site Mitigation and Restoration Program
DTSC Cypress Office

FROM: Christine P. Brown, P.E.
Hazardous Substances Engineer
Engineering Services, Southern California
Engineering and Special Projects Office

REVIEWER: Perry Myers, P.E.
Unit Chief, Engineering Services North
Engineering and Special Projects Office, Sacramento

SUBJECT: REVIEW OF THE FINANCIAL ASSURANCE OPERATION AND MAINTENANCE COST ESTIMATE FOR CLOW VALVE COMPANY, 1375 MAGNOLIA AVENUE, CORONA, RIVERSIDE COUNTY, CALIFORNIA (Site Code: DTSC600876)

DATE: May 28, 2021

Documents Reviewed

The result of this review is limited to the following documents, or sections thereof:

1. Operation and Maintenance Cost Estimate, part of Response to Comments, dated April 21, 2021, provided by EarthCon Consultants, CA.

COST ESTIMATE REVIEW

The Department of Toxic Substances Control's (DTSC's) Cost Estimating Work Group (CEWG) engineering staff reviewed the Operation and Maintenance Financial Assurance Cost Estimate for the Clow Valve Company in Corona, Riverside County, California to determine if the estimated dollar amount is sufficient for compliance with the financial assurance cost estimate requirements established for the site. This memorandum provides the findings of our review. CEWG provided a previous memorandum dated March 8, 2021 with review of the corrective action cost estimate. All comments in that memorandum have been adequately addressed.

BACKGROUND

The following information is taken from the Revised Corrective Measures Study (CMS) dated February 19, 2018.

The Site was originally developed for the production of iron pipes and connections by American Foundry in approximately 1950. In 1960, Rich Manufacturing of Los Angeles acquired the property and moved their iron pipe manufacturing business to the Corona location, adding additional structures in 1967 for the machine shop and brass foundry. Clow Valve, a manufacturer of wrought iron pipe and other foundry products as early as 1878, acquired Rich Manufacturing Company of Corona in 1972. This acquisition added the wet barrel fire hydrant to Clow Valve's product line of waterworks products. In 1985, McWane, Inc. purchased all Clow Corporation's stock and Clow became a wholly owned subsidiary and eventually operating division of McWane.

Current manufacturing processes include machining, testing, coating, and shipping wet barrel fire hydrants. Finished valves are also stored and distributed from this location. Anaco, Clow Valve's sister company, is also on-Site and is engaged in the manufacturing of rubber soil pipe couplings. Two other McWane Divisions, McWane Ductile-Utah and Tyler Union operate product distribution centers on the Site.

Site soils are comprised of Holocene Older and Younger alluvium and bedrock. The younger alluvium consists of unconsolidated sand, gravel, and silt. The older alluvium consists of semi-consolidated buff to dark brown sand, gravel, and silt. During previous site investigations, groundwater beneath the Site was encountered at approximately 47 ft bgs in coarse granular material composed of sand and gravel. The regional aquifer is reported to start at 124 ft bgs.

As a result of facility operations, site soils have been contaminated with lead, TPH and polychlorinated biphenyls (PCBs), and 1,1,2,2-tetrachloroethane has been found in soil gas. The CMS proposed a combined remedial approach including engineering controls (capping system – asphalt-concrete pavement), excavation with off-site disposal for soils

with high concentrations of PCBs (concentrations exceeding 100 mg/kg), and institutional controls (Soil Management Plan and Use Covenant). The remediation of PCB contamination is regulated by USEPA. Corrective Measures are ongoing.

The Scope of Work for the Operation and Maintenance activities at the site includes:

- Pavement inspection, maintenance, and repair.
- Land Use Covenant inspection and reporting.
- DTSC oversight

Based on my review of the above listed document, I have concluded that the Financial Assurance Cost Estimate for $1,559,685.16 in 2021-year dollars is valid and reasonably estimates the costs for a third party to perform the Scope of Work in the event the Owner or Operator will not.

The Cost Estimating Working Group (CEWG) review was based on the information available at the time the review was performed and does not constitute a guarantee of the accuracy of the assumptions used by the responsible party to develop their financial assurance cost estimate. The review of this financial assurance cost estimate is not intended to be all-inclusive as this review does not include a technical assessment and evaluation of the remedial design/controlling document or the accuracy and reliability of data used to support the assumptions.

The Financial Assurance Cost Estimate and supporting documentation was reviewed under the responsible charge of the following qualified Civil Engineer licensed in the State of California.

Seal

Name: Christine P. Brown, P.E.



Signature: Christine P. Brown Date: May 28, 2021

Quality Assurance Reviewer: Perry Myers Date: May 28, 2021

EarthCon Consultants CA, Inc.
1500 South Sunkist Street
Suite D
Anaheim, CA 92806

P: 714-500-5400
www.earthcon.com

April 21, 2021

Irena Edwards
Department of Toxic Substances Control
5796 Corporate Ave
Cypress, California 90630

SUBJECT: RESPONSE TO COMMENTS

***FINANCIAL ASSURANCE COST ESTIMATE REVIEW* – CLOW VALVE COMPANY, 1375 MAGNOLIA AVENUE, CORONA. 22120-600876-48 WR:20039018**

Dear Ms. Edwards,

EarthCon Consultants CA, Inc. (EarthCon) on behalf of Clow Valve Company (Clow), is submitting this Response to Comments (RTC) letter addressing the DTSC comments provided on the *Financial Assurance Cost Estimate Review* letter dated March 8, 2021. Based on the comments provided, the RTCs associated with the requested information are provided below:

Comment 1: *The cost estimate should include a basis of estimate that describes the tasks involved and costs for each task. Line items should be included under each task. Cost data should include unit costs, materials, labor, and equipment and show adequate detail to allow CEWG to verify the cost estimate.*

Response: Line items for the individual tasks are provided in Appendix A. The general tasks include annual site inspections, cover operations and maintenance (O&M), and DTSC oversight. The costs associated with O&M of the asphalt cover utilize the City of Corona's Public Works form titled Quantity Estimate for Public Improvements (see Appendix B). This form includes materials, labor, and equipment in their cost estimate. In addition, when redevelopment activities occur the associated details will be utilized to prepare a revised O&M cost estimate.

Comment 2: *A figure showing the capped area of the site should be included with the cost estimate. The areal extent of the cap should be specified in the cost estimate. An engineering description of the cap should also be included in the basis of the estimate.*

Response: A copy of the grading plan is provided in Appendix B. The areal extent of the cap is identified on page one of the plans and is also utilized for the area calculations for the maintenance associated with AOC1/AOC5. Additionally, a description of the cap is included in the text portions of the grading plan documents.

Comment 3: *The asphalt pavement maintenance should include costs for crack repair, fog/slurry seal, and pavement resurfacing. CEWG recommends a resurfacing interval of 10 years.*

Response: As noted in Comment 1, line items for the individual tasks are provided in Appendix A. This includes minor crack repair, fog/slurry seal, and pavement resurfacing. As requested, the resurfacing interval of 10 years is included.

Comment 4: *DTSC oversight costs, including Land Use Covenant oversight, should be specified in the cost estimate.*

Response: As noted in Comment 1, the DTSC oversight costs are included. See Appendix A.

Comment 5: *A contingency should be included in the cost estimate. CEWG recommends at least a 15% contingency.*

Response: A 15% contingency is included. See Appendix A.

Comment 6: *The cost estimate should be prepared by a California licensed professional engineer because the operation and maintenance activities involve civil engineering. The cost estimate should be dated, signed, and stamped by the engineer in responsible charge who prepared the cost estimate.*

Response: The cost estimates have been approved and certified by a California licensed professional civil engineer. Please see the estimates provided in Appendix A.

If there are any questions regarding this letter, please contact one of the undesigned at 714-500-5400.

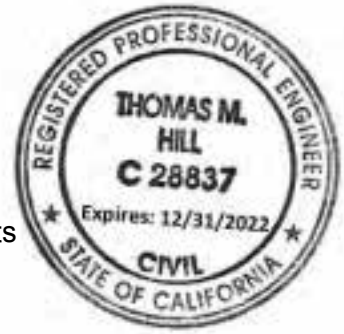
Respectfully submitted,

Rebecca Sundilson
Senior Scientist

Jeffrey D. Bennett, P.G. 6027
Principal Hydrogeologist



Thomas M. Hill, PE 28837
Professional Engineer



Enclosure: Appendix A - Cost Estimate Spreadsheets
Appendix B - Supporting Documentation

EarthCon Consultants CA, Inc.
1914 W. Orangewood Ave
Suite 102
Orange, CA 92868

P: 714-500-5400
F: 714-960-2462
www.earthcon.com

O&M COST ESTIMATE - ASPHALT COVER 30 YEAR

ANNUAL SITE INSPECTIONS				
Year	Fee*	Unit	# of Units	Subtotal
1	$2,500	Per Inspection	1	$2,500
2	$2,575	Per Inspection	1	$2,575.00
3	$2,652	Per Inspection	1	$2,652.25
4	$2,732	Per Inspection	1	$2,731.82
5	$5,628	Per Inspection	1	$5,627.54
6	$2,898	Per Inspection	1	$2,898.19
7	$2,985	Per Inspection	1	$2,985.13
8	$3,075	Per Inspection	1	$3,074.68
9	$3,167	Per Inspection	1	$3,166.93
10	$6,524	Per Inspection	1	$6,523.87
11	$3,360	Per Inspection	1	$3,359.79
12	$3,461	Per Inspection	1	$3,460.58
13	$3,564	Per Inspection	1	$3,564.40
14	$3,671	Per Inspection	1	$3,671.33
15	$7,563	Per Inspection	1	$7,562.95
16	$3,895	Per Inspection	1	$3,894.92
17	$4,012	Per Inspection	1	$4,011.77
18	$4,132	Per Inspection	1	$4,132.12
19	$4,256	Per Inspection	1	$4,256.08
20	$8,768	Per Inspection	1	$8,767.53
21	$4,515	Per Inspection	1	$4,515.28
22	$4,651	Per Inspection	1	$4,650.74
23	$4,790	Per Inspection	1	$4,790.26
24	$4,934	Per Inspection	1	$4,933.97
25	$10,164	Per Inspection	1	$10,163.97
26	$5,234	Per Inspection	1	$5,234.44
27	$5,391	Per Inspection	1	$5,391.48
28	$5,553	Per Inspection	1	$5,553.22
29	$5,720	Per Inspection	1	$5,719.82
30	$11,783	Per Inspection	1	$11,782.83
			Inspection Subtotal	**$144,153**

*3% annual increase

**Includes 5 Year Evaluation (2X Routine Inspection Costs)

See Supporting Calculations

COVER O&M		
Year	Task Item	Estimate*
1	Minor Crack Repair	$ 1,244.85
2	Minor Crack Repair	$ 1,282.20
3	Minor Crack Repair	$ 1,320.66
4	Minor Crack Repair	$ 1,360.28
5	Seal Coat	$ 136,132.56
6	Minor Crack Repair	$ 1,443.12
7	Minor Crack Repair	$ 1,486.42
8	Minor Crack Repair	$ 1,531.01
9	Minor Crack Repair	$ 1,576.94
10	Resurfacing	$ 193,616.59
11	Minor Crack Repair	$ 1,672.97
12	Minor Crack Repair	$ 1,723.16
13	Minor Crack Repair	$ 1,774.86
14	Minor Crack Repair	$ 1,828.10
15	Seal Coat	$ 140,656.36
16	Minor Crack Repair	$ 1,939.44
17	Minor Crack Repair	$ 1,997.62
18	Minor Crack Repair	$ 2,057.55
19	Minor Crack Repair	$ 2,119.27
20	Resurfacing	$ 199,934.96
21	Minor Crack Repair	$ 2,248.34
22	Minor Crack Repair	$ 2,315.79
23	Minor Crack Repair	$ 2,385.26
24	Minor Crack Repair	$ 2,456.82
25	Seal Coat	$ 141,303.93
26	Minor Crack Repair	$ 2,606.44
27	Minor Crack Repair	$ 2,684.63
28	Minor Crack Repair	$ 2,765.17
29	Minor Crack Repair	$ 2,848.13
30	Resurfacing	$ 200,685.68
	Cover O&M Subtotal	**$ 1,058,999.10**

*3% annual increase

**Per City of Corona-Quanity Estimate for Public Improvements (March 2018)

See Supporting Calculations

DTSC OVERSIGHT				
Year		Hourly Rate*,**	Hours	Subtotal
1	Annual Inspection &Report Review	$191	16	$3,056
2	Annual Inspection &Report Review	$196.73	16	$3,148
3	Annual Inspection &Report Review	$202.63	16	$3,242
4	Annual Inspection &Report Review	$208.71	16	$3,339
5	Annual Inspection & 5 Yr Report Review	$214.97	20	$4,299
6	Annual Inspection &Report Review	$221.42	16	$3,543
7	Annual Inspection &Report Review	$228.06	16	$3,649
8	Annual Inspection &Report Review	$234.91	16	$3,758
9	Annual Inspection &Report Review	$241.95	16	$3,871
10	Annual Inspection & 5 Yr Report Review	$249.21	20	$4,984
11	Annual Inspection &Report Review	$256.69	16	$4,107
12	Annual Inspection &Report Review	$264.39	16	$4,230
13	Annual Inspection &Report Review	$272.32	16	$4,357
14	Annual Inspection &Report Review	$280.49	16	$4,488
15	Annual Inspection & 5 Yr Report Review	$288.90	20	$5,778
16	Annual Inspection &Report Review	$297.57	16	$4,761
17	Annual Inspection &Report Review	$306.50	16	$4,904
18	Annual Inspection &Report Review	$315.69	16	$5,051
19	Annual Inspection &Report Review	$325.16	16	$5,203
20	Annual Inspection & 5 Yr Report Review	$334.92	20	$6,698
21	Annual Inspection &Report Review	$344.97	16	$5,519
22	Annual Inspection &Report Review	$355.32	16	$5,685
23	Annual Inspection &Report Review	$365.98	16	$5,856
24	Annual Inspection &Report Review	$376.96	16	$6,031
25	Annual Inspection & 5 Yr Report Review	$388.26	20	$7,765
26	Annual Inspection &Report Review	$399.91	16	$6,399
27	Annual Inspection &Report Review	$411.91	16	$6,591
28	Annual Inspection &Report Review	$424.27	16	$6,788
29	Annual Inspection &Report Review	$436.99	16	$6,992
30	Annual Inspection & 5 Yr Report Review	$450.10	20	$9,002
			Oversight Subtotal	**$153,096**

*3% annual increase

**Based on 2020-2021 Rate provided by Irena Edwards from email 3/23/21

OVERALL COST ESTIMATE	
Year	
1	$6,800.85
2	$7,004.88
3	$7,215.02
4	$7,431.47
5	$146,059.54
6	$7,884.05
7	$8,120.57
8	$8,364.19
9	$8,615.11
10	$205,124.69
11	$9,139.77
12	$9,413.97
13	$9,696.39
14	$9,987.28
15	$153,997.40
16	$10,595.50
17	$10,913.37
18	$11,240.77
19	$11,577.99
20	$215,400.88
21	$12,283.09
22	$12,651.58
23	$13,031.13
24	$13,422.07
25	$159,233.17
26	$14,239.47
27	$14,666.65
28	$15,106.65
29	$15,559.85
30	$221,470.59
TOTAL	**$1,356,247.96**
Contingency 15%	**$203,437.19**
PROJECT LIFETIME ESTIMATE	**$1,559,685.16**

Thomas M. Hill

Thomas M. Hill, PE 28837
Professional Engineer



SUPPORTING CALCULATIONS

ASPHALT CALCULATIONS

Area Calculations

AOC	Area (ft2)	
AOC1/AOC5	28,410	See Grading Plan
ACO2/AOC9	7503.39	See Attached figures
AOC3	13745.79	See Attached figures
AOC4	31179.7	See Attached figures
Total Area	80,838.88	

AC Pavement*	Area (ft2)	Depth (ft)	Conversion	Ton	Unit Cost	Subtotal
Asphalt (sf x depth x 0.075)	80,838.88	0.16666667	0.075	1010.486	$ 190.00	$ 191,992.34

Slurry Seal Coat*	Area (ft2)	yds2	Unit Cost	Subtotal
AC Fogseal	80,838.88	26946.2933	$ 5.00	$ 134,731.47

Crack Repair	Area (ft2)	Unit Cost	Subtotal
1% of Area	808.39	$ 1.50	$ 1,212.58

*Per City of Corona-Quanity Estimate for Public Improvements (March 2018)
Includes labor, materials, and equipment per City of Corona email 3/29/21 (Andrea Cisneros)

INSPECTION CALCULATIONS

Labor	Rate	Units	Subtotal
Principal	$ 190	2	$ 380
Senior Scientist	$ 130	10	$ 1,300
Staff Scientist	$ 100	6	$ 600
Admin	$ 60	1	$ 60
Expenses			
Vehicle Fee	$ 85	1	$ 85
Report Supplies	$ 25	1	$ 25
Shipping	$ 50	1	$ 50
			$ 2,500

Thomas M. Hill

Thomas M. Hill, PE 28837
Professional Engineer



CITY OF CORONA
PRECISE GRADING PLAN
1375 MAGNOLIA AVENUE

GRADING GENERAL NOTES

1. A GRADING PERMIT FROM THE PUBLIC WORKS DEPARTMENT IS REQUIRED. ALL GRADING SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF CORONA GRADING REGULATIONS– CORONA MUNICIPAL CODE 15.36. THESE PLANS, SPECIAL INSTRUCTIONS ON THE PERMIT, AND THE GEOTECHNICAL INVESTIGATION AND LIQUEFACTION EVALUATION DATED SEPTEMBER 10, 2019 BY GEOTECHNICAL PROFESSIONALS INC., AND ALL SUBSEQUENT ADDENDA.
2. SOURCE OF TOPOGRAPHY IS BASED ON FIELD SURVEY DATED SEPTEMBER 23, 2018.
3. A PRE–GRADING MEETING AT THE SITE IS REQUIRED BETWEEN THE CITY INSPECTOR, THE CIVIL ENGINEER, THE GEOTECHNICAL ENGINEER AND THE GRADING CONTRACTOR. CALL THE PUBLIC WORKS DEPARTMENT INSPECTION DIVISION AT (951) 279–3511 TO SCHEDULE A PRE–GRADING MEETING AT LEAST 48 HOURS PRIOR TO START OF ANY WORK.
4. HOURS OF OPERATION ARE 7:00 A.M. TO 5:00 P.M. – MONDAY THROUGH FRIDAY EXCLUDING HOLIDAYS.
5. SEPARATE PERMITS SHALL BE REQUIRED FOR ANY IMPROVEMENT WORK IN THE PUBLIC RIGHT–OF–WAY.
6. CONSTRUCTION MATERIAL AND EQUIPMENT SHALL NOT OCCUPY ANY PORTION OF THE PUBLIC RIGHT–OF–WAY, SUCH AS STREET, ALLEY OR PUBLIC SIDEWALK AT ANY TIME. TEMPORARY USE OF PUBLIC RIGHT–OF–WAY, WHENEVER REQUESTED, MUST BE REVIEWED AND APPROVED BY THE PUBLIC WORKS DIRECTOR.
7. REPAIR OR REPLACE ALL EXISTING DAMAGED OR ALTERED PUBLIC IMPROVEMENTS AS REQUIRED BY THE PUBLIC WORKS DIRECTOR.
8. ALL SURVEY MONUMENTS SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A QUALIFIED CIVIL ENGINEER OR A LICENSED LAND SURVEYOR.
9. PRIOR TO TAKING WATER FROM A CITY FIRE HYDRANT, THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE PUBLIC WORKS DEPARTMENT TO OBTAIN A FIRE HYDRANT WATER METER. METER LOCATION MAY NOT BE ALTERED WITHOUT DEPARTMENT OF WATER AND POWER APPROVAL.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES OR STRUCTURES ABOVE OR BELOW GROUND, SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGE TO ANY UTILITIES OR STRUCTURES CAUSED BY HIS OPERATION.
11. STRICT ADHERENCE TO DUST CONTROL REQUIREMENTS SHALL BE ENFORCED. ADJACENT STREETS ARE TO BE CLEANED DAILY OF ALL DIRT AND DEBRIS RESULTING FROM THIS OPERATION.
12. SEPARATE PERMITS FROM THE BUILDING DIVISION SHALL BE REQUIRED FOR ALL WALLS.
13. AN APPROVED PRECISE GRADING PLAN WILL BE REQUIRED PRIOR TO A BUILDING PERMIT BEING ISSUED.
14. THE DESIGN CIVIL ENGINEER/GEOTECHNICAL ENGINEER/ENGINEERING GEOLOGIST OF RECORD SHALL EXERCISE SUFFICIENT CONTROL DURING GRADING AND CONSTRUCTION TO ENSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE REQUIREMENTS WITHIN THEIR PURVIEW. THE ENGINEERS SHALL SUBMIT "ACKNOWLEDGMENT CONCERNING EMPLOYMENT" FORM TO THE CITY PRIOR TO THE ISSUANCE OF A GRADING PERMIT.
15. REVISIONS TO THE PLANS ARE TO BE SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR REVIEW AND APPROVAL PRIOR TO CHANGING ORIGINAL MYLARS.
16. THE CIVIL ENGINEER SHALL SUBMIT WRITTEN CERTIFICATION OF COMPLETION OF ROUGH GRADING IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND CERTIFICATION OF BUILDING PAD ELEVATION PRIOR TO ISSUANCE OF THE BUILDING PERMIT. PAD ELEVATION GRADING TOLERANCE SHALL NOT EXCEED ±0.10'.
17. AN "AS–BUILT" GRADING PLAN SHALL BE SUBMITTED AT THE COMPLETION OF WORK SHOWING ALL WATER QUALITY MANAGEMENT PLAN FACILITIES.
18. GRADING SHALL BE PERFORMED UNDER THE SUPERVISION OF THE GEOTECHNICAL ENGINEER WHO SHALL CERTIFY THAT ALL FILL HAS BEEN PROPERLY PLACED AND SUBMIT A FINAL COMPACTION REPORT FOR ALL FILLS OVER 1' DEEP.
19. THE GEOTECHNICAL ENGINEER SHALL, AFTER CLEARING AND PRIOR TO THE PLACEMENT OF FILL IN CANYONS, INSPECT EACH CANYON FOR AREAS OF ADVERSE STABILITY AND TO DETERMINE THE PRESENCE OR ABSENCE OF SUBSURFACE WATER OR SPRING FLOW. IF NEEDED, DRAINS WILL BE DESIGNED AND CONSTRUCTED PRIOR TO THE PLACEMENT OF FILL IN EACH RESPECTIVE CANYON.
20. FILL AREAS SHALL BE CLEANED OF ALL VEGETATION AND DEBRIS, SCARIFIED TO A MINIMUM DEPTH OF 12 INCHES AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACING OF FILL.
21. ALL DELETERIOUS MATERIALS, I.E., LUMBER, LOGS, BRUSH, OR ANY OTHER ORGANIC MATERIALS OR RUBBISH SHALL BE REMOVED FROM ALL AREAS TO RECEIVE COMPACTED FILL.
22. UNSUITABLE MATERIALS, SUCH AS TOPSOIL, WEATHERED BEDROCK, ETC., SHALL BE REMOVED AS REQUIRED BY GEOTECHNICAL ENGINEER (AND ENGINEERING GEOLOGIST, WHERE EMPLOYED) FROM ALL AREAS TO RECEIVE COMPACTED FILL OR DRAINAGE STRUCTURES.
23. FILLS SHALL BE BENCHED INTO COMPETENT MATERIAL.
24. WHEN CUT PADS ARE BROUGHT TO NEAR GRADE, THE GEOTECHNICAL ENGINEER SHALL DETERMINE IF THE BEDROCK IS EXTENSIVELY FRACTURED OR FAULTED AND WILL READILY TRANSMIT WATER. IF CONSIDERED NECESSARY BY THE GEOTECHNICAL ENGINEER, A COMPACTED FILL BLANKET WILL BE PLACED.
25. WHERE SUPPORT OR BUTTRESSING OF CUT AND NATURAL SLOPES IS DETERMINED TO BE NECESSARY BY THE GEOTECHNICAL ENGINEER, THE GEOTECHNICAL ENGINEER SHALL SUBMIT DESIGN, LOCATIONS AND CALCULATIONS TO THE PUBLIC WORKS DIRECTOR PRIOR TO CONSTRUCTION. THE GEOTECHNICAL ENGINEER WILL INSPECT AND CONTROL THE CONSTRUCTION OF THE BUTTRESSING AND CERTIFY TO THE STABILITY OF THE SLOPE AND ADJACENT STRUCTURES UPON COMPLETION.
26. ALL CUT SLOPES SHALL BE INVESTIGATED, BOTH DURING AND AFTER GRADING BY THE GEOTECHNICAL ENGINEER, TO DETERMINE IF ANY SLOPE HAS STABILITY PROBLEMS. SHOULD EXCAVATION DISCLOSE ANY GEOLOGICAL HAZARDS, THE GEOTECHNICAL ENGINEER SHALL RECOMMEND NECESSARY TREATMENT TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL. ALL APPROVALS TO BE GRANTED ON THE BASIS OF DETAILED GEOLOGICAL MAPPING AND WRITTEN RECOMMENDATION FROM THE GEOTECHNICAL ENGINEER.
27. MAXIMUM ALLOWABLE CUT AND FILL SLOPES ARE 2 TO 1 OR 30' IN HEIGHT WITHOUT APPROVAL OF THE PUBLIC WORKS DIRECTOR. IF PROPOSED CUT AND FILL SLOPES ARE STEEPER THAN 2:1 OR OVER 30' IN HEIGHT, STABILITY CALCULATIONS WITH A SAFETY FACTOR OF AT LEAST ONE AND FIVE TENTHS (1.5) SHALL BE SUBMITTED BY A GEOTECHNICAL ENGINEER FOR APPROVAL FROM THE PUBLIC WORKS DIRECTOR.
28. PROVIDE 4' WIDE BY 1' HIGH BERM OR EQUIVALENT ALONG THE TOP OF ALL FILL SLOPES OVER 5' HIGH, EXCEPT WHERE SHOWN OTHERWISE ON THE PLANS.
29. ALL SLOPES ADJACENT TO PUBLIC RIGHT–OF–WAY SHALL CONFORM TO SECTION 15.36.220 OF THE CORONA MUNICIPAL CODE.
30. ALL SLOPES 4' OR HIGHER SHALL BE PLANTED AND COMPLY WITH REQUIREMENTS OF CHAPTER 17 OF THE CORONA MUNICIPAL CODE.
31. TERRACE DRAINS, INTERCEPTOR DRAINS AND DOWN DRAINS SHALL BE CONSTRUCTED OF 4" P.C.C. (OR GUNITE) REINFORCED WITH 6"x6" –2 1.4x1.4 W.W.M. REBAR SHALL BE GRADE 60 BILLET STEEL CONFORMING TO ASTM A615.
32. ALL CONCRETE STRUCTURES THAT COME IN CONTACT WITH THE ON–SITE SOILS SHALL BE CONSTRUCTED WITH TYPE II OR V CEMENT AS DEEMED NECESSARY BY SOLUBLE SULFATE CONTENT TEST CONDUCTED BY THE GEOTECHNICAL ENGINEER. ALL CONCRETE SHALL BE CITY STANDARD 560–C–3250 (600–E 3250 FOR GUNITE) PER CITY STANDARD SPECIFICATIONS.
33. GROUND SHALL BE PRE–WETTED PRIOR TO THE PLACEMENT OF CONCRETE. MOISTURE LOSS RETARDANT SHALL BE USED WHEN REQUIRED BY THE GEOTECHNICAL ENGINEER OR PUBLIC WORKS DIRECTOR.
34. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND/OR OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL.

POST CONSTRUCTION BMP GENERAL NOTES:

1. THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMPS) FOR POST CONSTRUCTION STORM WATER TREATMENT.
2. CONSTRUCT THE STORM WATER TREATMENT FACILITIES AFTER ALL CONTRIBUTING DRAINAGE AREAS ARE STABILIZED AND TO THE SATISFACTION OF THE ENGINEER OF RECORD.
3. DO NOT USE THE DEVICES AS TEMPORARY SEDIMENT CONTROL FACILITIES DURING CONSTRUCTION.
4. THE FOLLOWING BMPS HAVE BEEN DESIGNED INTO THE PLANS. PLEASE REFER TO THE PROJECT'S APPROVED WATER QUALITY MANAGEMENT PLAN (WQMP) FOR ADDITIONAL BMP's AND OPERATION AND MAINTENANCE DETAILS:

   A. BIORETENTION FACILITY AND OR ON–SITE RETENTION

NOTE:

1. A SEWER BACKFLOW PREVENTOR IS NOT REQUIRED FOR THIS PROJECT
2. WATER PRESSURE REDUCING VALVES ARE REQUIRED FOR THIS PROJECT

NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES, SHOWN OR NOT SHOWN ON THESE PLANS

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION ON THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS OR PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY, THE OWNER, AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA) PH. 811, TWO (2) WORKING DAYS PRIOR TO DIGGING. NO CONSTRUCTION PERMIT ISSUED BY THE PUBLIC WORKS DEPARTMENT SHALL BE VALID INVOLVING UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS AN INQUIRY IDENTIFICATION NUMBER ISSUED BY U.S.A.

CARE SHOULD BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITES, THE PUBLIC WORKS DIRECTOR MAY REQUIRE TEMPORARY GUNITE SWALES, ENTERING OR LEAVING IMPROVEMENTS.

DECLARATION OF ENGINEER OF RECORD

I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS SHOWN ON THESE PLANS COMPLIES WITH ALL PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER OF RECORD FOR THE PLANS, I ASSUME FULL RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS. WITH RESPECT TO THE PLAN CHECK PERFORMED BY THE CITY OF CORONA, I UNDERSTAND AND ACKNOWLEDGE THE FOLLOWING: (1) THE PLAN CHECK IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THE PLANS COMPLY WITH THE CITY'S STANDARDS, PROCEDURES, POLICIES, AND ORDINANCES, (2) THE PLAN CHECK IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS, AND (3) THE PLAN CHECK DOES NOT RELIEVE ME OF MY LEGAL AND PROFESSIONAL RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS. AS THE ENGINEER OF RECORD, I AGREE TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE CITY, ITS ELECTED OFFICIALS, EMPLOYEES, AND AGENTS FROM ANY AND ALL ACTUAL OR ALLEGED CLAIMS, DEMANDS, CAUSES OF ACTION, LIABILITY, LOSS, DAMAGE, OR INJURY TO PROPERTY OR PERSONS, INCLUDING WRONGFUL DEATH, WHETHER IMPOSED BY A COURT OF LAW OR BY ADMINISTRATIVE ACTION OF ANY FEDERAL, STATE, OR LOCAL GOVERNMENTAL AGENCY, ARISING OUT OF OR INCIDENT TO ANY NEGLIGENT ACTS, OMISSIONS, OR ERRORS BY THE ENGINEER OF RECORD, ITS EMPLOYEES, CONSULTANTS, OR AGENTS.

WILLIAM D. BROOKS, RCE 53114 — EXPIRES 6/30/21 — 3/8/2021 DATE

ENGINEER OF RECORD

GEOTECHNICAL ENGINEER'S STATEMENT

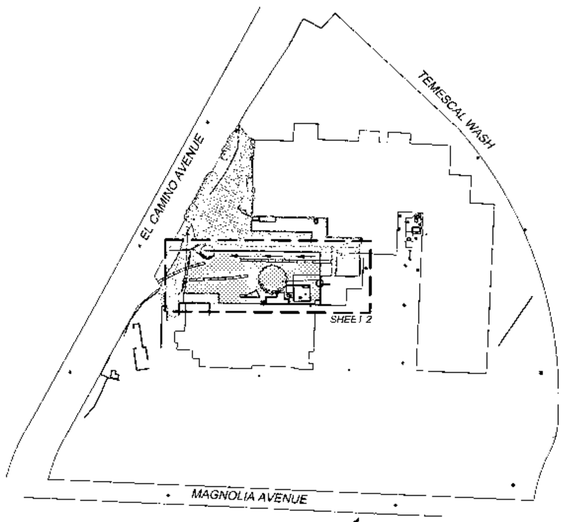
THIS PLAN HAS BEEN REVIEWED BY GEOTECHNICAL PROFESSIONALS INC. AND APPEARS TO BE IN GENERAL CONFORMANCE WITH RECOMMENDATIONS IN OUR REPORT DATED SEPTEMBER 10, 2019–PROJECT NO. 2945.1. THIS PLAN HAS BEEN REVIEWED FOR GEOTECHNICAL ASPECTS ONLY. WE MAKE NO REPRESENTATION REGARDING ACCURACY OF DIMENSIONS, QUANTITIES, MEASUREMENTS, CALCULATIONS, OR ANY PORTION OF THE DESIGN. GEOTECHNICAL CONDITIONS AND RECOMMENDATIONS SHOULD BE CONFIRMED BY THE GEOTECHNICAL CONSULTANT IN THE FIELD AT TIME OF CONSTRUCTION.

9-30-22

PAUL SCHADE — GE#2371 — EXP.
GEOTECHNICAL ENGINEER

ENGINEERING GEOLOGIST — CEG# — EXP.

REGISTERED PROFESSIONAL ENGINEER PAUL R. SCHADE No. 2371 GEOTECHNICAL STATE OF CALIFORNIA 3-9-21



INDEX MAP

150 0 150 300 450

SCALE 1" = 150'

DEMOLITION NOTES

		QTY	UNIT
(1)	REMOVE EXIST. RAIL SPUR	355	L.F.
(2)	REMOVE EXIST. CONCRETE PAD (6"± THICKNESS)	665	S.F.
(3)	REMOVE EXIST. AC PAVEMENTS (3"±)	1,075	S.F.
(4)	PROTECT IN PLACE EXIST. APPURTENANCE (AS LISTED)	–	–
(5)	REMOVE EXIST. TREE (DIA. PER PLAN)	4	EA.

CONSTRUCTION NOTES

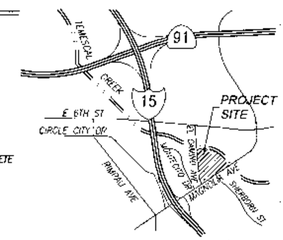
		QTY	UNIT
(10)	CONSTRUCT 3.5" AC PAVEMENT OVER 12" COMPACTED (90% RC) NATIVE MATERIAL	28,410	S.F.
(11)	PROTECT IN PLACE	–	–
(12)	INSTALL 6" AC BERM PER C.O.C. STD. DWG 140	375	L.F.

LEGEND

- EXIST. PCC PAVING
- EXIST. AC PAVING
- EXIST. LANDSCAPING
- PROP. PCC PAVING
- EXIST. BUILDING
- (XX.XX) / FS — EXIST. SPOT ELEVATION
- XX.XX / FS — PROP. SPOT ELEVATION
- x — EXIST. FENCE
- EXIST. TREES
- WALL/RET. WALL
- 1200 — PROP. CONTOUR
- X.XX% — PROP. RATE OF GRADE
- FLOWLINE

ABBREVIATIONS

AC	ASPHALT CONCRETE
C.O.C.	CITY OF CORONA
CONC	CONCRETE
DIA.	DIAMETER
EXIST.	EXISTING
FG	FINISH GRADE
FL OR ℄	FLOWLINE
FS	FINISH SURFACE
L.F.	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
NO.	NUMBER
PCC	PORTLAND CEMENT CONCRETE
P.I.P.	PROJECT–IN–PLACE
PROP.	PROPOSED
STD.	STANDARD
TYP.	TYPICAL
TW	TOP OF WALL



VICINITY MAP
NTS

BENCHMARK–CITY OF CORONA

VERTICAL DATUM NAVD88

COUNTY OF RIVERSIDE BM #601–34–69, A 2 1/2" BRASS DISK STAMPED "RIV. CO. B.M. 601–34–69 RESET 1975" SET IN TOP OF CONCRETE POST FLUSH WITH GROUND, LOCATED WWI W ALONG THE A.T.&S.F. RAILROAD LINE FROM WAY, RIV. CO., +/–48'S OF RAILROAD, +/–32' SE OF TELEGRAPH POLE #1 SSOM, +/–14' W OF THE CL PROLONGATION OF TEMESCAL ST +/–3' E OF 6' CHAIN LINK FENCE AND +/–' N OF TELEGRAPH GUY POLE WITH METER BOX

1988 ELEV=649.988 FEET NAVD88

HORIZONTAL DATUM NAD83, ZONE 6

NGS PID STATIONS AJ1887 AND AJ1896 EPOCH DATE 2000.35

ZONING DISTRICT

MIXED USE INDUSTRIAL/COMMERCIAL

LAND USE

EXISTING USE: BUSINESS PARK
PROPOSED USE: BUSINESS PARK

SERVICE PROVIDERS:

CORONA DEPT. OF PUBLIC WORKS	(951) 736–2261
CORONA DEPT. OF WATER & POWER	(951) 736–2321
SOUTHERN CALIFORNIA GAS	(909) 335–7733
SOUTHERN CALIFORNIA EDISON	(909) 930–8591
AT&T	(714) 688–5692
NEXTG NETWORKS	(909) 593–9700
TIME WARNER CABLE	(951) 547–3830
R.F. DICKSON STREET SWEEPING	(800) 841–7994
WESTERN WASTE	(951) 737–0343
CORONA DIAL–A–RIDE (SUPERVISOR)	(951) 734–1017
U.S. POSTAL SERVICE	(951) 737–0451
CORONA–NORCO UNIFIED SCHOOL DISTRICT	(951) 736–5340
SCHOOL DISTRICT TRANSPORTATION MANAGER	(951) 736–5305
RIVERSIDE TRANSIT AGENCY	(951) 684–0850
CORONA POLICE DEPARTMENT (FOR NOTIFICATION)	(951) 736–2330
CORONA FIRE DEPARTMENT (FOR NOTIFICATION)	(951) 736–2221
CROWN CASTLE ENG WEST (FIBER OPTIC)	(951) 736–2321

OWNER

CLOW VALVE COMPANY
1375 MAGNOLIA AVE.
CORONA, CA 92879
866–889–2411

ENGINEER

ARMSTRONG & BROOKS CONSULTING ENGINEERS
MAILING ADDRESS:
P.O. BOX 78088
CORONA, CA 92877–9998
OFFICE LOCATION:
1350 EAST CHASE DRIVE
CORONA, CA 92881
PH. (951) 372–8400 FAX (951) 372–8430
CONTACT: WILLIAM D. BROOKS

GEOTECHNICAL ENGINEER

GEOTECHNICAL PROFESSIONALS, INC.
5738 CORPORATE AVE.
CYPRESS, CA 90630
PH. (714) 220–2211
CONTACT: PAUL SCHADE, G.E.

ASSESSOR'S PARCEL NO.

107–030–022

LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS, ON THE WEST BY THE EASTERLY LINE OF THE PROPERTY SPUR OF THE ATCHINSON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84–227387 AND RE–RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85–028214 BOTH OF OFFICIAL RECORDS.

EARTHWORK QUANTITIES

NOTE: THE CONSTRUCTION QUANTITIES SHOWN ON THESE PLANS ARE FOR CITY FEE PURPOSES ONLY.
IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM INDIVIDUAL TAKEOFFS FOR BIDDING PURPOSES.

(PRELIMINARY QUANTITIES DO NOT INCLUDE SHRINKAGE FACTOR AND OVEREXCAVATION OVER THE SITE)

RAW CUT	582 CU. YDS.
RAW FILL	0 CU. YDS.
NET EXPORT	–582 CU. YDS.

SITE AREA

TOTAL AREA – 16.9 ACRES
DISTURBED AREA – 0.7 ACRES
TOTAL LOTS: 1
PARKING SPACES: N/A

SHEET INDEX:

TITLE SHEET 1
DEMOLITION PLAN 2
PRECISE GRADING & DRAINAGE PLAN. 3
EROSION CONTROL PLAN. 4

REGISTERED PROFESSIONAL ENGINEER WILLIAM D. BROOKS No. 53114 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

811 Know what's below. Call before you dig.

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING • ENGINEERING • SITE DEVELOPMENT
1350 EAST CHASE DRIVE • CORONA, CA 92881
MAIL: P.O. BOX 78088 CORONA, CA 92877–9998
T 951–372–8400 F 951–372–8430

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF WILLIAM D. BROOKS
Date 3/8/21 R.C.E. No. 53114

7023A, 05–138 D, 05–138P
90–113P, 97–502, 1971, C–1–116
Reference Plans for these Improvements

Date	By	REVISIONS	App'd

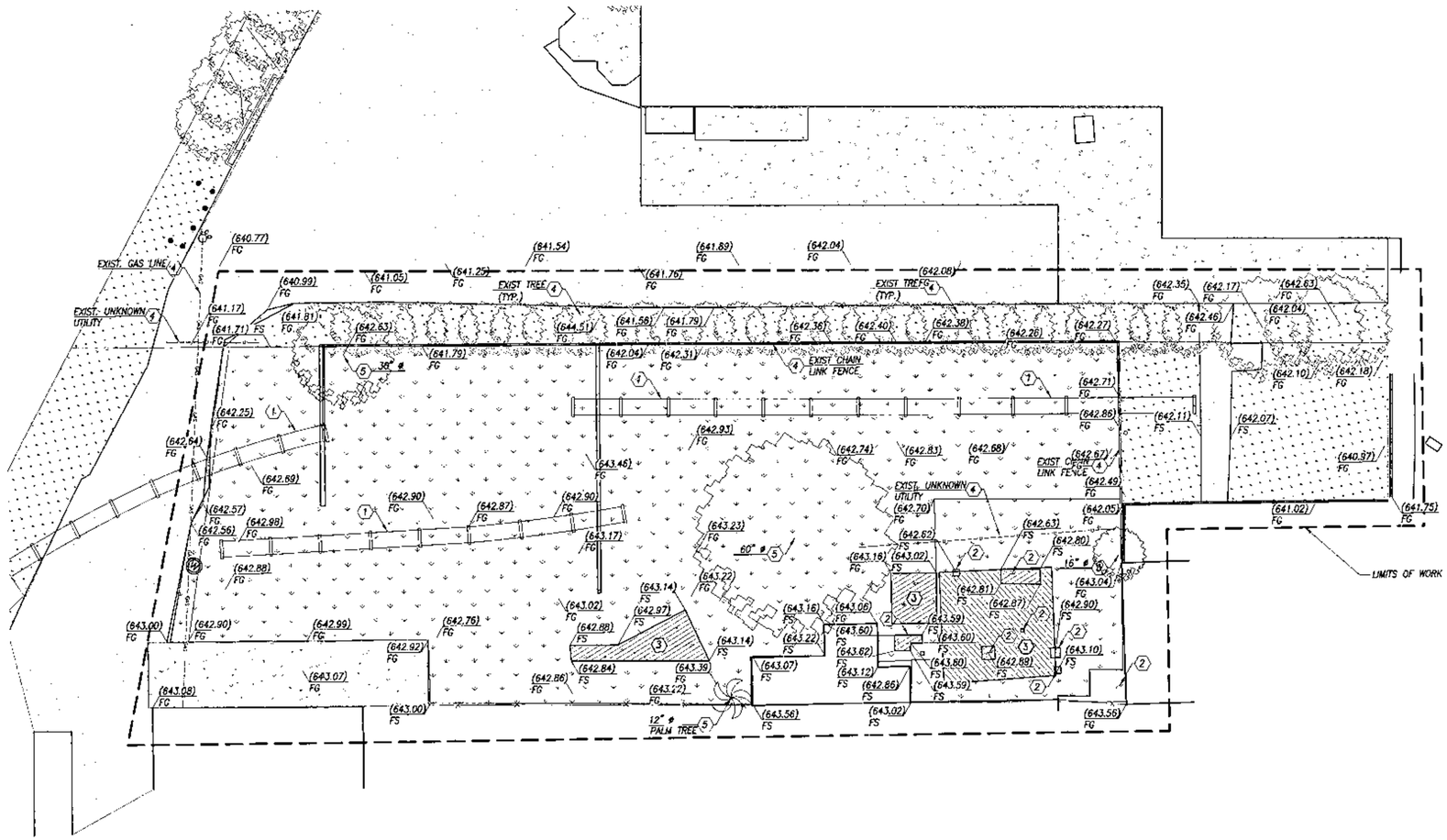
BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

Engineering JK 3/11/21
Planning LG
Fire

Approved By SAVAT KHAVP–OU City Engineer R.C.E. No 62095 Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
TITLE SHEET

PWGH2020-0025
Drawing No. 20-026P
Sh 1 of 4
24" x 36"



DEMOLITION NOTES

1	REMOVE EXIST. RAIL SPUR
2	REMOVE EXIST. CONCRETE PAD (6"± THICKNESS)
3	REMOVE EXIST. AC PAVEMENTS (3"±)
4	PROTECT IN PLACE EXIST. APPURTENANCE (AS LISTED)
5	REMOVE EXIST. TREE (DIA. PER PLAN)

EXIST. PCC	
EXIST. LANDSCAPE	
EXIST. AC	
EXIST. LANDSCAPING TO BE REMOVED	
REMOVE EXIST. AC	
REMOVE EXIST. PCC	

AC	ASPHALTIC CONCRETE
EXIST	EXISTING
FG	FINISH GRADE
FS	FINISH SURFACE
PCC	PORTLAND CEMENT CONCRETE

SCALE 1" = 20'

Know what's below. Call before you dig.

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING · ENTITLEMENTS · SITE DEVELOPMENT · WATER RESOURCES
P.O. BOX 1987 · CORONA, CA 92878-1987

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
Date 3-8-2021
WILLIAM D. BROOKS
R.C.E. No. 53114

Reference Plans for these Improvements: 7020A, 05-138 D, 05-138P; 90-138, 97-565, 1971, C 1-118

Date	By	REVISIONS	App'd

BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION

Scale AS SHOWN

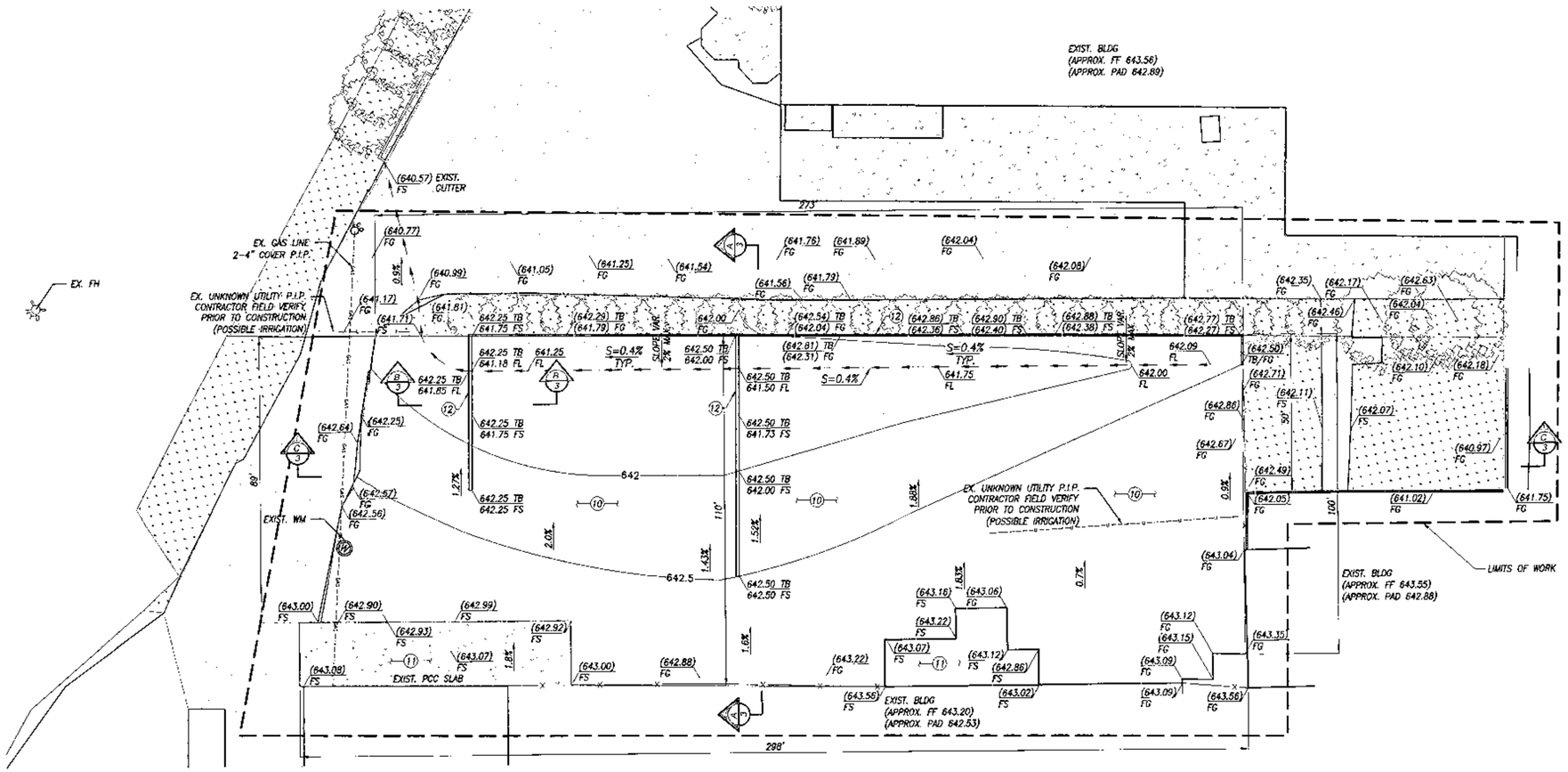
Engineering JK MH
Planning LG
Fire

Approved By
SAVAT KHAMPHOU
City Engineer
R.C.E. No. 62019
Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
DEMOLITION PLAN

PWGR2020-0025
Drawing No. 20-026P
Sh 2 of 4

24" x 36"



GRADING PLAN
1"=20'

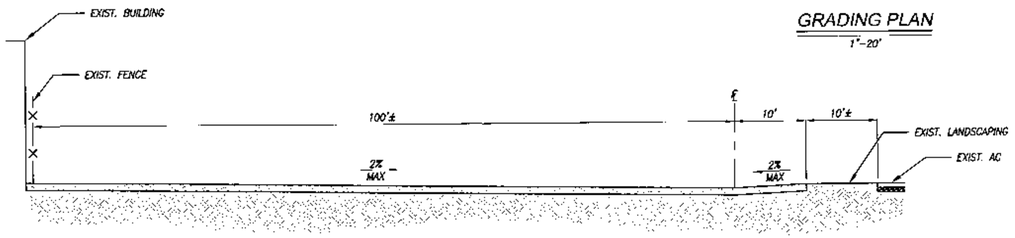
CONSTRUCTION NOTES

(10)	CONSTRUCT 3.5" AC PAVEMENT OVER 12" COMPACTED (90% RC) NATIVE MATERIAL
(11)	PROTECT IN PLACE
(12)	INSTALL 6" AC BERM PER C.O.C. STD. PLAN 140

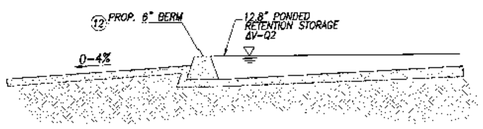
LEGEND

EXIST. PCC	
EXIST. LANDSCAPE	
EXIST. AC	
PROP. 3.5" AC PAVEMENT	

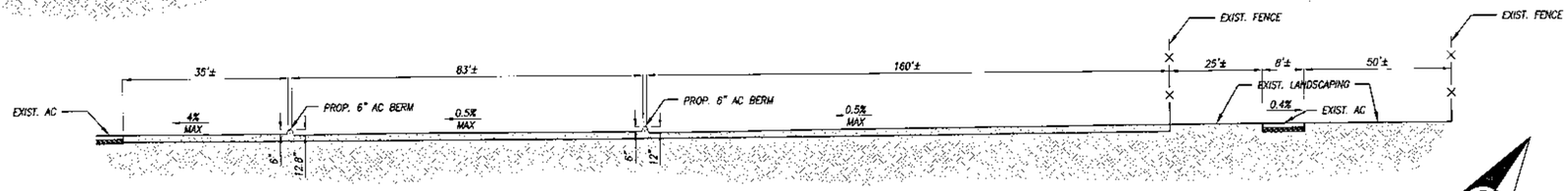
AC	ASPHALTIC CONCRETE
EXIST	EXISTING
FG	FINISH GRADE
FS	FINISH SURFACE
MAX.	MAXIMUM
PCC	PORTLAND CEMENT CONCRETE
RC	REINFORCED CONCRETE
TW	TOP OF WALL
TYP.	TYPICAL
VAR.	VARIABLE



SECTION A-A
NTS



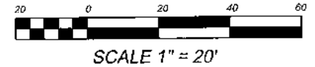
SECTION B-B
NTS



SECTION C-C
NTS







SCALE 1" = 20'

811 Know what's below. Call before you dig.

PWGR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING · SURVEYING · CIVIL · SITE DEVELOPMENT · WATER RESOURCES
26 E. 9TH STREET, SUITE 100, CLAREMONT, CA 91711
MAIN: P.O. BOX 2088, CLAREMONT, CA 91711-2088
T: 909-625-9400 F: 909-625-9496

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
WILLIAM D. BROOKS
Date 3-8-2021 R.C.E. No. 53114

7020A, 09-138, D. 05-138P
90-113P, 97-185, 1971, C-1-118

Reference Plans for these Improvements

Date	By	REVISIONS	App'd

BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION

Scale AS SHOWN

Engineering JK MH
Planning LG
Fire

Approved By
SAVAT KHAMPHOU
City Engineer
R.C.E. No 62019
Date 3/4/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
GRADING PLANS

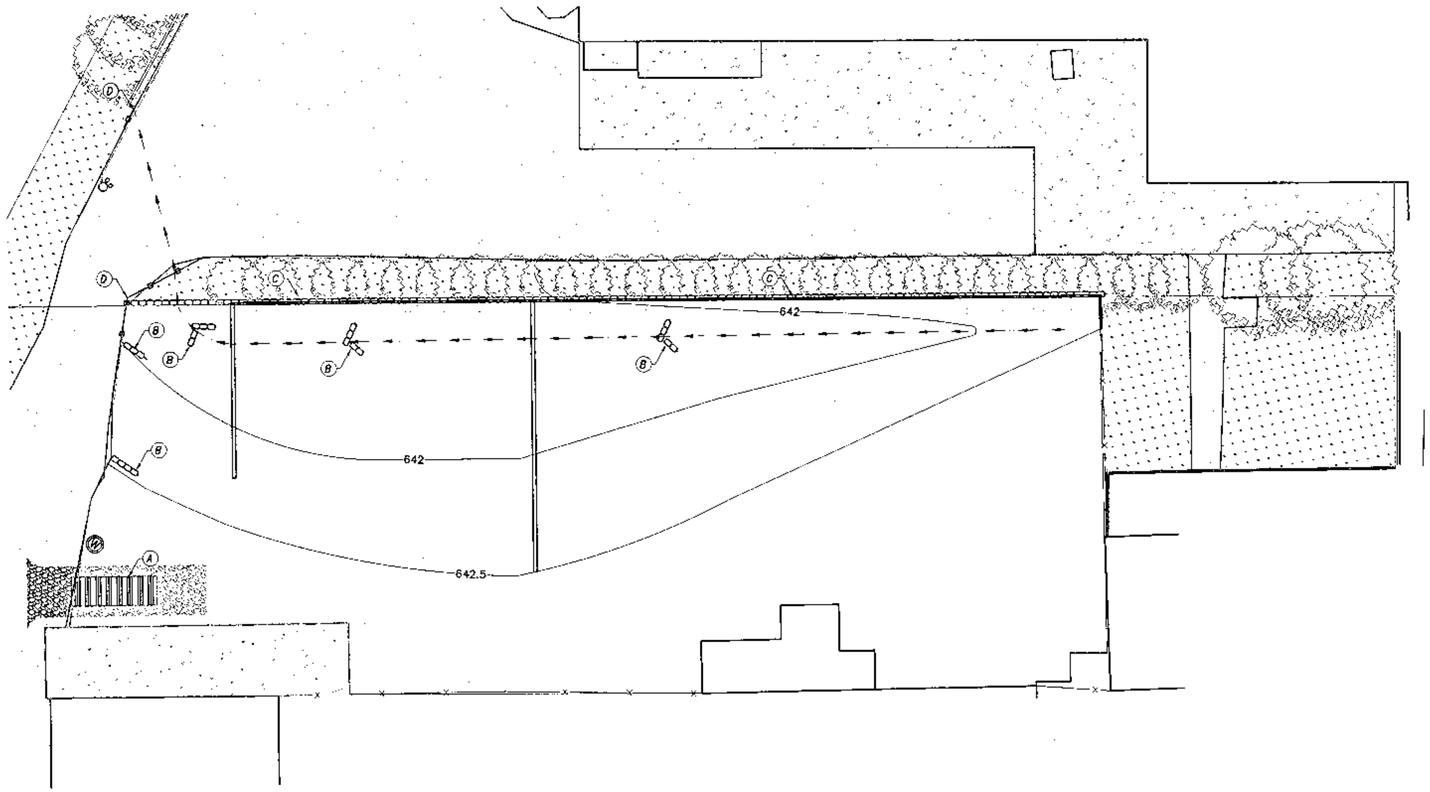
Drawing No. 20-026P
Sh 3 of 4

24" x 36"

EROSION CONTROL GENERAL NOTES:

1. EROSION CONTROL IS REQUIRED FOR GRADING OPERATIONS ON A YEAR ROUND BASIS. APPROVED PLANS ARE REQUIRED FOR ALL WORK REQUIRING A GRADING PERMIT.
2. IN CASE OF EMERGENCY CALL TIFFANY SMITH OF CLOW VALVE MANUFACTURING AT 317-364-0898.
3. THE ENGINEER OF RECORD WILL SUPERVISE EROSION CONTROL WORK AND INSURE THAT WORK IS IN ACCORDANCE WITH APPROVED PLANS.
4. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL
5. THE PUBLIC WORKS DIRECTOR RESERVES THE RIGHT TO MAKE CHANGES OR MODIFICATIONS TO THIS PLAN AS DEEMED NECESSARY.
6. STANDBY CREW FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS) OR TO REPAIR ANY DAMAGED BMP's WHEN RAIN IS IMMINENT.
7. AN EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED TO PREVENT AND/OR MINIMIZE THE TRANSPORT OF SOIL IN RUNOFF FROM DISTURBED SOIL AREAS ON THE CONSTRUCTION SITE AT ALL TIMES. IN ADDITION, BMPS SHALL BE INSPECTED PRIOR TO PREDICTED STORM EVENTS AND FOLLOWING STORM EVENTS. BMPS SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE CITY INSPECTOR.
8. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT, AS FORECASTED BY THE NATIONAL WEATHER SERVICE.
9. AFTER A RAIN EVENT EXCEEDING ONE-QUARTER INCH IN ANY 12 HOUR PERIOD, OR UPON DIRECTION OF THE PUBLIC WORKS DIRECTOR, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS, SILT FENCES, AND DESILTING BASINS; AND THE BASINS SHALL BE PUMPED DRY AND RESTORED TO ORIGINAL DESIGN CONDITION. ANY EROSION CONTROL MEASURES DAMAGED DURING A RAIN EVENT SHALL ALSO BE IMMEDIATELY REPAIRED.
10. DESILTING BASINS ARE TO BE CONSTRUCTED AS GRADING OF INDIVIDUAL GRADING AREAS ARE COMPLETE PER ROUGH GRADING PLANS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
12. AREAS SHALL BE MAINTAINED IN SUCH A STATE THAT FIRE ACCESS SHALL BE MAINTAINED AT ALL TIMES (INCLUDING ACCESS TO NEIGHBORING PROPERTIES).
13. GRADED AREAS AROUND THE SITE PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
14. TEMPORARY EROSION PROTECTION IS REQUIRED FOR MANUFACTURED SLOPES PRIOR TO PERMANENT PLANTING.
15. ALL DISTURBED SLOPES SHALL BE PLANTED AND PROTECTED WITHIN 45 DAYS OF THE COMPLETION OF EACH STAGE OF GRADING. SUITABLE MEASURES TO PREVENT SLOPE EROSION INCLUDING, BUT NOT LIMITED TO, RAPID GROWTH VEGETATION SUFFICIENT TO STABILIZE THE SOIL, SHALL BE INSTALLED ON ALL DISTURBED AREAS UNTIL SUCH TIME AS THE PERMANENT VEGETATIVE COVER SUFFICIENTLY MATURES TO PROVIDE PERMANENT STABILITY.
16. NO OBSTRUCTION OR DISTURBANCE OF NATURAL DRAINAGE COURSES OR EXISTING STORM DRAIN INLETS SHALL OCCUR DURING GRADING OPERATIONS, UNLESS ADEQUATE TEMPORARY/PERMANENT DRAINAGE FACILITIES HAVE BEEN APPROVED AND INSTALLED TO CARRY SURFACE WATER TO THE NEAREST PRACTICAL STREET, STORM DRAIN OR NATURAL WATER COURSE. ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST BE MAINTAINED IN A STATE TO ALLOW FOR CONTINUOUS FUNCTION.
17. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER THAT STORM RUNOFF WILL BE CONTAINED WITHIN THE PROJECT OR CHANNELED INTO THE STORM DRAIN SYSTEM WHICH SERVES THE RUNOFF AREA. STORM RUNOFF FROM ONE AREA SHALL NOT BE ALLOWED TO DIVERT TO ANOTHER RUNOFF AREA.
18. CONFORMANCE WITH THE REQUIREMENTS OF THESE PLANS SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TO THIS SITE AND ADJACENT PROPERTIES. DURING GRADING OPERATIONS, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO ADJACENT PROPERTIES. TEMPORARY DRAINAGE CONTROL SHALL CONSIST OF, BUT NOT BE LIMITED TO, CONSTRUCTING SUCH FACILITIES AND TAKING SUCH MEASURES AS ARE NECESSARY TO PREVENT, CONTROL AND ABATE WATER, MUD AND EROSION DAMAGE TO PUBLIC AND PRIVATE PROPERTY AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT.
19. FILL AREAS WHILE BEING BROUGHT UP TO GRADE AND DURING PERIODS OF COMPLETION PRIOR TO FINAL GRADE, SHALL BE PROTECTED BY VARIOUS MEASURES TO ELIMINATE EROSION AND THE SILTATION OF DOWNSTREAM FACILITIES AND ADJACENT AREAS. THESE MEASURES MAY INCLUDE, BUT SHALL NOT BE LIMITED TO: TEMPORARY DOWN DRAINS, EITHER IN THE FORM OF PIPES OR PAVED DITCHES TO DESILT RUNOFF; PROTECTION SUCH AS SAND BAGS AROUND INLETS WHICH HAVE NOT BEEN BROUGHT UP TO GRADE; AND EARTH BERMS AND APPROPRIATE GRADING TO DIRECT DRAINAGE AWAY FROM THE EDGE OF THE TOP OF SLOPES SHALL BE CONSTRUCTED AND MAINTAINED ON THOSE FILL AREAS WHERE EARTHWORK OPERATIONS ARE NOT IN PROGRESS.
20. CLEARING AND GRUBBING SHOULD BE LIMITED TO AREAS THAT WILL RECEIVE IMMEDIATE GRADING. EROSION CONTROL MEASURES WILL BE REQUIRED TO PROTECT AREAS WHICH HAVE BEEN CLEARED AND GRUBBED PRIOR TO GRADING OPERATION, AND WHICH ARE SUBJECT TO RUNOFF DURING A RAIN EVENT. THESE MEASURES MAY INCLUDE BUT SHALL NOT BE LIMITED TO: GRADED DITCHES; BRUSH BARRIERS AND SILT FENCES. CARE SHALL BE EXERCISED TO PRESERVE VEGETATION BEYOND LIMITS OF GRADING.
21. CONSTRUCTION SITES SHALL BE MANAGED TO MINIMIZE THE EXPOSURE TIME OF DISTURBED SOIL AREAS THROUGH PHASING AND SCHEDULING OF GRADING TO THE EXTENT FEASIBLE AND THE USE OF TEMPORARY AND PERMANENT SOIL STABILIZATION.
22. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO ELIMINATE OR REDUCE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND.
23. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT WIND OR RUNOFF DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJORNING PROPERTIES.
24. DISCHARGES OTHER THAN STORM WATER (NON-STORM WATER DISCHARGES) ARE PROHIBITED, EXCEPT AS AUTHORIZED BY AN INDIVIDUAL NPDES PERMIT, THE STATEWIDE GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY, OR OTHER APPLICABLE GENERAL NPDES PERMIT. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, SOLVENTS, DETERGENTS, GLUES, LIME, PESTICIDES, HERBICIDES, FERTILIZERS, WOOD PRESERVATIVES, AND ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; CONCRETE AND RELATED CUTTING OR CURING RESIDUES; FLOATABLE WASTES; WASTES FROM STREET CLEANING; SUPER-CHLORINATED POTABLE WATER FROM LINE FLUSHING AND TESTING, AND RUNOFF FROM EQUIPMENT AND VEHICLE WASHING. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ONSITE PHYSICALLY SEPARATED FROM POTENTIAL STORM WATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
25. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS
26. PAVED STREETS, SIDEWALKS AND OTHER IMPROVEMENTS SHALL BE MAINTAINED IN A NEAT CLEAN CONDITION, FREE OF LOSE SOIL, CONSTRUCTION DEBRIS AND TRASH. STREET SWEEPING OR OTHER EQUALLY EFFECTIVE MEANS SHALL BE USED ON A REGULAR BASIS TO CONTROL SILT THAT HAS BEEN DEPOSITED ON STREETS OR SIDEWALKS. WATERING SHALL NOT USED TO CLEAN STREETS.
27. DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING GROUNDWATER THAT HAS INFILTRATED INTO THE CONSTRUCTION SITE IS PROHIBITED. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS ALSO PROHIBITED. DISCHARGING NON-CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING ACTIVITIES MAY REQUIRE A NPDES PERMIT FROM THE SANTA ANA REGIONAL BOARD.
28. ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.

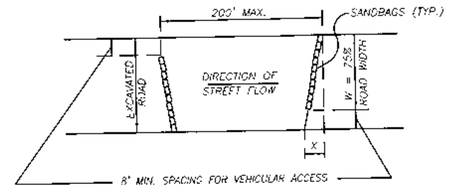
811 Know what's below. Call before you dig.



EROSION CONTROL PLAN
1"=20'

LEGEND

- EXIST. PCC
- EXIST. LANDSCAPE
- EXIST. AC
- PROP. AC
- SANBAGS
- SILT FENCE



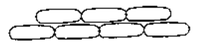
W	X
20'-30'	5
31'-40'	7
41'-50'	9
51'-60'	10.5
61'-70'	12

STREET	GRADE	LENGTH
200'	< 4%	
100'	4-8%	
50'	> 8%	

SANDBAG VELOCITY REDUCER (A)
NTS



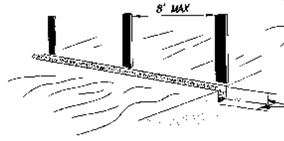
PLAN
NTS



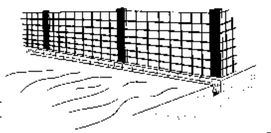
SECTION A-A
NTS

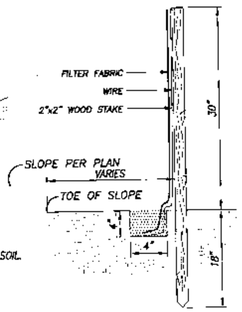
ECS 52 SANDBAGS (B)
NTS

1. SET POSTS AND EXCAVATE A 4" BY 4" TRENCH UPSLOPE FROM AND ALONG THE LINE OF POSTS (SEE SECTION D-D).



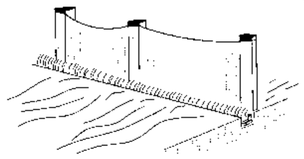
2. STAPLE WIRE FENCING TO THE POSTS.



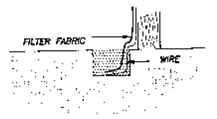


SECTION D-D
NTS

3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



SILT FENCE DETAIL (C)
NTS

EROSION CONTROL NOTES *ALL EROSION CONTROL MEASURES PER CA. STORMWATER BMP'S		QTY.	UNIT
(A)	INSTALL STABILIZED CONSTRUCTION ENTRANCE PER C.O.C. STD 225	1	EA.
(B)	INSTALL SANDBAG VELOCITY REDUCER PER DETAIL A	53	L.F.
(C)	INSTALL SINGLE ROW GRAVEL BAGS - 2 BAG HIGH PER DETAIL B	275	L.F.
(D)	INSTALL SILT FENCE PER DETAIL C	47	L.F.

NOTE: FINAL LOCATION OF EROSION CONTROL MEASURES WILL BE DETERMINED AT THE CONSTRUCTION MANAGER'S DISCRETION

REGISTERED PROFESSIONAL ENGINEER — WILLIAM D. BROOKS — No. 53114 — Exp. 6/30/21 — CIVIL — STATE OF CALIFORNIA

N

20 0 20 40 60

SCALE 1" = 20'

PWGR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS	Designed by W.D.B.	Drawn by R.R.T.	Checked by W.D.B.
PLANNING ENGINEERING CIVIL SURVEYING GEOLOGY WATER RESOURCES 1130 KANA ONASE DRIVE CORONA, CA 92881 MAIL: P.O. BOX 7385 CORONA, CA 92877-0385 P 951-272-5300 F 951-279-4280	PLANS PREPARED UNDER SUPERVISION OF WILLIAM D. BROOKS R.C.E. No. 53114 Date 3/2021	702CA, 05-138 D, 04-138P 90-1139, 97-568, 1971, C-1-138 Reference Plans for these Improvements	Date / By / REVISIONS / Appd

BENCH MARK: TBM ELEV.=803.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

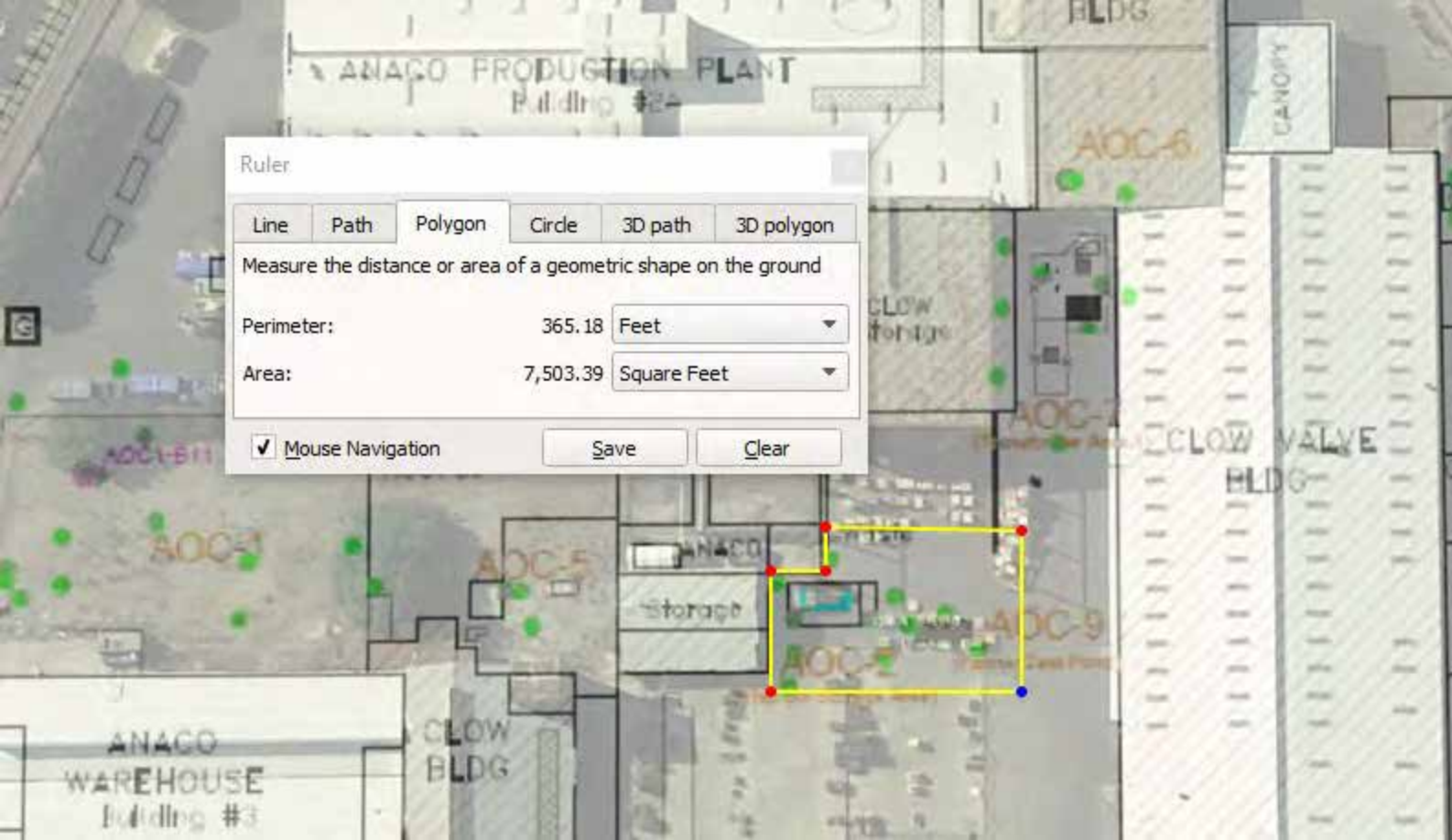
Engineering JK MH
Planning LG
Fire

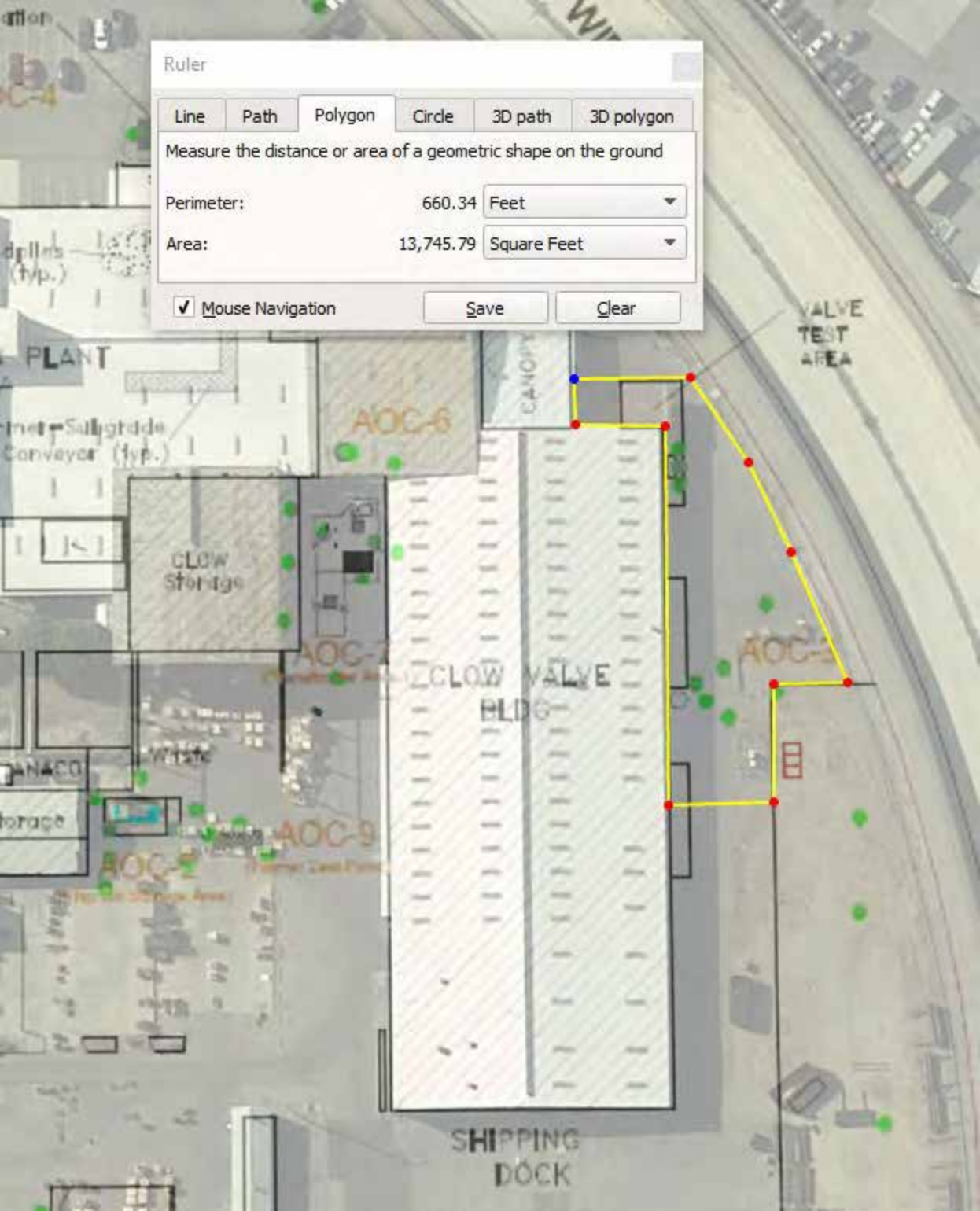
Approved By: SAVAT KHAMPHOU, City Engineer, R.C.E. No 62019 — Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
EROSION CONTROL PLAN

Drawing No. 20-026P
Sh 4 of 4

24" x 36"


ANACO PRODUCTION PLANT
Building #2
BLDG
CANOPY
AOC-6
AOC-7
AOC-8
AOC-5
AOC-9
AOC-4
ANACO
Storage
CLOW VALVE BLDG
ANACO WAREHOUSE
Building #3
CLOW BLDG
Ruler
Line
Path
Polygon
Circle
3D path
3D polygon
Measure the distance or area of a geometric shape on the ground
Perimeter:
365.18
Feet
Area:
7,503.39
Square Feet
Mouse Navigation
Save
Clear


Ruler
Line
Path
Polygon
Circle
3D path
3D polygon
Measure the distance or area of a geometric shape on the ground
Perimeter:
660.34
Feet
Area:
13,745.79
Square Feet
Mouse Navigation
Save
Clear
PLANT
AOC-6
CLOW Storage
CLOW VALVE BLDG
AOC-9
AOC-2
VALVE TEST AREA
SHIPPING DOCK


Ruler
Line
Path
Polygon
Circle
3D path
3D polygon
Measure the distance or area of a geometric shape on the ground
Perimeter:
233.51
Feet
Area:
3,119.70
Square Feet
Mouse Navigation
Save
Clear
AOC-4
AOC-6
CLOW VALVE BLDG
CANOPY
MW-2
CLOW Storage
AOC1-B11
AOC1-B3

QUANTITY ESTIMATE FOR PUBLIC IMPROVEMENTS MARCH 2018

Project #: _____

Location: _____

Item	*Unit*	*Unit Cost*	*Quantity*	*Cost*
Removal				
AC Berm	LF	$8.00		$
AC Pavement	SF	$3.00		$
Curb Only	LF	$10.00		$
Curb & Gutter	LF	$16.00		$
D/W Approach	SF	$13.00		$
Sidewalk	SF	$8.00		$
W/C Ramp	SF	$8.00		$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**
Relocation				
Power/Telephone Pole	EA	$5,000.00		$
Pull Boxes	EA	$500.00		$
Street Light	EA	$6,000.00		$
Street Sign	EA	$400.00		$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**
Asphalt				
AC Berm 6"	LF	$35.00		$
AC Berm 8"	LF	$38.00		$
AC Fogseal	SY	$5.00		$
AC Overlay	SY	$8.00		$
AC Pavement	SF			$
Asphalt (sf x depth x 0.075)	TON	$190.00		$
Base (sf x depth / 27)	CY	$110.00		$
Fogseal	SY	$5.00		$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**
Concrete				
Alley Approach, 8" PCC	SF	$28.00		$
Curb Only 6"	LF	$35.00		$
Curb Only 8"	LF	$39.00		$
Curb & Gutter 6"	LF	$42.00		$
Curb & Gutter 8"	LF	$44.00		$

Cross Gutter & Spandrel	SF	$29.00		$
D/W Approach, Complete	EA	$6,000.00		$
D/W Approach, 6"	SF	$28.00		$
D/W Approach, 8"	SF	$30.00		$
Pavement, 6"	SF	$13.00		$
Pavement, 8"	SF	$15.00		$
Sidewalk, 4"	SF	$13.00		$
V-Gutter	SF	$38.00		$
W/C Ramp	EA	$3,800.00		$
W/C Ramp	SF	$30.00		$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**

Storm Drain				
Box Culvert (Including Backfill)	CY	$3,500.00		$
Box Culvert (Unapp. Areas)	CY	$2,500.00		$
Catch Basin, W<8'	EA	$7,000.00		$
Catch Basin, W>8'	EA	$10,500.00		$
Channel, Reinf. Conc. Lined	SF	$13.00		$
Channel, Open Conc. <24"	LF	$150.00		$
Channel, Open Conc. 27"-36"	LF	$250.00		$
Channel, Open Conc. 42"-72"	LF	$500.00		$
Collar, 45"-60"	EA	$1,300.00		$
Collar, >60"	EA	$2,000.00		$
Encasement	LF	$65.00		$
Energy Dissipater	LS	$10,000.00		$
Grate Inlet, 12" x 12"	EA	$500.00		$
Grate Inlet, 24" x 24"	EA	$1,300.00		$
Grate Inlet, 36" x 36"	EA	$5,000.00		$
Headwalls, Gravity Type	EA	$2,000.00		$
Headwalls, Wing Type	EA	$9,000.00		$
Inlet Apron	EA	$3,000.00		$
Junction Structure	EA	$10,000.00		$
Manhole, H<8'	EA	$6,000.00		$
Manhole, H>8'	EA	$8,000.00		$
Pipe, 18" RCP	LF	$159.00		$
Pipe, 24" RCP	LF	$201.00		$
Pipe, 30" RCP	LF	$241.00		$
Pipe, 36" RCP	LF	$280.00		$
Pipe, 42" RCP	LF	$318.00		$
Pipe, 48" RCP	LF	$355.00		$
Pipe, 54" RCP	LF	$391.00		$
Pipe, 60" RCP	LF	$426.00		$
Pipe, 66" RCP	LF	$461.00		$
Pipe, 72" RCP	LF	$495.00		$
Pipe, 78" RCP	LF	$528.00		$

Pipe, 84" RCP	LF	$561.00		$
Rip-Rap, Grouted	SF	$10.00		$
Rip-Rap, Grouted	Ton	$75.00		$
Transition Structure	EA	$5,000.00		$
Underwalk Drain, W<6'	EA	$3,000.00		$
Underwalk Drain, W>6'	EA	$4,000.00		$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**

Street Lights				
Pull Box No. 3 1/2	EA	$500.00		$
Pull Box No. 5	EA	$700.00		$
Service Point	EA	$7,000.00		$
St. Light, 501 - 1 only	EA	$5,000.00		$
St. Light, 501 - 2 to 5	EA	$4,900.00		$
St. Light, 501 - 5+	EA	$4,800.00		$
St. Light, 502 - 1 only	EA	$5,500.00		$
St. Light, 502 - 2 to 5	EA	$5,400.00		$
St. Light, 502 - 5+	EA	$5,300.00		$
St. Lt. Conduit, 1" Sch 80				$
<500 LF	LF	$12.00		$
>500 LF	LF	$10.00		$
St. Lt. Conduit, 1 1/2				$
<500 LF	LF	$16.00		$
>500 LF	LF	$14.00		$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**

Traffic				
Signal, 6 phse+MstrCont.	EA	$300,000.00		$
Signal, 8 phse+MstrCont.	EA	$350,000.00		$
Signal, Both+Intrconnect	LF	$25.00		$
Striping, 4" Sld wht/ylw	LF	$0.50		$
Striping, 8" Sld wht/ylw	LF	$0.65		$
Striping 12" Sld wht/ylw	LF	$2.50		$
Striping, Skip	LF	$0.35		$
Striping, Double	LF	$0.75		$
			SUBTOTAL	**$**

Walls				
Retaining Walls	SF	$15.00		$

Miscellaneous				
Barricade, 40'	EA	$1,600.00		$
Water Lateral	EA	$5,000.00		$

Water Meter Installation	EA	$2,500.00		$
Paving Replacement, Trench	LF	$16.00		$
Pressure Reducing Station	EA	$90,000.00		$
Shoring for Trenches > 5' Deep	LF	$17.00		$
Street Name Signs	EA	$500.00		$
OTHER=				$
OTHER=				$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**

Sewer				
Manhole, 5' dia., 12' to 20' deep	EA	$10,000.00		$
Manhole, 5' dia. > 20' deep	EA	$13,000.00		$
Pipe, 4" VCP	LF	$70.00		$
Pipe, 6" VCP	LF	$106.00		$
Pipe, 8" VCP	LF	$142.00		$
Pipe, 10" VCP	LF	$178.00		$
Pipe, 12" VCP	LF	$215.00		$
Pipe, 15" VCP	LF	$270.00		$
Pipe, 4" DIP	LF	$70.00		$
Pipe, 6" DIP	LF	$106.00		$
Pipe, 8" DIP	LF	$142.00		$
Pipe, 10" DIP	LF	$178.00		$
Pipe, 12" DIP	LF	$215.00		$
Pipe, 15" DIP	LF	$270.00		$
			SUBTOTAL	**$**

Miscellaneous Sewer				
Adjust Manhole	EA	$2,000.00		$
Clean Out	EA	$2,000.00		$
Saddle	EA	$2,610.00		$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**

Water				
Pipe, 4" DIP	LF	$43.00		$
Pipe, 6" DIP	LF	$57.00		$
Pipe, 8" DIP	LF	$75.00		$
Pipe, 10" DIP	LF	$93.00		$
Pipe, 12"DIP	LF	$105.00		$
Valve, 4"	EA	$1,500.00		$
Valve, 6"	EA	$1,800.00		$
Valve, 8"	EA	$2,800.00		$
Valve, 10"	EA	$4,000.00		$

Valve, 12"	EA	$5,300.00		$
Valve, 16"	EA	$7,500.00		$
			SUBTOTAL	**$**

Miscellaneous Water				
Air & Vac, 1"	EA	$2,700.00		$
Fire Hydrant, 6"	EA	$4,900.00		$
Fire Service, 6"	EA	$12,000.00		$
Fire Service, 8"	EA	$20,000.00		$
Fire Service 10"	EA	$30,000.00		$
Hot Tap, 8"	EA	$3,550.00		$
Hot Tap, 10"	EA	$3,900.00		$
Hot Tap, 12"	EA	$4,750.00		$
Service, 1"	EA	$2,500.00		$
Service, 2"	EA	$3,400.00		$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**
			TOTAL COST	**$**

PREPARED BY:

Engineer's Name & Signature **WET STAMP & DATE**

Company

Tel No/Email

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

Mark Willett
Vice Principal/General Manager
Clow Valve Company
1375 Magnolia Avenue
Corona, California 92879
mark.willett@clowvalve.com

Britton T. Winterer
Vice President
B9 Magnolia Owner, LLC
Link Logistics Real Estate
90 Park Avenue, 32nd Floor
New York, New York 10016
bwinterer@linklogistics.com

Re: Amendment 1 to TSCA PCB Cleanup Plan for Clow Valve Company, 1375 Magnolia Avenue, Corona, California–CATSCA102301

Dear Mark Willett and Britton Winterer:

Thank you for working with the U.S. Environmental Protection Agency, Region 9 ("USEPA") to address the disposal of polychlorinated biphenyls ("PCBs") found at Clow Valve Company ("Clow") located at 1375 Magnolia Avenue in Corona, California (the "Site"). USEPA has reviewed the *Risk-Based Approval Modification Application 40 CFR 761.61 (c)(1)* ("Amendment 1") dated April 25, 2022 prepared by WSP USA ("WSP") on behalf of Clow and the current owner of the property, B9 Magnolia Owner, LLC ("B9 Magnolia").

The original *Risk-Based Approval Application* (the "Application") dated April 9, 2019 approved leaving soils containing PCBs in place, in some cases under existing concrete caps. A land use covenant for the Site was recorded in November 2021, and there is a soil management plan and operation and maintenance plan addressing maintenance of the caps.

During implementation of the Application workplan, additional PCB-impacted soil was discovered. Amendment 1 proposes to excavate soil from two areas with elevated PCB levels surrounding sample locations AOC7-B1 and S-60, and to cap all remaining locations with total PCB levels above the approved cleanup level of 15 ppm.

Sample locations AOC7-B1 (within the cap area) and S-60 (outside the cap area) have total PCB levels of approximately 2,200 ppm and 37 ppm respectively. Material from these areas will be removed prior to implementation of grading activities, and confirmation sampling will ensure that the cleanup level of 15 ppm has been reached. Excavations will be backfilled in accordance with the 2001 *DTSC Information Advisory Clean Imported Fill Material Fact Sheet*.

The Site is being redeveloped into a warehouse and distribution center following remediation. The cap will consist of a mix of 6-inch concrete, building footprint, and 10-inch compacted soil. The maximum PCB level to be left in place under the cap is 290 ppm. The maximum level to be left uncapped is approximately 3 ppm.

Redevelopment of the Site will require Site-wide grading. Soil from within the capped area will not be moved outside the capped area. This will ensure that soil from the capped area, which has relatively high levels of PCBs, does not contaminate the rest of the Site. Additionally, any soil that is excavated from the capped area and disposed off-site will be disposed as if it has at or above 50 ppm PCBs.

USEPA is approving Amendment 1 with conditions pursuant to 40 C.F.R. § 761.61(c) (i.e., risk-based disposal standards of TSCA). USEPA finds that the methods described in Amendment 1, as modified by the conditions in this approval, will not pose an unreasonable risk of injury to health or the environment. Clow and B9 Magnolia shall implement Amendment 1 as modified by the conditions listed below.

USEPA Conditions of Approval and Additional Comments:

1. **Off-Site Applications:** Initial sample results indicate PCB contamination from the Site has spread to an adjacent property to the east owned by Riverside County. Sample results from near the western fence line of the Site indicate contamination may have spread to a property owned by BSNF Railroad. Clow and B9 Magnolia shall submit an application(s) for the Riverside County and BSNF Railroad properties within one (1) year of the date of this letter, unless USEPA agrees in writing that characterization sampling data for these area(s) indicate an application(s) is not needed under TSCA. Any characterization sampling shall be completed within nine (9) months of the date of this letter.

2. **Soil Management Plan and O&M Plan Amendment:** The existing soil management plan ("SMP") and operation and maintenance plan ("O&M plan") shall be amended to include updated figure(s) showing the known PCB levels left in place and the TSCA cap area(s), address maintenance of concrete and soil caps, and to specify that any soil removed from the footprint of the cap must be disposed as if it has at or above 50 ppm PCBs. The amended SMP and O&M plan shall also state that any changes to land use or modification or removal of the TSCA cap requires notification by the owner and/or occupant to, and additional approval from, USEPA. Updated versions of these documents shall be submitted for USEPA approval within 30 days of submittal of the cleanup completion report.

3. **Land Use Control Amendment:** The applicant shall revise the existing Land Use Covenant ("LUC") with the California Department of Toxic Substances Control ("DTSC") and submit a draft to USEPA for review and approval no later than 90 days after submittal of the cleanup completion report. The revised LUC shall reference Amendment 1, include updated figure(s) showing the known PCB levels left in place and the TSCA cap area(s), require that any soil removed from the footprint of the TSCA cap be disposed as PCB remediation waste disposed as if it has at or above 50 ppm PCBs, and require that any changes to land use or modification or removal of the TSCA cap requires notification by the owner and/or occupant to, and additional approval from, USEPA. The revised LUC shall also document the following: (1) the PCB levels left in place following the work approved in Amendment 1, (2) the updated TSCA cap area, and (3) cap maintenance and soil removal activities that must be performed as required by this approval and as specified in the revised and USEPA-approved soil management plan and O&M plan. The applicant shall record the USEPA-approved revised LUC in accordance with California state law.

4. **Stockpiling of Soil:** Clow and B9 Magnolia shall comply with the provisions of 40 C.F.R. § 761.65(c)(9) if stockpiling soils for off-Site disposal.

5. **Disposal of PCBs:** Clow and B9 Magnolia shall dispose of all PCB waste that it generates during the PCB cleanup in accordance with the TSCA PCB regulations and other applicable federal, state, and local regulations. In determining the disposal method for the waste, Clow and B9 Magnolia must comply with the anti-dilution requirements in 40 C.F.R. § 761.1(b). All bulk PCB remediation waste (i.e., soil) must be

disposed of in accordance with the requirements in 40 C.F.R. § 761.61(a)(5). Clow and B9 Magnolia must select appropriate disposal facilities based on the in-situ PCB concentrations of the waste.

6. **PCB Cleanup Waste Disposal:** Cleanup waste (e.g., personal protective equipment, rags, gloves, booties) shall be disposed of in accordance with 40 C.F.R. § 761.61(a)(5)(v). Disposal of all waste shall be in accordance with all federal, state, and local regulations.

7. **Equipment Decontamination:** Clow and B9 Magnolia shall decontaminate non-disposable sampling tools and equipment, as well as movable equipment used during cleanup and/or additional sampling in accordance with 40 C.F.R. § 761.79(c)(2). Decontamination residues must be disposed of at their original concentrations in accordance with the requirements in 40 C.F.R. § 761.79(g). Recordkeeping of the decontamination events must be maintained in accordance with the requirements in 40 C.F.R. § 761.79(f)(2). These procedures must be implemented in a manner that is protective of human health and the environment consistent with the requirements in 40 C.F.R. § 761.79(e).

8. **PCB Cleanup Report:** Clow and B9 Magnolia shall submit a PCB cleanup report to USEPA, to include all relevant data and justification demonstrating that the work completed is consistent with this approval. Clow and B9 Magnolia must address at a minimum all the reporting requirements set forth at 40 C.F.R. § 761.61(a)(9) and 40 C.F.R. § 761.125(c)(5). Clow and B9 Magnolia shall also include figures, surveys, or GPS coordinates depicting the location and results for all site characterization samples and verification samples.

9. **Procedures to Submit Reports, Documentation, and Correspondence to USEPA:** The cleanup party (i.e., Clow and B9 Magnolia) should follow the below procedures to submit reports and documentation required in this approval to USEPA and to send correspondence to USEPA related to this approval.
    a. The title of the report or the subject line on documentation and correspondence (inclusive of emails) shall include the PCB cleanup site identification number ("PCB SITE ID") assigned by USEPA and the PCB site name ("PCB Site"). Specific to USEPA's approval of the cleanup party's initial application: the PCB SITE ID is CATSCA102301, the PCB Site is CLOW VALVE, and the USEPA project manager is Sara Ziff (ziff.sara@epa.gov).
    b. If no claim of confidentiality accompanies the submitted information, then such information may be made available to the public by USEPA without further notice to you [15 U.S.C. 2613; 82 FR 6522 (January 19, 2017); 40 C.F.R. § 2.203(a)].
    c. The cleanup party must contact USEPA about submission procedures, if the cleanup party intends to submit information to USEPA with an assertion of business confidentiality.
    d. Except as otherwise specified in these instructions, all documentation (e.g., reports), correspondence, and other written communications shall be submitted to USEPA electronically via email to the USEPA project manager (ziff.sara@epa.gov) with a courtesy electronic copy via email to R9LandSubmit@EPA.gov. Please include the PCB SITE ID (i.e., CATSCA102301) and PCB Site name (i.e., CLOW VALVE) in the email's subject line.

10. **Future Proposed Modifications to Cleanup Plan:** Clow and B9 Magnolia shall request any changes to the approved cleanup plan via email to USEPA, and USEPA will provide any response to the request via email.

This approval does not relieve Clow and B9 Magnolia from complying with all applicable TSCA requirements and federal, state, and local law, regulations and permits. Departure from the conditions of the approval without prior written permission from USEPA may result in revocation of this approval, and/or commencement of an enforcement action. Nothing in this approval bars USEPA from imposing penalties for violations of this approval or for violations of other applicable TSCA PCB requirements or for activities not covered under this approval.

This approval only applies to the Site. USEPA reserves the right to require additional characterization and/or cleanup of PCBs at the Site based on new information acquired during additional site characterization, cleanup verification, and/or during future post-cleanup activities (e.g. redevelopment or post-redevelopment) at the Site. In addition, USEPA may require cleanup of areas immediately adjacent to the Site if those areas are found to be impacted by PCBs from the Site. If additional information demonstrates that USEPA cannot sustain the no unreasonable risk determination, USEPA will modify or revoke this approval. In case of conflict between the Application and applicable requirements in 40 C.F.R. Part 761, the applicable requirements in 40 C.F.R. Part 761 take precedent.

USEPA appreciates the opportunity to assist Clow and B9 Magnolia with this PCB cleanup. If you have any questions regarding this approval, please contact Sara Ziff at (415) 972-3536. Thank you for your cooperation.

Sincerely,

Jeff Scott, Director
Land, Chemicals and Redevelopment Division

cc (electronic): Jeffrey Bennett, WSP
Larry Bowers, McWane
Gary Edwards, Western Realco
Rebecca Sundilson, WSP

CLOW VALVE COMPANY

RISK-BASED APPROVAL MODIFICATION APPLICATION 40 CFR 761.61 (c)(1)

1375 MAGNOLIA AVENUE, CORONA, CA



RISK-BASED APPROVAL MODIFICATION APPLICATION 40 CFR 761.61 (c)(1)

1375 MAGNOLIA AVENUE, CORONA, CA

CLOW VALVE COMPANY

U.S. EPA ID: CATSCA102301

VERSION 1

PROJECT NO.: ECA04.20150013 TASK 3
DATE: APRIL 2022

WSP

WSP.COM

SIGNATURES

PREPARED BY

Rebecca Sundilson
Lead Consultant, Environmental Scientist

REVIEWED BY

Jeffrey Bennett, PG, CHG, CEM
Sr. Lead Consultant, Geologist



This report was prepared by WSP USA (WSP) for the account of Clow Valve Company (Clow), in accordance with the professional services agreement. The disclosure of any information contained in this report is the sole responsibility of the intended recipient. The material in it reflects WPS's best judgement in light of the information available to it at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. WSP accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report. This limitations statement is considered part of this report.

The original of the technology-based document sent herewith has been authenticated and will be retained by WSP for a minimum of ten years. Since the file transmitted is now out of WSP's control and its integrity can no longer be ensured, no guarantee may be given with regards to any modifications made to this document.

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A CULTURAL RESOURCES RECORDS SEARCH

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F OPERATIONS & MAINTENANCE PLAN

1 EXECUTIVE SUMMARY, INTRODUCTION, AND CERTIFICATION

WSP USA (WSP), formerly EarthCon Consultants CA, Inc (EarthCon), has prepared this *Risk-Based Approval Application 40 CFR 761.61 (c)(1)* (Application) for the Clow Valve Company (Clow), a McWane, Inc company, property located at 1375 Magnolia Avenue, Corona, CA (Site) (see Figures 1 and 2). This application was previously submitted by EarthCon on April 9, 2019 and subsequently conditionally approved by the United States Environmental Protection Agency (U.S. EPA) in a letter dated April 23, 2019. However, additional contamination was discovered requiring a modification of the approved remedy. Also, the Site is scheduled for redevelopment and was recently purchased by B9 Magnolia Owner, LLC. Therefore, the previous Application required revisions as provided in the following sections.

1.1 EXECUTIVE SUMMARY

U.S. EPA Site ID: CATSCA102301

Site Address: 1375 Magnolia Avenue in Corona, California (Site)

Owner Name and Contact Information:

- Project Facilitator & Previous Owner: Clow Valve Company (Clow), a Division of McWane. Larry Bowers, Corporate Environmental Compliance Director (256-388-0001)
- Current Owner: B9 Magnolia Owner, LLC., Britton T. Winterer, Vice President (Signatory)/Gary Edwards, Principal of Western Realco (949-720-3788) (Point of Contact)

Consultant Name and Contact Information: WSP – Jeff Bennett, Sr. Lead Consultant, Geologist (714-743-0482).

1.2 INTRODUCTION

Brief Summary of PCB Impacts: Concrete (maximum 1.1 mg/kg – See Figure 4) and soil (maximum 2,220 mg/kg – See Figure 5). Site-wide evidence of PCB impacted material is illustrated in Figure 8.

Description of Proposed Clean-up Option: A combined remedial approach that includes engineering control (capping system), isolated hot spot excavations at former sample locations AOC7-B1 and S-60, and institutional controls (land use covenant (LUC), soil management plan (SMP), and Operations and Maintenance Plan (O&M Plan)) for potential future re-development and/or soil disturbing activities. The highest concentrations of PCBs to be left on-Site outside the capping system and underneath the capping system are 3 mg/kg and 290 mg/kg, respectively.

Proposed Schedule: Implementation of the capping system and isolated hot spot excavation will not commence until approval of the application has been received. Based on the proposed redevelopment schedule, activities at the Site are estimated to

begin Summer of 2023, with the understanding that the hot spots at AOC7-B1 and S-60 (see Section 5.2) will be removed earlier.

Brief Description of Agency Interest in Project: Initially, Clow prepared a Corrective Measures Study (CMS) to be implemented at the Site under the supervision of the Department of Toxic Substances Control (DTSC). However, due to the presence of polychlorinated biphenyls (PCBs) at AOC3, AOC6, and AOC7, additional Site assessment activities were conducted in July 2018, October 2018, and January 2019 under the oversight of the U.S. EPA (see Section 5). The results were initially summarized in the initial Application (EarthCon, 2019). Upon receipt of the approval letter from the U.S. EPA, the DTSC approved the CMS in a letter dated May 16, 2019. Therefore, the *Corrective Measures Implementation Workplan* (Workplan) identifying the installation of a capping system at AOC1/AOC5 and institutional controls was implemented in the Summer of 2021. During implementation of the Workplan, additional PCB impacts were identified, requiring additional soil investigation activities under the oversight of the U.S. EPA. Based on the results from the additional investigations (See Section 5) and the proposed future redevelopment activities, a revision to the previous Application was required.

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1.3 CERTIFICATION

"We certify that sampling plans, sample collection procedures, sample preparation procedures, extraction procedures, and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the clean-up site, are on file electronically with McWane, Inc. and WSP and will be available for U.S EPA inspection upon completion of Site redevelopment activities."

Mark Willett, Vice President/General Manager (Clow)

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Britt Winterer
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Britton T. Winterer, Vice President (B9 Magnolia Owner, LLC.)

Jeff Bennett, Sr. Lead Consultant, Geologist (WSP)

CERTIFIED HYDROGEOLOGIST
JEFFREY D. BENNETT
NO. HG400
EXPIRES 9/30/22
STATE OF CALIFORNIA

"Under civil and criminal penalties of law for making or submission of false or fraudulent statements or representations (18 U.S.C.1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete."

Mark Willett, Vice President/General Manager (Clow)

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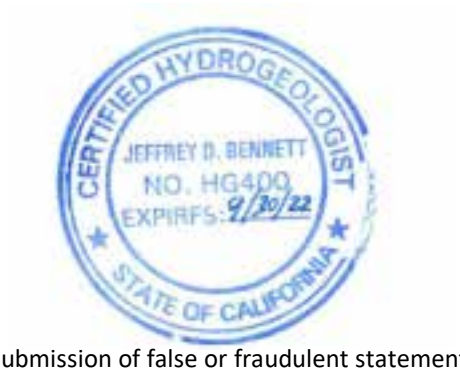
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Mark Willett, Vice President/General Manager (Clow) Britton T. Winterer, Vice President (B9 Magnolia Owner, LLC.)



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Jeff Bennett, Sr. Lead Consultant, Geologist (WSP)



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Mark Willett, Vice President/General Manager (Clow) Britton T. Winterer, Vice President (B9 Magnolia Owner, LLC.)



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Jeff Bennett, Sr. Lead Consultant, Geologist (WSP)



2 SITE DESCRIPTION

2.1 SURROUNDING LAND USES

The Site is located in an area zoned as mixed use, commercial, and industrial (City of Corona Zoning and Specific Plans, August 2014).

2.2 CURRENT LAND USES/ON-SITE BUILDINGS

The Site is located to the northeast of the intersection of Magnolia Avenue and El Camino Avenue, at 1375 Magnolia Avenue in Corona, California. The Site is identified as Riverside County Assessor Parcel Number 107-030-022-3 and covers approximately 16 acres. Approximately 60% of the property is designed to be used for machining, product finishing and testing, and product storage. The remaining 40% includes asphalt-paved parking areas and unpaved areas. Unused foundry buildings, small offices and open areas were formerly leased to other tenants (two other McWane Divisions, McWane Ductile-Utah and Tyler Union). As of the writing of this report, only the Anaco Division of McWane has current operations at the Site.

The Site was originally developed for the production of iron pipes and connections by American Foundry in approximately 1950 (AESI, 2002). In 1960, Rich Manufacturing of Los Angeles acquired the property and moved their iron pipe manufacturing business to the Corona location, adding additional structures in 1967 for the machine shop and brass foundry (AESI, 2002). Clow Valve, a jobber of wrought iron pipe and other foundry products as early as 1878, acquired Rich Manufacturing Company of Corona in 1972. This acquisition added the wet barrel fire hydrant to Clow Valve's product line of waterworks products. In 1985, McWane, Inc. purchased all of Clow Corporation's stock and Clow became a wholly owned subsidiary and eventually operating division of McWane[1].

2.3 PROPOSED FUTURE LAND USES

Once the Site has been officially vacated and the appropriate permits have been obtained by B9 Magnolia Owner, LLC., demolition of the current on-Site buildings/structures will occur. The Site will be developed, in accordance with City of Corona approved plans, with the majority of the Site capped with concrete (6-inches thick or greater) and/or with concrete tilt-up buildings that also have a concrete footprint (6-inches thick or greater) and perimeter landscaping. Any landscaping within the proposed cap area will be underlaid by a 10-inches of compacted soil. The intended use of the property is for warehouse and distribution.

2.4 HYDROLOGY & DEPTH TO GROUNDWATER

The hydrogeology was identified in the report titled A*ddendum to Preliminary Endangerment Assessment and Facility Investigation* (Environmental Support Technologies, July 24, 2003) and excerpts are provided below:

Groundwater depths in the vicinity of the Site have been reported to range from 23-28 ft bgs and from 42-47 ft bgs (AESI, 2002), presumably as perched layers related to clay layers. The regional aquifer is reported to start at 124 ft bgs. Recovery

1 http://www.clowvalve.com/about-us/company-history

depths of groundwater in Corona municipal wells in the early 2000's were approximately 190-193 ft bgs. In addition, a westerly gradient was observed following the overall direction of discharge from the Temescal River to the Santa Ana River. Groundwater was also estimated to be approximately 45 ft bgs traveling into the gravely Temescal Wash downgradient of the Site. Groundwater beneath the Site was encountered at approximately 47 ft bgs in coarse granular material composed of sand and gravel.

In addition, the groundwater beneath the Site is identified as Temescal Hydrologic Sub Area within the Middle Santa Ana River Basin with beneficial use designations including municipal and domestic supply (MUN), agricultural supply (AGR), industrial service supply (IND), and industrial process supply (PROC)2.

2.5 PROXIMITY TO SURFACE WATER & STORMWATER RUNOFF

The active channel for the Temescal Wash bounds the northeast portion of the Site and flows to the west as a cemented Riverside County Flood Control channel. The Site stormwater runoff generally flows to the west and north boundaries of the Site. Stormwater discharging from the Site is managed in accordance with the *Storm Water Pollution Prevention Plan*.

2.6 TYPICAL WEATHER PATTERNS & CLIMATE

The City of Corona typically has a warm climate with mild winters and hot summers.

2.7 SITE GEOLOGY

2.7.1 REGIONAL GEOLOGY

The Site is located in Riverside County within the Corona-Elsinore Trough, a graben-like-valley that extends from Corona to Elsinore. The Corona-Elsinore Trough is located within the Peninsular Ranges geomorphic province. The Santa Ana Mountains and the Elsinore Fault Zone bound the Corona-Elsinore Trough on the southwest. The Gavilan Hills, part of the Perris Block, bounds the Corona-Elsinore Trough on the northeast. The Site is situated on the northeast edge of the alluvial fan surface that slopes gently from the Santa Ana Mountains, extending northeasterly through Corona toward Temescal Wash. Temescal Wash bounds the northeast portion of the Site.

2.7.2 LOCAL AND SITE GEOLOGY

Surficial materials in the vicinity of the Site are comprised of Holocene Older and Younger alluvium and bedrock. The younger alluvium consists of unconsolidated sand, gravel, and silt associated with the intermittent Temescal Wash. The active channel for the Temescal wash bounds the northeast portion of the Site and flows to the west in a cemented flood channel. The older alluvium consists of semi-consolidated buff to dark brown, sand, gravel, and silt associated with the alluvial deposits upgradient (south) of the Site. The bedrock consists of siltstone units possibly associated with the Miocene-Puente formation

2 http://waterboards.ca.gov/santaana/water_issues/programs/basin_plan/docs/2016/Chapter_3_Feb_2016.pdf

and weathered, hydrothermally altered volcanic and intrusive rocks associated with the Santiago Peak Volcanics. The siltstone is exposed in the hills located immediately south of the Site at 880 feet above mean sea level (msl). Crystalline bedrock mapped as the monzogranite of Cajalco pluton crops out in the foothills approximately 2 miles southeast of the Site.

Previous consultants investigating surrounding properties identified layers of gravelly sand (1-5 feet below ground surface [ft bgs]), sand and silty clay (20-30 ft bgs), gravelly sand (25-40 ft bgs) and clay 55-60 ft bgs). Drilling refusal has occurred several times at approximately 20 ft bgs indicating the presence of dense consolidated silty clay and gravelly material at that depth. Multiple dense, laterally discontinuous clay lenses have been reported to occur between 40-50 ft bgs, 62-81 ft bgs, and 90-103 ft bgs (AESI, 2002). Investigations conducted on-Site encountered sand and gravel mixtures with refusal on cobbles occurring commonly (EST, 2006; Fero, 2006b).

2.8 SOURCES OF PCBS & HISTORIC OPERATIONS

Sources of PCBs were identified from a slight transformer oil leak observed in 1994, which resulted in repair of the transformer and a portion of the concrete pad (approximately 8 ft by 2 ft) being removed. Subsequently two drums of soil were excavated and disposed of off-Site. In 1997, the transformers were replaced with new transformers to accommodate the upgraded high voltage distribution system. Oil containing PCBs was removed from the transformer casings and incinerated off-Site, the steel casings were landfilled. This area was identified as AOC7.

Subsequent Site investigations under U.S. EPA oversight identified PCB contamination at AOC6 related to the operations associated with the former asphalt dip tank. In addition, PCB soil contamination was also identified throughout a majority of the northern portion of the Site and is assumed to be associated with historic fill operations of waste foundry sand and other foundry related materials contaminated with oil containing PCBs.

See Figures 3 through 8 and Section 5 for further details.

2.9 OTHER CONTAMINANTS ON-SITE

In addition to PCBs, other contaminants identified in the shallow subsurface on-Site mainly include metals with some isolated areas reporting TPH.

See Figures 3 through 8 and Section 5 for further information on Site characterization.

2.10 OTHER SITE CONDITIONS

Due to responses on the Community Survey from local Tribal groups, the DTSC required that a records search be conducted through the California Historical Resources Information System (CHRIS). After submitting the request on October 11, 2017, the CHRIS Information Officer stated that two cultural resource properties have been recorded within the boundaries of the project area in a letter dated October 17, 2017. Given the ambiguity of many cultural resource records, Clow had opted to have ground disturbing activities conducted during implementation of the CMS monitored by a cultural resources professional in lieu of conducting a constraints analysis prior to those activities. However, as part of the redevelopment permitting process, the new owner was required to do a cultural resources evaluation of the Site. This review identified the records in question to be historical structures associated with a railroad. A cultural resources review in 2011 verified that the structures were no longer in existence so no further action is required. See Appendix A.

2.11 SENSTIVE ENVIRONMENTS & RECEPTORS

The closest residential land use consists of a mobile home park located beyond Temescal Wash approximately 0.1 miles north of the project area on-Site.

2.12 BRIEF SUMMARY OF SITE CONCEPTUAL MODEL

The historic transformer leak and historic Site fill operations (presence of waste foundry sand and other foundry related materials contaminated with PCB oil) were identified as the sources of the PCB impacted materials. Migration pathways evaluated included soil and wind erosion with potential exposure pathways including inhalation, dermal, and/or ingestion.

3 DESCRIPTION OF PCB "CLEAN-UP SITE"

Under oversight of the U.S. EPA, additional field investigation conducted in 2018, 2019, and 2021 determined the PCB "Clean-up Site" as the following:

- AOC3 – Water Pressure Test Area
- AOC6 – Former Asphalt Dip Tank
- AOC7 – Transformer Area 1
- AOC9 –Former Test-Pond (filled)
- Northern portion of the Site

Further details on the Site characterization and determination of the AOCs and northern portion of the Site associated with the PCB "Clean-up Site" are provided in Section 5. These locations and the associated PCB results are illustrated on Figures 3 through 8.

In addition to the above onsite efforts, U.S. EPA directed McWane to investigate potential off-site PCB migration onto property to the east and west of the Site owned by Riverside County and BSNF Railroad, respectively. Initial sampling under U.S. EPA's direction has indicated PCB contamination at low levels on the Riverside County Flood control property. Work on this property is currently paused to allow all parties to focus on the on-site work. As discussed with its U.S. EPA Project Manager, McWane will schedule a conference call with U.S. EPA to develop a path forward on the Riverside County property within 30 days of approval of this application and McWane will work expeditiously to bring this issue to closure. Given the involvement of the Riverside County Flood Control as the property owner, an exact timeline for resolution of this issue is not possible.

On the BNSF Railroad property, U.S. EPA has approved a sampling plan and McWane is working through BNSF Railroad's access agreement process to allow sampling on their property. Upon gaining access approval from BNSF Railroad, McWane will complete the sampling and report the results to U.S. EPA within 45 days.

Given the involvement of the Riverside County Flood Control and BNSF Railroad, establishing a defined timeline for resolution of the off-site issues is problematic but, barring protracted legal issues, McWane expects to be able to bring these issues to resolution within one year.

4 PROPOSED RISK-BASED PCB CLEAN-UP LEVELS

As noted in the U.S. EPA conditional approval of the previous Application in 2019, the clean-up level for the 1375 Magnolia [on-property] areas of the Site is 15 mg/kg. This applies to the PCBs left in place, which will not be covered by the proposed TSCA cap. As discussed in a conference call with the U.S. EPA and subsequent email dated January 7, 2021, the revision to the original Application and associated clean-up efforts were identified as a modification to the design plans to increase the area of the TSCA cap and hot spot removals for two isolated exceedances at AOC7-B1 (inside the footprint of the cap) and S-60 (outside the footprint of the cap) (minimum of 10 ft x10 ft x 1 ft deep) outside of the proposed TSCA cap footprint. See Section 5 for further detail of the hot spot exceedances.

5 SITE CHARACTERIZATION

In July 2018, the initial soil and concrete sampling investigation was conducted to assess the potential presence of PCB impacted materials at various areas of concern throughout the Site including AOC3, AOC5, AOC6, AOC7, AOC8, and AOC9. Results from the initial investigation were summarized in the report titled *PCB Investigation* (EarthCon, August 24, 2018). AOC5, AOC-8, and AOC9 did not report PCB concentrations above the associated laboratory reporting limits, with the exception of on sample at AOC-8 with total PCB concentrations reported at 0.161 mg/kg. Therefore, upon review of this data the U.S. EPA determined that further investigation was only necessary at AOC3 and AOC6 within the shallow subsurface. In addition, the U.S. EPA required further investigation at AOC7 to assess potential PCB impacted soil at a greater depth. Therefore, additional soil and concrete investigations were conducted in October 2018, January 2019, and February 2019. As noted previously, during the implementation of the Workplan, PCB concentrations were reported in the shallow subsurface in the northern portion of the Site. In support of future Site redevelopment, further soil investigation activities were conducted under the oversight of the U.S. EPA in October 2021 and December 2021. Further details are provided in the following sections.

5.1 SAMPLING & ANALYSIS RATIONALE

The scope of work associated with the October 2018 soil sampling investigation was approved in an email from the U.S. EPA on October 10, 2018 and is summarized below:

- AOC3 – Three (3) additional soil samples (AOC3-B4, AOC3-B5, and AOC3-B6) were collected around the previous AOC3-B1 sample at 0.5 feet below ground surface (ft bgs).
- AOC6 - Three (3) additional soil samples (AOC6-B2, AOC6-B3, and AOC6-B4) were located near the former asphalt dip tank perimeter at 0.5 ft bgs.
- AOC7 – Former soil sample location AOC7-B1 reported elevated levels of PCBs and the samples were only collected to 5 ft bgs due to reported accessibility issues and subsurface utilities. EarthCon collected a sample 6.5 ft bgs. Due to refusal a sample could not be collected at the proposed total depth of 15 ft bgs.

Results were discussed with the U.S. EPA during a conference call on December 3, 2018

Based on the analytical results, it was determined that further investigation was necessary at AOC6. A 10 ft grid was proposed around the initial 4 sample locations surrounding the former asphalt dip tank, with the first step out samples analyzed for PCBs and the subsequent row of samples archived pending analytical results. This scope was approved by U.S. EPA in an email dated December 6, 2018 stating that the archived soil samples should be analyzed if the first row of grid samples reported PCB concentrations at or above 2 ppm.

Soil sample locations required concrete coring in order to obtain access to the subsurface soil. A hand auger was advanced to the proposed depths to collect each soil sample.

The grid sampling investigation at AOC6 was conducted on January 8 and 9, 2019. A total of 16 soil samples (AOC6-B5 through AOC6-B20) were collected. On February 19, 2019, concrete samples were subsequently collected from five of the grid sample locations.

Concrete samples were collected in accordance with the U.S. EPA Region 1 guidance document titled *Standard Operating Procedure for Sampling Porous Surfaces for Polychlorinated Biphenyls* (2011). Both soil and concrete samples were analyzed for the following:

- Moisture content in accordance with ASTM D-2216 (M)
- PCBs in accordance with U.S. EPA Method 8082A/3540C (soxhlet extraction)

Supplemental soil sampling investigations in October and December 2021 included an additional sixty (60) soil sample locations (S-1 through S-60) across the Site. Hand-augers were used to initially advance the borings to a maximum depth of 3ft or 5ft. Instances where further delineation of the foundry sand and/or reported PCB concentrations was needed, an air knife and/or direct push rig was utilized to collect samples at further depths. Initial results from the October 2021 investigation (Samples S-1 through S-36) were provided to the U.S. EPA in a document titled *PCB Investigation Report* (EarthCon, 2021). Based on the future Site redevelopment and the proposed extension of the capped area, additional samples (S-37 through S-60) were advanced along the southern and southeastern portions of the Site.

Samples were collected under a strict chain of custody protocol and were submitted to a California-State Certified Laboratory, on a normal turn-around time.

Sampling equipment was decontaminated in accordance with the guidance using a 2 rinse system followed by a hexane wipe. The rinseate was subsequently stored in a 55-gallon steel drum on-Site pending off-Site disposal.

5.2 ANALYTICAL RESULTS

October 2018 Sampling Investigation

Soil samples detected concentrations of Aroclor 1260 in samples from AOC3 and Aroclors 1248 and 1260 in samples from AOC6 and AOC7. The remaining Aroclors were not detected at concentrations above the associated laboratory reporting limits. Detected total PCB concentrations ranged as follows: 0.092 mg/kg to 1.3 mg/kg in AOC3, 8.0 mg/kg to 48 mg/kg in AOC6, and 16 mg/kg in AOC7. The majority of the samples from AOC6 were below 10 mg/kg with 48 mg/kg as an outlier. For risk purposes, the U.S. EPA had previously discussed that concentrations at or above 15 ppm would be a concern. AOC3 reported concentrations were significantly below this criterion. In addition, due to the fact that the depth to water is approximately 40 ft bgs at the Site and co-solvents were not present, the 16 mg/kg concentration reported in AOC7 at 6.5 ft bgs shows that significant vertical migration is not present. Upon review of the analytical results, the U.S. EPA agreed that further evaluation at AOC3 and AOC7 was not warranted; however, further evaluation in AOC6 was required.

January 2019 Sampling Investigation

The first row of grid soil samples surrounding the former asphalt dip tank at AOC6 reported total PCB concentrations ranging from 3.3 mg/kg to 16 mg/kg. At the direction of U.S. EPA the second row of grid samples were analyzed since concentrations were above 2 ppm. The second row of grid samples reported total PCB concentrations ranging from 1.3 mg/kg to 9.0 mg/kg. As illustrated on Figure 3, the highest total PCB concentrations were reported in sample locations extending northeast from the original elevated concentration of 48 mg/kg in AOC6-B3. In a northeast trajectory, total PCB concentrations decrease to 16 mg/kg in AOC6-B10 and further decrease to 9.0 mg/kg in AOC6-B17. Once the U.S. EPA had returned from furlough, this data was provided in a summary email on February 5, 2019. A total of 5 locations were also identified for potential concrete sampling pending discussion of results. On February 13, 2019, the U.S. EPA responded via email stating that the soil results were evaluated using ProUCL and the 95% UCL of the mean was approximately 13 ppm. This value is below the U.S. EPA's threshold for industrial workers (15 ppm) and is covered by concrete. The U.S. EPA agreed that the concrete results would help determine whether or not the concrete could be left in place as a cap in conjunction with a future deed restriction.

February 2019 Sampling Investigation

A total of 5 concrete samples (AOC6-B3, AOC6-B5, AOC6-B10, AOC6-B13, and AOC6-B20) were collected. The majority of samples reported concentrations of Aroclor 1248, Aroclor 1254, and Aroclor 1260. Total PCB concentrations ranged from 0.25 mg/kg to 1.1 mg/kg.

October 2021 and December 2021

Generally, the aroclors reported include Aroclor-1248, Aroclor-1254, Aroclor-1260 with a few occurrences of Aroclor-1016. The highest total PCB concentrations were reported in the 1 ft bgs samples with the maximum concentration reported at 290 mg/kg. A total of 10 locations exceeded the Site clean-up criteria of 15 mg/kg; however, the majority of those exceedances are located beneath the area identified to be capped during the redevelopment, with the exception of one isolated concentration reported at the southeast corner of the property at 37 mg/kg (S-60). Details of the December 2021 event were discussed in and subsequently provided to the U.S.EPA via email on January 7, 2021. The U.S. EPA then recommended an update to the Application to include the 2021 analytical results and an update of the project scope to include expansion of the capped area and a limited excavation at the isolated hot spot excavation in the vicinity of S-60.

The analytical results are summarized in Table 1, Table 2, and Figures 3 through 8. Laboratory reports for the 2021 sampling investigations are provided in Appendix B.

5.3 VERTICAL & HORIZONTAL EXTENT OF CONTAMINATION

The majority of the PCB impacted materials are located in the northern portion of the Site with an isolated location reported along the southern property boundary. The highest concentrations are typically at surface-1 ft bgs, with concentrations decreasing with depth. PCB concentrations are generally consistent with the presence of foundry sand, particularly within the northern portion of the Site extending as deep as 7 ft bgs.

See Figures 4 through 8.

5.4 DATA GAPS

As mentioned previously, Clow worked with the U.S. EPA to address concerns regarding potential data gaps. Therefore, Clow implemented additional Site investigations to further delineate the potential presence of PCBs at the Site. As noted in Section 5.1, these subsequent investigations were conducted in July 2018, October 2018, January 2019, February 2019, October 2021, and December 2021.

6 APPLICATION & CLEAN-UP PLAN

Section 1.2 discusses the combined remedial approach that includes engineering control (capping system), isolated hot spot excavations at former sample locations AOC7-B1 and S-60, and institutional controls (LUC, SMP, and O&M Plan) for potential future re-development and/or soil disturbing activities.

6.1 CAPPING SYSTEM

As noted previously, future redevelopment activities will result in a majority of the Site being covered by concrete pavement (minimum 6-inches) and/or building footprint which will also have a minimum of 6-inches of concrete and perimeter landscaping with a minimum of 10-inches of compacted soil within the designated cap area. This will serve as a TSCA cap covering PCB concentrations ranging up to 290 mg/kg (S-31) after the removal of the 2,200 mg/kg hot spot (AOC7-B1) and will protect industrial workers at the Site from exposure to PCB concentrations in the underlying soil. The TSCA cap is identified as the concrete and/or building footprints within dashed line as illustrated in the design plans provided in Appendix C.

The installation of the TSCA cap and associated redevelopment will require Site wide grading. To ensure that PCB contaminated soils are not graded or otherwise placed outside the proposed cap area, the grading plans will clearly indicate the boundaries of the cap and note that soil within this area will only be graded or otherwise managed within in the proposed cap area. The grading plans will also note that any temporary stockpile of soil from the cap area will remain within the cap area and will only be maintained for the duration necessary to allow for efficient grading. The applicants will take appropriate measures, during planning and construction, to ensure that these conditions are adhered to. Such measures will include preconstruction briefings with all contractors involved in grading and regularly scheduled inspections by the design engineer or owner's representative during grading activities. Following completion of the Site wide grading program, any soil that is removed from within the perimeter of the designated TSCA cap during future Site activities will be managed and disposed under the assumption that it contains PCBs at a concentration at or above 50 ppm, in accordance with the associated requirements discussed in Section 8.

6.2 HOT-SPOT EXCAVATIONS

Historical soil sampling investigations identified PCB concentrations at approximately 2,200 mg/kg at sample location AOC7-B1 within the area of the proposed capping system. However, through conversations with the U.S. EPA, it was determined that during future construction related activities it would be impractical to isolate and leave this material in-place. Therefore, material from this area will be removed prior to implementation of grading activities. Additionally, a second hot-spot excavation will be conducted from an isolated area outside of the cap identified as sample location S-60. Therefore, the associated scope of work is described in the following subsections.

6.2.1 PRE-FIELD ACTIVITIES

The General Contractor will coordinate with the utility company, vendors, and the tenant to facilitate the disconnection of the Site electrical supply source. In addition, a geophysical survey will be conducted to ensure that the underground utilities in the work areas have been identified and proper clearances have been completed. The locations proposed for subsurface work will be identified using white paint, and Underground Service Alert (USA) will be subsequently notified at least 72-hours prior to initiation of field activities.

In accordance with the Site SMP, the DTSC is required to be notified a minimum of 30 days prior to any soil disturbing activities. WSP will also notify the U.S. EPA a minimum of 30 days before excavation of PCB impacted soil.

Excavation activities will be conducted in accordance with the Site Health and Safety Plan (HASP). The scope of work and elements of the HASP will be discussed daily during the tail-gate safety meetings.

6.2.2 FIELD ACTIVITIES

The hot-spot excavation areas will be marked in the field and identified by a 10 ft by 10 ft grid centered on the original sample location. Based on the initial sample results, the approximate total depth of the excavations will be advanced to 6.5 ft bgs and 1.5 ft bgs at AOC7-B1 and S-60, respectively. The excavated material from each excavation will then be placed in separate containers (eg. covered roll-off bins) awaiting transport off-Site (see Section 8).

Once the material has been removed from the hot-spot excavation, subsequent confirmation samples will be collected every 10 linear feet along the sidewall and one floor sample at the center of the 10 ft by 10 ft grid. Additionally, the sidewall samples will be collected vertically, one per every 5 ft bgs. Therefore, the number of confirmation samples to be collected are as follows:

Hot Spot Excavation	Total Depth (bgs)	Sidewall Samples	Floor Samples	Total Samples
AOC7-B1	6.5	8	1	9
S-60	2	4	1	5

Confirmation soil samples will be analyzed for the following:

- PCBs in accordance with U.S. EPA Method 8082A/3540C (soxhlet extraction)
- Moisture content in accordance with ASTM D-2216(M)

Should initial results report PCB concentrations of 15 mg/kg or greater, additional soil will be excavated, and subsequent confirmation samples will be collected.

Sampling equipment will be decontaminated in between each sample collection in accordance with the U.S. EPA Guidance using a 2 rinse system followed by a hexane wipe. The rinseate will be stored in a 55-gallon steel drum on-Site pending disposal.

Each container of excavated soil and drums of decon rinseate will each be sampled with the appropriate number of samples per each container volume using U.S. EPA SW-846 Chapter Nine. Each sample will be analyzed as follows:

- PCBs in accordance with U.S. EPA Method 8082A/3540C (soxhlet extraction)
- Moisture content in accordance with ASTM D-2216(M), as applicable
- Title 22 CAM 17 Metals in accordance with U.S. EPA Methods 6010B/7471A
- Total Petroleum Hydrocarbons in accordance with U.S. EPA Method 8015B
- Volatile Organic Compounds (VOCs) in accordance with U.S. EPA Method 8260/5035

- Semi-VOCs in accordance with U.S. EPA Method 8270C

Each sample container will be labeled with the following information, as appropriate, at the time of sampling:

- Sample Number
- Sample Date
- Container Designation
- Sample Location
- Time of Sampling
- Preservatives, if any
- Sample Type
- Handling Precautions
- Requested Analyses
- Laboratory Name
- Initials of Sampling Personnel

Samples will be managed under a strict chain of custody protocol and will be submitted to a California-State Certified laboratory.

6.2.3 WASTE MANAGEMENT

The disposal of PCBs at concentrations of 50 ppm or greater, if encountered, will be conducted in accordance with 40 CFR 761 subpart D. Depending on the characterization of PCB-impacted materials, subsequent transportation will likely be to a RCRA hazardous waste landfill with U.S. EPA TSCA approval disposal facility (or to a TSCA landfill), as discussed below in Section 8.

6.2.4 BACKFILL

After confirmation samples have determined that the hot-spot material has been removed, the excavations will be backfilled in accordance with the DTSC document entitled Information Advisory Clean Imported Fill Material (DTSC, 2001). Soil removal activities within the cap area will require 30-day notification to the DTSC. Therefore, an approval letter from the U.S. EPA for the revised Application will be provided to the DTSC at that time. Additionally, the soil removal activities associated with the hot-spot excavation will be conducted in accordance with the Site's current SMP.

6.3 INSTITUTIONAL CONTROLS

In addition to the cap, current and future receptors at the Site will be protected in accordance with the future land use restrictions as discussed further in Section 10.0.

7 DECONTAMINATION OF TOOLS, EQUIPMENT, & MOVABLE EQUIPMENT

Best management practices associated with erosion and sediment control will be implemented in accordance with the City of Corona approved grading plans for the Site. This will include, but will not be limited to, vehicle cleaning and/or stabilized entrance/exits. In addition, soil disturbing activities will also be in accordance with the SMP.

8 WASTE DISPOSAL

It is the goal of the applicant to maximize on-Site re-use of soil for grading purposes. However, in the event deleterious materials that are unsuitable for use in redevelopment activities are encountered, such materials will be managed appropriately.

Should future redevelopment activities require disposal of the PCB impacted soil or other materials, the materials will be managed in accordance with the SMP and 40 CFR 761.61. Excavated PCB-impacted materials will be loaded directly into labeled containers and securely covered pending transportation. Should stockpiles be warranted, they will be stored on-site (while covered) for the minimum time frame required to facilitate the appropriate off-Site disposal. Materials characterized with PCB concentrations at or above 50 ppm will be transported off-Site for disposal at a RCRA hazardous waste landfill with U.S. EPA TSCA approval (or to a TSCA landfill). Materials characterized with PCB concentrations below 50 ppm will be managed and transported to either the Soil Safe facility in Adelanto, CA, the Waste Management facility in Kettleman Hills, CA, or another appropriate facility in accordance with 40 CFR 761.50(a)(6) and applicable federal, state, and local laws.

9 CLEAN-UP REPORT

The previously submitted CMI Report was also submitted to the U.S. EPA to satisfy the requirement of the PCB Clean-up Report associated with the PCBs remaining under the cap in AOC6 and AOC7. However, the U.S. EPA has requested that the results from the soil sampling investigations conducted in 2021 be combined with the implementation of the revised Application. Therefore, the 2021 soil investigation results, the hot-spot excavations, and activities associated with the extension of the TSCA cap will be provided in a subsequent *PCB Clean-up Report* upon completion of activities. The *PCB Clean-up Report* may include, but is not limited to, the following:

- Introduction
- Site Background
- Summary of Previous Investigations
- Nature and Extent of Contamination
- Clean-up Level Determination
- Summary of grading and capping activities
- Land use restrictions (Land Use Covenant, Soil Management Plan, and Operations and Maintenance Plan)
- Conclusion
- References

10 LAND USE RESTRICTIONS

The current LUC was recorded to restrict the future use of the entire Site to commercial/industrial uses appropriate for the human health risk hazard and to prohibit Site development for residential and sensitive receptor uses. The current LUC was recorded on November 18, 2021, and was based on the initial application; however, upon completion of redevelopment activities the LUC will be amended to incorporate the details associated with the new TSCA cap and any other requirements imposed by the USEPA.

As identified in the CMIWP, the SMP (EarthCon, 2021) will provide guidance for management of soils in the event excavation or soil disturbance is required during future on-Site activities such as building construction, utility installation, etc. The SMP will facilitate effective future project implementation and compliance with applicable laws. The SMP includes procedures for health and safety; engineering controls; stockpile management; and characterization and disposal of excess soil, if necessary. Once redevelopment activities have been completed, the SMP will be updated to summarize the redevelopment activities, reflect the current Site layout with the concrete cap and buildings, and identify the new property owners and contact information. In addition, poste re-development soil disturbance within the footprint of the cap will be handled as greater than 50 ppm PCB in accordance with TSCA requirements.

The O&M Plan (EarthCon, 2021) was prepared to establish a set of procedures for LUC-required inspection of the Site and an annual inspection and maintenance of the asphalt cover (cap). Additionally, the O&M Plan was prepared in order to maintain compliance with the LUC and applicable State and Federal Hazardous Waste Control laws and regulations. The goal of the O&M Plan is to prevent contact with contaminated soil, reduce water infiltration, erosion, and dispersion of soil contaminated with constituents of concern. In addition, the O&M Plan will be utilized to protect on-Site personnel, contractors, personnel conducting O&M activities, and/or visitors. Similar to the LUC, the O&M Plan was prepared in accordance with requirements of the CMI Workplan and associated implementation activities. However, upon completion of redevelopment activities, the O&M Plan will be amended to similar to the SMP summarizing the redevelopment activities, identifying the current Site layout with the concrete cap and buildings, identifying the new property owners and contact information. In addition, the routine inspections will be revised to incorporate the details associated with operations and maintenance requirements associated with the concrete cap as opposed to the existing asphalt cap.

The current LUC, SMP, and O&M Plan are provided in Appendix D, Appendix E, and Appendix F, accordingly.

11 REFERENCES

- Advanced Environmental Services, Inc. (AESI). 2002. Clow Valve Company Preliminary Endangerment Assessment and Facility Workplan 1375 Magnolia Avenue, Corona, California 91719. March 28, 2002.
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- U.S. EPA. SW-846 Chapter Nine. https://www.epa.gov/hw-sw846/chapter-nine-sw-846-compendium-sampling-plans#:~:text=This%20chapter%20addresses%20the%20development,custody%20for%20such%20a%20plan.

TABLE 1
SOIL AND CONCRETE ANALYTICAL RESULTS - 2018 2019
CLOW VALVE

SAMPLE ID	DATE	MOISTURE	AROCLOR-1016	AROCLOR-1221	AROCLOR-1232	AROCLOR-1242	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	AROCLOR-1262	AROCLOR-1268	TOTAL PCB AROCLORS
		%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SOIL												
AOC3-B1-.5	7/10/2018	**17**	ND	ND	ND	ND	ND	**0.35**	**5.2**	ND	ND	**5.55**
AOC3-B1-1	7/10/2018	**19**	ND	ND	ND	ND	**0.047 J**	ND	**0.46**	ND	ND	**0.507**
AOC3-B1-2	7/10/2018	**21**	ND	ND	ND	ND	**0.13**	ND	**1.1**	ND	ND	**1.23**
AOC3-B4-.5	10/19/2018	**13**	ND	ND	ND	ND	ND	ND	**0.092**	ND	ND	**0.092**
AOC3-B5-.5	10/19/2018	**6.5**	ND	ND	ND	ND	ND	ND	**1.3**	ND	ND	**1.3**
AOC3-B6-.5	10/19/2018	**7.7**	ND	ND	ND	ND	ND	ND	**1**	ND	ND	**1**
AOC5-B1-1	7/18/2018	**6.2**	ND	ND	ND	ND	**0.076**	ND	**0.28**	ND	ND	**0.356**
AOC5-B1-3	7/18/2018	**3.4**	ND	ND	ND	ND	**0.033 J**	ND	ND	ND	ND	**0.033 J**
AOC6-B1-.5	7/10/2018	**20**	ND	ND	ND	ND	**3.0**	ND	**2.1**	ND	ND	**5.1**
AOC6-B1-3	7/18/2018	**8.6**	ND	ND	ND	ND	**0.11**	ND	**0.29**	ND	ND	**0.40**
AOC6-B1-5	7/18/2018	**5.5**	ND	ND	ND	ND	**0.14**	**0.14**	**0.15**	ND	ND	**0.43**
AOC6-B2-.5	10/19/2018	**8.9**	ND	ND	ND	ND	**4.6**	ND	**3.4**	ND	ND	**8.0**
AOC6-B2-.6	10/19/2018	**7.6**	ND	ND	ND	ND	**5.2**	ND	**4.4**	ND	ND	**9.5**
AOC6-B3-.5	10/19/2018	**1.6**	ND	ND	ND	ND	**46**	ND	**1.8**	ND	ND	**48**
AOC6-B4-.5	10/19/2018	**6.5**	ND	ND	ND	ND	**3.7**	ND	**4.2**	ND	ND	**7.9**
AOC6-B5-.5	1/9/2019	**7.2**	ND	ND	ND	ND	**2.8**	ND	**4.5**	ND	ND	**7.3**
AOC6-B6-.5	1/9/2019	**6.4**	ND	ND	ND	ND	**2.1**	ND	**1.3**	ND	ND	**3.3**
AOC6-B7-.5	1/9/2019	**6.5**	ND	ND	ND	ND	**3.5**	ND	**3.3**	ND	ND	**6.7**
AOC6-B8-.5	1/9/2019	**6.3**	ND	ND	ND	ND	**0.74**	ND	**1.7**	ND	ND	**2.4**
AOC6-B9-.5	1/8/2019	**8.0**	ND	ND	ND	ND	**6.1**	ND	**5.5**	ND	ND	**12**
AOC6-B10-.5	1/8/2019	**7.3**	ND	ND	ND	ND	**8.7**	ND	**7.1**	ND	ND	**16**
AOC6-B11-.5	1/8/2019	**8.8**	ND	ND	ND	ND	**3.6**	ND	**4.2**	ND	ND	**7.8**
AOC6-B12-.5	1/8/2019	**7.1**	ND	ND	ND	ND	**1.5**	ND	**3.1**	ND	ND	**4.6**
AOC6-B13-.5	1/9/2019	**7.0**	ND	ND	ND	ND	**4.3**	ND	**4.1**	ND	ND	**8.4**
AOC6-B14-.5	1/9/2019	**5.9**	ND	ND	ND	ND	**3.8**	ND	**2.3**	ND	ND	**6.1**
AOC6-B15-.5	1/8/2019	**6.8**	ND	ND	ND	ND	**3.2**	ND	**3.7**	ND	ND	**6.8**
AOC6-B16-.5	1/8/2019	**7.0**	ND	ND	ND	ND	**3.0**	ND	**3.0**	ND	ND	**6.0**
AOC6-B17-.5	1/8/2019	**7.4**	ND	ND	ND	ND	**5.7**	ND	**3.3**	ND	ND	**9.0**
AOC6-B18-.5	1/8/2019	**9.0**	ND	ND	ND	ND	**0.98**	ND	**1.2**	ND	ND	**2.2**
AOC6-B19-.5	1/8/2019	**4.4**	ND	ND	ND	ND	**0.58**	ND	**0.68**	ND	ND	**1.3**
AOC6-B20-.5	1/8/2019	**6.8**	ND	ND	ND	ND	**4.3**	ND	**2.8**	ND	ND	**7.1**
AOC7-B1-6.5	10/19/2018	**13**	ND	ND	ND	ND	**14**	ND	**2.6**	ND	ND	**16**
AOC9-B3-3	7/10/2018	**20**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AOC9-B3-10	7/18/2018	**3.7**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CONCRETE												
AOC5-B3	7/18/2018	**0.6**	ND	ND	ND	ND	**0.12**	ND	**0.31**	ND	ND	**0.43**
AOC6-B3-C	2/19/2019	**1.1**	ND	ND	ND	ND	**0.11**	**0.059**	**0.079**	ND	ND	**0.25**
AOC6-B5-C	2/19/2019	**1.4**	ND	ND	ND	ND	**0.065**	**0.042 J**	ND	ND	ND	**0.11**
AOC6-B10-C	2/19/2019	**1.8**	ND	ND	ND	ND	**0.25**	ND	ND	ND	ND	**0.25**
AOC6-B13-C	2/19/2019	**2.7**	ND	ND	ND	ND	**0.079**	**0.086**	**0.069**	ND	ND	**0.23**
AOC6-B20-C	2/19/2019	**1.1**	ND	ND	ND	ND	**0.32**	**0.41**	**0.36**	ND	ND	**1.1**
AOC7-B1	7/18/2018	**0.4**	ND	ND	ND	ND	**0.035 J**	ND	ND	ND	ND	**0.035 J**
AOC7-B2	7/18/2018	**0.6**	ND	ND	ND	ND	**0.046 J**	ND	**0.087**	ND	ND	**0.133**
AOC7-B7	7/18/2018	**0.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AOC8-B4	7/18/2018	**0.5**	ND	ND	ND	ND	**0.041 J**	ND	**0.12**	ND	ND	**0.161**
AOC8-B5	7/18/2018	**0.3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FCB-B1	7/18/2018	**1.1**	ND	ND	ND	ND	**0.64**	ND	**0.16**	ND	ND	**0.80**
FCB-B2	7/18/2018	**1.7**	ND	ND	ND	ND	**1.6**	ND	**0.63**	ND	ND	**2.23**
FCB-B3	7/18/2018	**2.1**	ND	ND	ND	ND	**3.5**	ND	**1.2**	ND	ND	**4.7**
FCB-B4	7/18/2018	**1.7**	ND	ND	ND	ND	**1.1**	ND	**0.29**	ND	ND	**1.39**

mg/kg - milligram per kilogram
Moisture - ASTM DD-2216 (M)
PCBs - 8082A Soxhlet Extraction (3540C)

Updated by: RS 2/26/19
Reviewed by: FH 2/26/19

Table 2- Soil Analytical Results - PCBs
Supplemental Soil Investigation - 2021
Clow Valve

Sample ID	Depth	Date	Unit	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
P-1-0	0	12/13/2021	ug/kg	<1000	<500	<500	<500	<500	**8300**	**13000**	<500	<500
P-1-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	**240**	<50	<50
P-1-3	3	12/13/2021	ug/kg	<1000	<500	<500	<500	<500	<500	**640**	<500	<500
P-2-0	0	12/13/2021	ug/kg	<1000	<500	<500	<500	**15000**	<500	**2400**	<500	<500
P-2-1	1	12/13/2021	ug/kg	<1000	<500	<500	<500	**30000**	<500	**2900**	<500	<500
P-2-3	3	12/13/2021	ug/kg	<99	<50	<50	<50	**880**	<50	**150**	<50	<50
P-3-0	0	12/13/2021	ug/kg	<1000	<500	<500	<500	**5500**	**2900**	<500	<500	<500
P-3-1	1	12/13/2021	ug/kg	<1000	<500	<500	<500	<500	**6600**	**1800**	<500	<500
P-3-3	3	12/13/2021	ug/kg	<1000	<500	<500	<500	**15000**	<500	**1900**	<500	<500
P-4-0	0	12/13/2021	ug/kg	<99	<50	<50	<50	**1100**	**420**	<50	<50	<50
P-4-1	1	12/13/2021	ug/kg	<1000	<500	<500	<500	**1400**	<500	<500	<500	<500
P-4-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	**430**	**300**	<50	<50	<50
P-5-0	0	12/13/2021	ug/kg	<990	<500	<500	<500	**6000**	**3400**	**670**	<500	<500
P-5-1	1	12/13/2021	ug/kg	<990	<500	<500	<500	**2500**	**2100**	<500	<500	<500
P-5-3	3	12/13/2021	ug/kg	<990	<500	<500	<500	**3200**	**1700**	<500	<500	<500
S-1-1	1	10/4/2020	ug/kg	<2500	<1200	<1200	<1200	**36000**	**18000**	<1200	<1200	<1200
S-1-3	3	10/4/2020	ug/kg	<500	<250	<250	<250	**1800**	**1500**	**2400**	<250	<250
S-1-5	5	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
S-2-1	1	10/4/2020	ug/kg	<4900	<2500	<2500	<2500	**21000**	**14000**	**6100**	<2500	<2500
S-2-3	3	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	**20000**	<2500	**3600**	<2500	<2500
S-2-5	5	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	**19000**	<2500	**3800**	<2500	<2500
S-2-5.5	5.5	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-3-1	1	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
S-3-3	3	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
S-3-5	5	10/4/2020	ug/kg	<98	<49	<49	<49	<49	<49	<49	<49	<49
S-4-1	1	10/4/2020	ug/kg	<200	<98	<98	<98	<98	<98	**150**	<98	<98
S-4-3	3	10/4/2020	ug/kg	<98	<49	<49	<49	<49	<49	<49	<49	<49
S-4-5	5	10/4/2020	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-5-1	1	10/4/2020	ug/kg	<98	<49	<49	<49	<49	<49	<49	<49	<49
S-6-1	1	10/4/2020	ug/kg	<100	<51	<51	<51	<51	<51	<51	<51	<51
S-6-3	3	10/4/2020	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-6-5	5	10/4/2020	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-7-1		10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-8-1	1	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-8-3	3	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-8-5	5	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-9-1	1	10/5/2021	ug/kg	<5000	<2500	<2500	<2500	**26000**	<2500	**23000**	<2500	<2500
S-9-3	3	10/5/2021	ug/kg	<100	<50	<50	<50	**310**	<50	**370**	<50	<50
S-9-5	5	10/5/2021	ug/kg	<100	<50	<50	<50	**83**	<50	**71**	<50	<50
S-10-1	1	10/5/2021	ug/kg	<10000	<5000	<5000	<5000	**49000**	<5000	**16000**	<5000	<5000
S-10-3	3	10/8/2021	ug/kg	<100	<50	<50	<50	**1300**	<50	**1500**	<50	<50
S-10-5	5	10/8/2021	ug/kg	<200	<100	<100	<100	**590**	<100	**530**	<100	<100
S-10-8	8	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-11-1	1	10/5/2021	ug/kg	<20000	<10000	<10000	<10000	**110000**	<10000	**32000**	<10000	<10000
S-11-3	3	10/5/2021	ug/kg	<100	<50	<50	<50	**70**	<50	<50	<50	<50
S-11-5	5	10/5/2021	ug/kg	<100	<50	<50	<50	**230**	<50	**110**	<50	<50
S-12-1	1	10/5/2021	ug/kg	<200	<100	<100	<100	**300**	<100	<100	<100	<100
S-12-3	3	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-12-5	5	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-13-1	1	10/6/2021	ug/kg	<500	<250	<250	<250	<250	<250	<250	<250	<250
S-14-1	1	10/6/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-15-1	1	10/6/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-15-3	3	10/6/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-16-1	1	10/6/2021	ug/kg	<500	<250	<250	<250	<250	<250	<250	<250	<250
S-16-3	3	10/6/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-17-1	1	10/7/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-17-3	3	10/7/2021	ug/kg	<100	<50	<50	<50	**69**	<50	**52**	<50	<50
S-18-1	1	10/7/2021	ug/kg	<100	<50	<50	<50	**180**	<50	<50	<50	<50
S-18-3	3	10/7/2021	ug/kg	<100	<50	<50	<50	**61**	<50	<50	<50	<50

Table 2 - Soil Analytical Results - PCBs
Supplemental Soil Investigation - 2021
Clow Valve

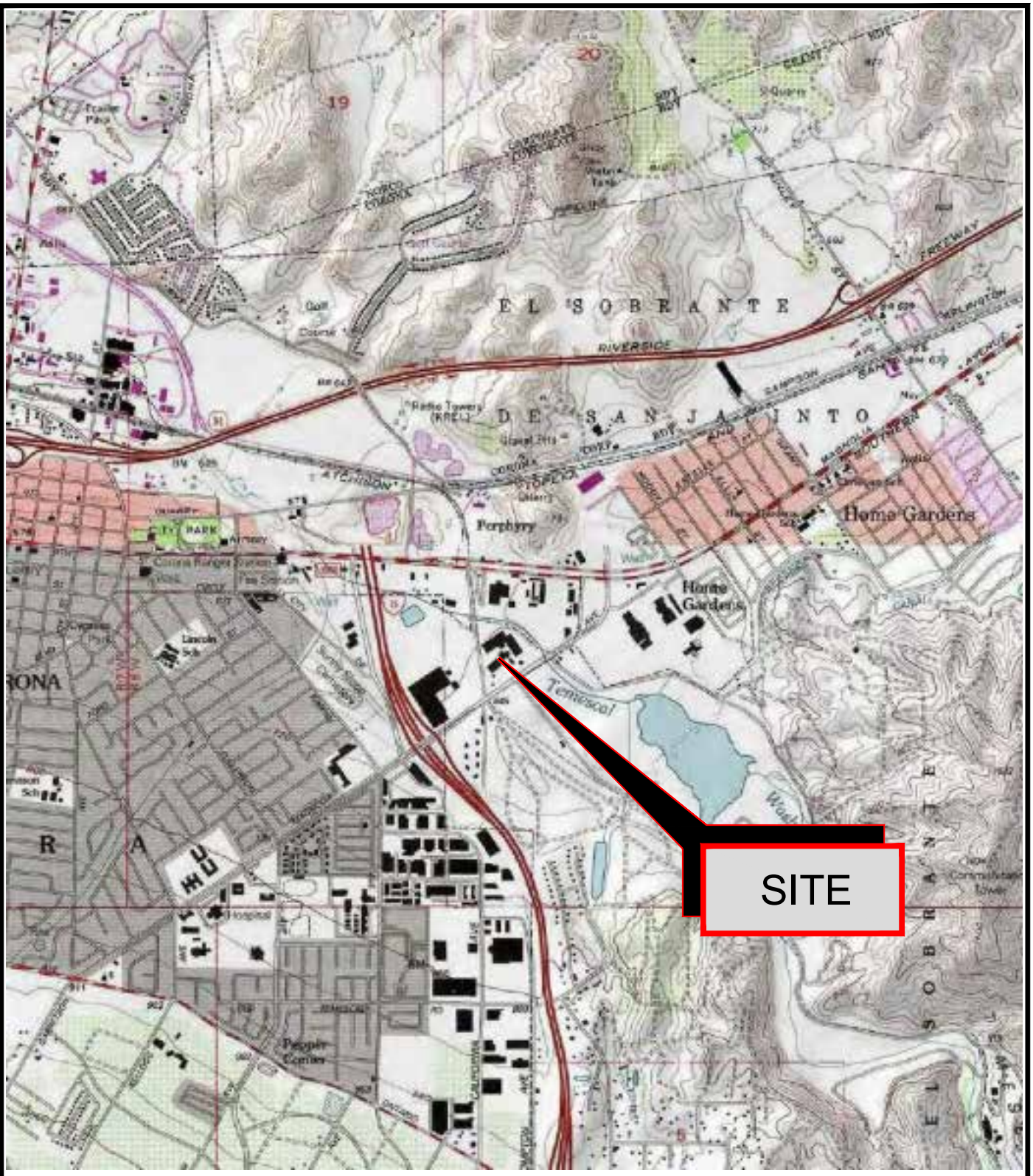
Sample ID	Depth	Date	Unit	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
S-18-5	5	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-19-1	1	10/7/2021	ug/kg	<100b	<50	<50	<50	<50	<50	<50b	<50	<50
S-19-3	3	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-20-1	1	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-20-3	3	10/7/2021	ug/kg	<100	<50	<50	<50	<50b	<50	<50	<50	<50
S-21-1	1	10/7/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-21-3	3	10/7/2021	ug/kg	<100b	<50	<50	<50	<50	<50	<50b	<50	<50
S-22-1	1	10/7/2021	ug/kg	<100	<50	<50	<50	<50b	<50	<50	<50	<50
S-22-3	3	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-22-5	5	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-23-1	1	10/8/2021	ug/kg	<200	<100	<100	<100	**6200**	<100	**5700**	<100	<100
S-23-3	3	10/8/2021	ug/kg	<200	<100	<100	<100	**3500**	<100	**3200**	<100	<100
S-23-5	5	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-23-7	7	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-24-1	1	10/8/2021	ug/kg	<200	<100	<100	<100	**400**	<100	**310**	<100	<100
S-24-3	3	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-24-5	5	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-25-1	1	10/12/2021	ug/kg	<1000	<500	<500	<500	**4600**	**2300**	<500	<500	<500
S-25-3	3	10/12/2021	ug/kg	<1000	<500	<500	<500	**1300**	**640**	<500	<500	<500
S-25-5	5	10/12/2021	ug/kg	<1000	<500	<500	<500	**680**	**290**	<500	<500	<500
S-26-1	1	10/12/2021	ug/kg	<1000	<500	<500	<500	**670**	<500	**5000**	<500	<500
S-26-3	3	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	**110**	<50	<50
S-26-5	5	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-27-1	1	10/12/2021	ug/kg	<1000	<500	<500	<500	**930**	<500	**2500**	<500	<500
S-27-3	3	10/12/2021	ug/kg	<100	<50	<50	<50	**410**	<50	**120**	<50	<50
S-27-5	5	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-27-10	10	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-28-1	1	10/12/2021	ug/kg	<1000	<500	<500	<500	**50000**	<500	**12000**	<500	<500
S-28-3	3	10/12/2021	ug/kg	<1000	<500	<500	<500	**5900**	**2900**	<500	<500	<500
S-28-5	5	10/12/2021	ug/kg	<1000	<500	<500	<500	**880**	**540**	<500	<500	<500
S-28-7	7	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-29-1	1	10/12/2021	ug/kg	<1000	<500	<500	<500	**630**	**510**	**720**	<500	<500
S-29-3	3	10/12/2021	ug/kg	**120**	<50	<50	<50	<50	<50	**290**	<50	<50
S-29-5	5	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-30-1	1	10/14/2021	ug/kg	<10000	<5000	<5000	<5000	**18000**	<5000	<5000	<5000	<5000
S-30-3	3	10/14/2021	ug/kg	<1000	<500	<500	<500	**2300**	<500	<500	<500	<500
S-30-5	5	10/14/2021	ug/kg	<10000	<5000	<5000	<5000	**31000**	<5000	<5000	<5000	<5000
S-30-6	6	10/14/2021	ug/kg	<2500	<1300	<1300	<1300	**7800**	<1300	<1300	<1300	<1300
S-31-1	1	10/14/2021	ug/kg	<100000	<50000	<50000	<50000	**290000**	<50000	<50000	<50000	<50000
S-31-3	3	10/14/2021	ug/kg	<100000	<50000	<50000	<50000	**170000**	<50000	<50000	<50000	<50000
S-31-5	5	10/14/2021	ug/kg	<25000	<13000	<13000	<13000	**120000**	<13000	<13000	<13000	<13000
S-31-10.5	10.5	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-32-1	1	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	**550**	<50	<50
S-32-3	3	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-32-5	5	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-32-7	7	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-32-11.8	11.8	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-33-1	1	10/15/2021	ug/kg	<100	<50	<50	<50	**1400**	<50	<50	<50	<50
S-33-3	3	10/15/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-34-1	1	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-34-3	3	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-35-1	1	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-35-3	3	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-36-1	1	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-36-3	3	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-37-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	**180**	<50	<50	<50	<50
S-37-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	**250**	<50	**53**	<50	<50
S-38-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	**260**	<50	<50	<50	<50
S-38-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50

Table 2 - Soil Analytical Results - PCBs
Supplemental Soil Investigation - 2021
Clow Valve

Sample ID	Depth	Date	Unit	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
S-39-1	1	12/13/2021	ug/kg	<1000	<510	<510	<510	**1700**	**1600**	<510	<510	<510
S-39-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-40-1	1	12/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-40-3	3	12/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-41-1	1	12/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-41-3	3	12/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-42-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-42-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-43-1	1	12/13/2021	ug/kg	<1000	<500	<500	<500	**650**	<500	**1000**	<500	<500
S-43-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-44-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	**2900**	<50	<50	<50	<50
S-44-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	**500**	<50	<50	<50	<50
S-45-1	1	12/13/2021	ug/kg	<99	<50	<50	<50	<50	<50	<50	<50	<50
S-45-3	3	12/13/2021	ug/kg	<99	<50	<50	<50	<50	<50	<50	<50	<50
S-46-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-46-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-47-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-47-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-48-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-48-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-49-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-49-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-50-1	1	12/13/2021	ug/kg	<99	<50	<50	<50	<50	<50	<50	<50	<50
S-50-3	3	12/13/2021	ug/kg	<99	<50	<50	<50	<50	<50	<50	<50	<50
S-51-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-51-3	3	12/13/2021	ug/kg	<99	<50	<50	<50	<50	<50	<50	<50	<50
S-52-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-52-3	3	12/13/2021	ug/kg	<98	<49	<49	<49	<49	<49	<49	<49	<49
S-53-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-53-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-54-1	1	12/14/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-54-3	3	12/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-55-1	1	12/13/2021	ug/kg	<99	<50	<50	<50	<50	<50	<50	<50	<50
S-55-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-56-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-56-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-57-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-57-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-58-1	1	12/14/2021	ug/kg	<500	<250	<250	<250	<250	<250	<250	<250	<250
S-58-3	3	12/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-59-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	**120**	**110**	<50	<50	<50
S-59-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-60-1	1	12/13/2021	ug/kg	<100	<50	<50	<50	**21000**	**16000**	<50	<50	<50
S-60-3	3	12/13/2021	ug/kg	<100	<50	<50	<50	**330**	**160**	<50	<50	<50

depth - ft
ug/kg - micrograms per kilogram
< - less than the reporting limit

Updated by: BS 01/03/22
Reveiwed by: FH 01/03/22



A | Drawn By: KB 01/28/2022 | Checked: BS 01/28/2022 | Approved: JB 01/28/2022 | DWG Name: Fig 1–Vicinity Map

S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD2022\Figure 1 - Vicinity Map.dwg 2/7/2022 12:37 PM Kbarfield

0 2000 4000
SCALE IN FEET

N

DRAFT

SOURCE: U.S. GEOLOGICAL SURVEY, 1997
QUADRANGLE: CORONA SOUTH
COUNTY: RIVERSIDE
SERIES: 7.5–MINUTE QUAD

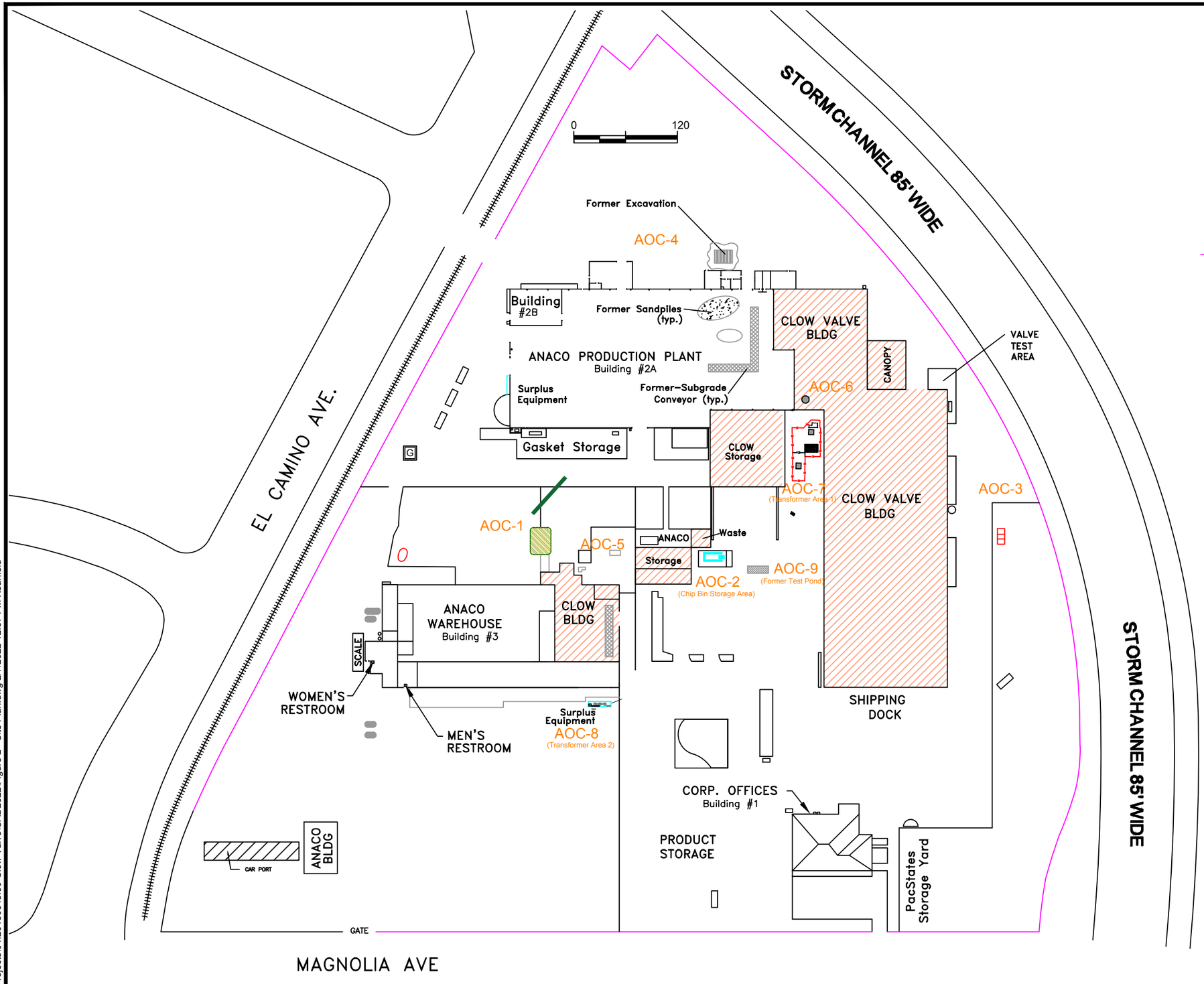
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1100 TOWN & COUNTRY RD
SUITE 200
ORANGE, CA 92868

Figure 1

VICINITY MAP

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879



LEGEND

- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND - TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY
- FORMER SEPTIC TANK DEBRIS APPROXIMATE LOCATION
- STRUCTURAL FOOTING APPROXIMATE LOCATION

Drawn By: KB 02/07/2022
Checked: BS 02/07/2022
Approved: JB 02/07/2022
DWG Name: Figure 2 - Site Plan

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

Figure 2
SITE LAYOUT

DRAFT

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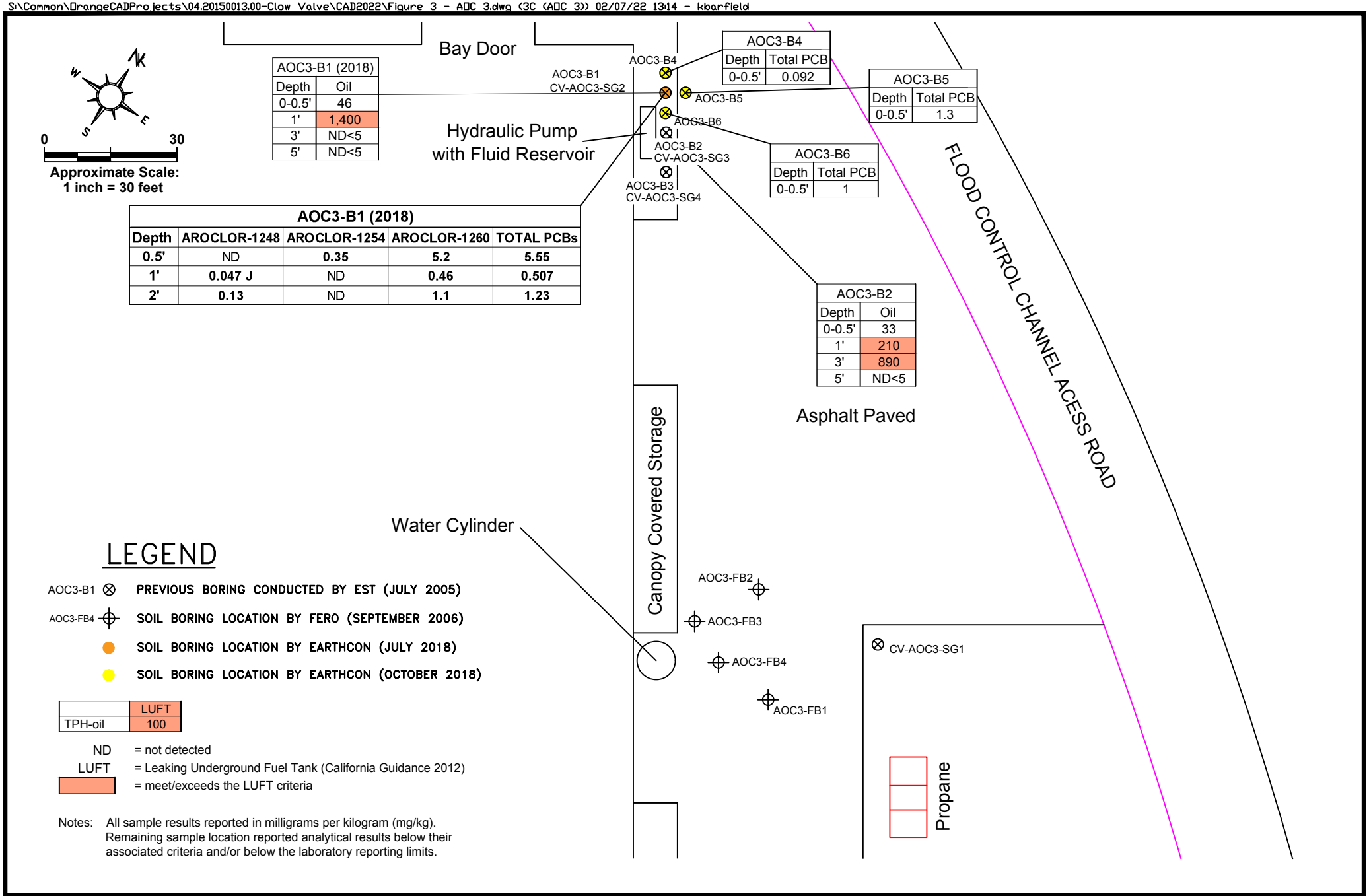
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0 120 240
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B

S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD2022\Figure 2 - Site Plan.dwg 2/7/2022 12:57 PM Kbarfield



AOC3-B1 (2018)

Depth	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	TOTAL PCBs
0.5'	ND	**0.35**	**5.2**	**5.55**
1'	**0.047 J**	ND	**0.46**	**0.507**
2'	**0.13**	ND	**1.1**	**1.23**

LEGEND

AOC3-B1 ⊗ **PREVIOUS BORING CONDUCTED BY EST (JULY 2005)**

AOC3-FB4 ⊕ **SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)**

● **SOIL BORING LOCATION BY EARTHCON (JULY 2018)**

● **SOIL BORING LOCATION BY EARTHCON (OCTOBER 2018)**

	LUFT
TPH-oil	100

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

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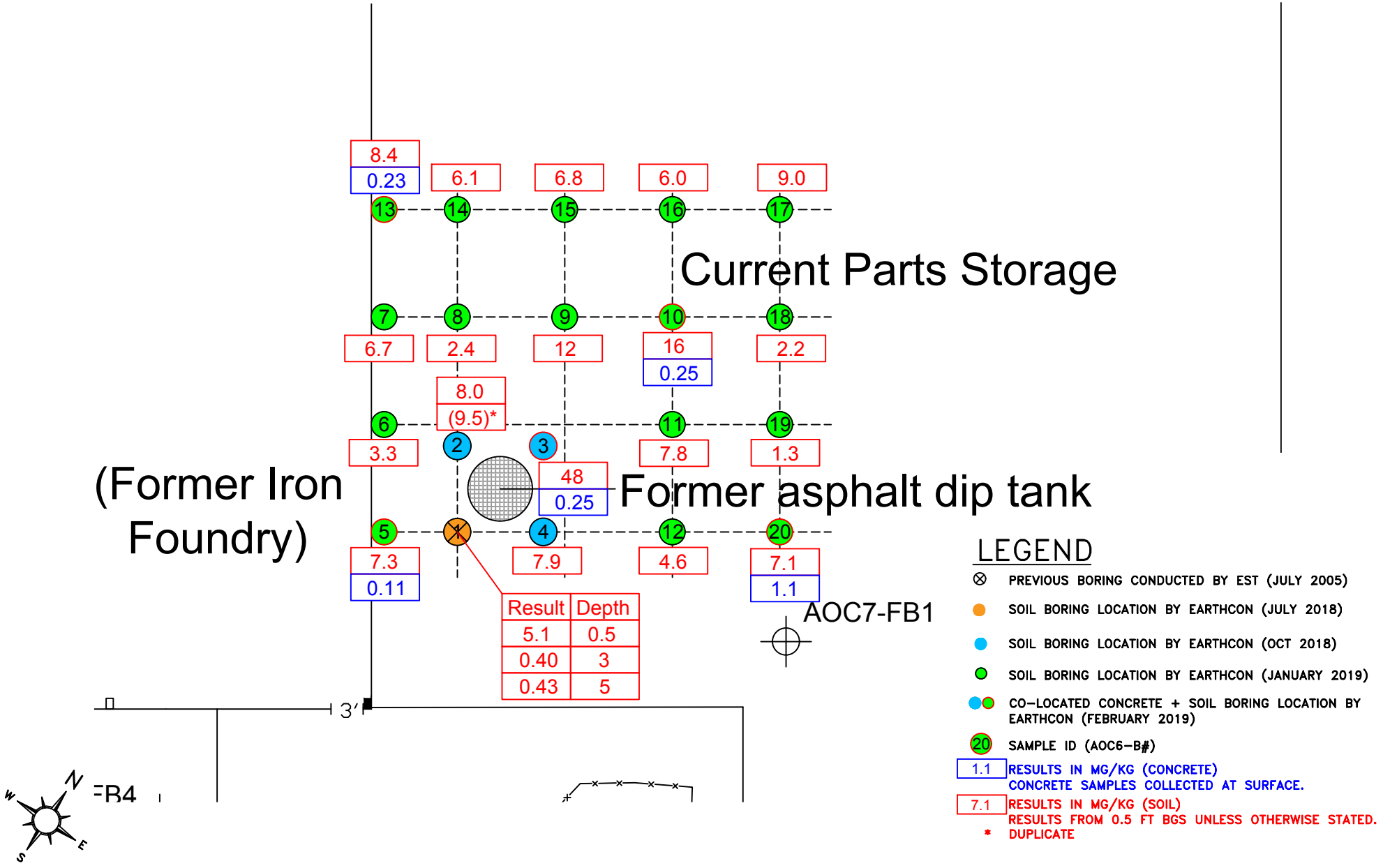
Figure 3 AOC 3

AOC 3 – WATER PRESSURE TEST AREA
TOTAL PCB SAMPLE LOCATIONS

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

Drawn By: KB 02/07/2022
Checked: BS 02/07/2022
Approved: JB 02/07/2022
DWG Name: Fig 3–AOC 3

S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD2022\Figure 4 - AOC 6.dwg (FIG 3) 02/07/22 13:29 - kbarfield



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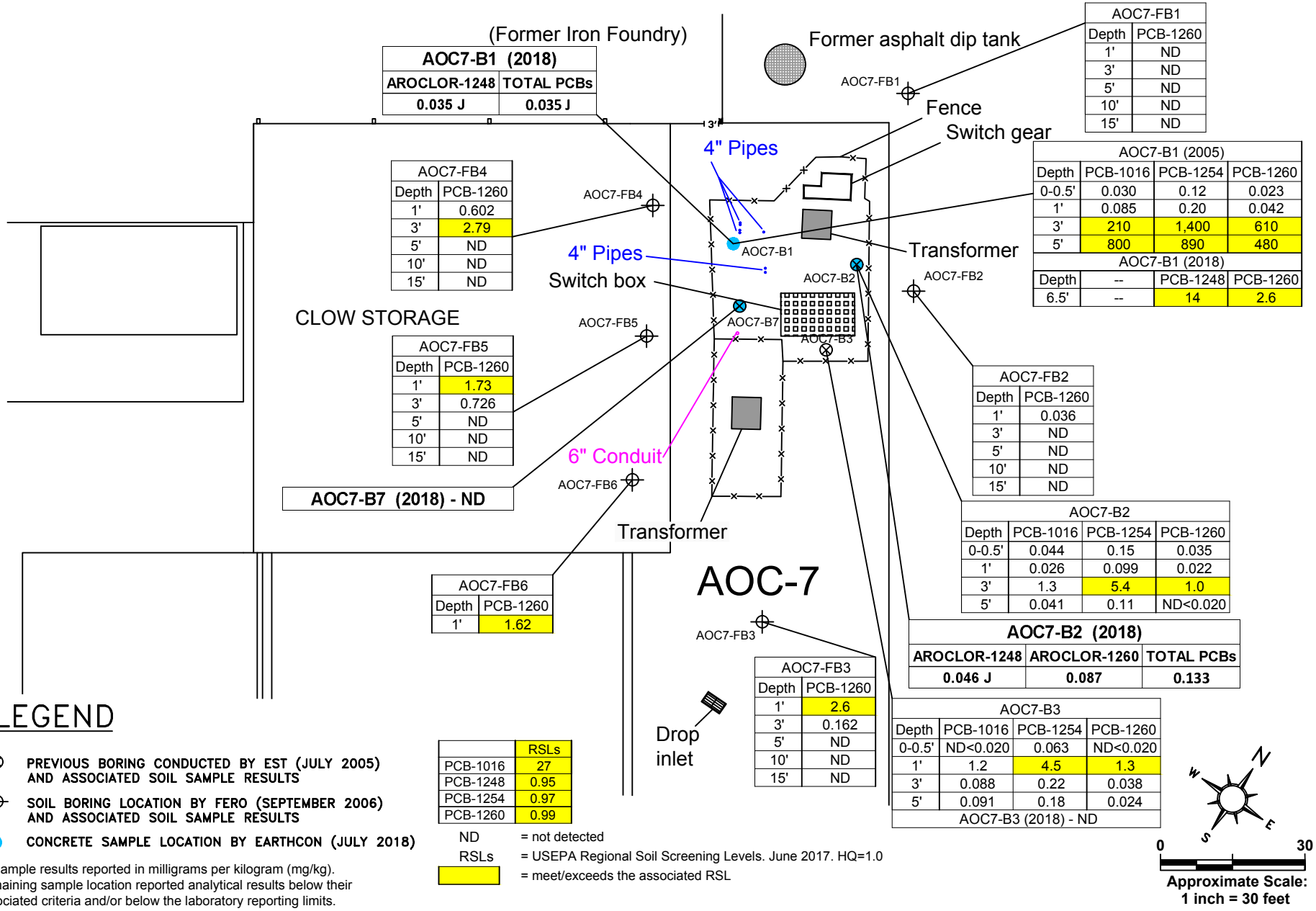
Figure 4

AOC 6 – FORMER ASPHALT DIP TANK AREA
TOTAL PCB ANALYTICAL RESULTS

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

Drawn By:	KB 02/07/2022
Checked:	BS 02/07/2022
Approved:	JB 02/07/2022
DWG Name:	Fig 4-AOC 6

S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD2022\Figure 5 - AOC 7.dwg (AOC7_3G) 02/07/22 13:38 - kbarfield



AOC7-B1 (2018)	
AROCLOR-1248	TOTAL PCBs
0.035 J	0.035 J

AOC7-FB1	
Depth	PCB-1260
1'	ND
3'	ND
5'	ND
10'	ND
15'	ND

AOC7-FB4	
Depth	PCB-1260
1'	0.602
3'	2.79
5'	ND
10'	ND
15'	ND

AOC7-B1 (2005)			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	0.030	0.12	0.023
1'	0.085	0.20	0.042
3'	210	1,400	610
5'	800	890	480
AOC7-B1 (2018)			
Depth	--	PCB-1248	PCB-1260
6.5'	--	14	2.6

AOC7-FB5	
Depth	PCB-1260
1'	1.73
3'	0.726
5'	ND
10'	ND
15'	ND

AOC7-FB2	
Depth	PCB-1260
1'	0.036
3'	ND
5'	ND
10'	ND
15'	ND

AOC7-B7 (2018) - ND

AOC7-B2			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	0.044	0.15	0.035
1'	0.026	0.099	0.022
3'	1.3	5.4	1.0
5'	0.041	0.11	ND<0.020

AOC7-FB6	
Depth	PCB-1260
1'	1.62

AOC7-B2 (2018)		
AROCLOR-1248	AROCLOR-1260	TOTAL PCBs
0.046 J	0.087	0.133

AOC7-FB3	
Depth	PCB-1260
1'	2.6
3'	0.162
5'	ND
10'	ND
15'	ND

AOC7-B3			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	ND<0.020	0.063	ND<0.020
1'	1.2	4.5	1.3
3'	0.088	0.22	0.038
5'	0.091	0.18	0.024
AOC7-B3 (2018) - ND			

LEGEND

AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005) AND ASSOCIATED SOIL SAMPLE RESULTS

AOC7-FB6 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006) AND ASSOCIATED SOIL SAMPLE RESULTS

● CONCRETE SAMPLE LOCATION BY EARTHCON (JULY 2018)

	RSLs
PCB-1016	27
PCB-1248	0.95
PCB-1254	0.97
PCB-1260	0.99

ND = not detected

RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0

= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

Approximate Scale: 1 inch = 30 feet

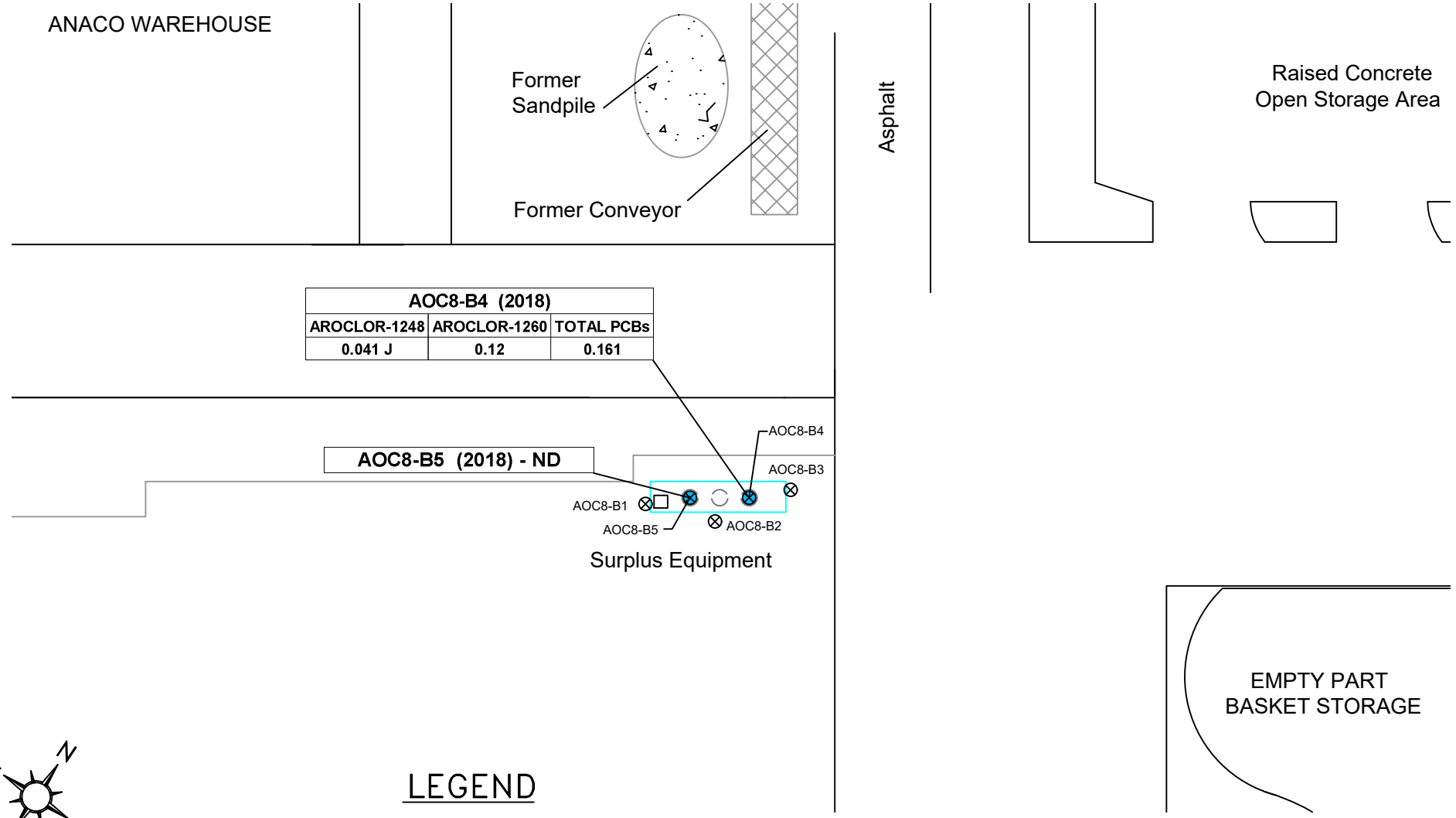
WSP USA Inc.
1100 TOWN & COUNTRY RD
SUITE 200
ORANGE, CA 92868

Figure 5

AOC 7 – TRANSFORMER AREA 1
PCB ANALYTICAL RESULTS

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

Drawn By:	KB 02/07/2022
Checked:	BS 02/07/2022
Approved:	JB
DWG Name:	Fig 5–AOC 7



LEGEND

AOC8-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

● CONCRETE SAMPLE LOCATION BY EARTHCON (JULY 2018)

Note: No exceedance of detected PCBs

Remaining sample location reported PCB analytical results below their associated criteria and/or below the laboratory reporting limits.

WSP USA Inc.
1100 TOWN & COUNTRY RD
SUITE 200
ORANGE, CA 92868

Figure 6

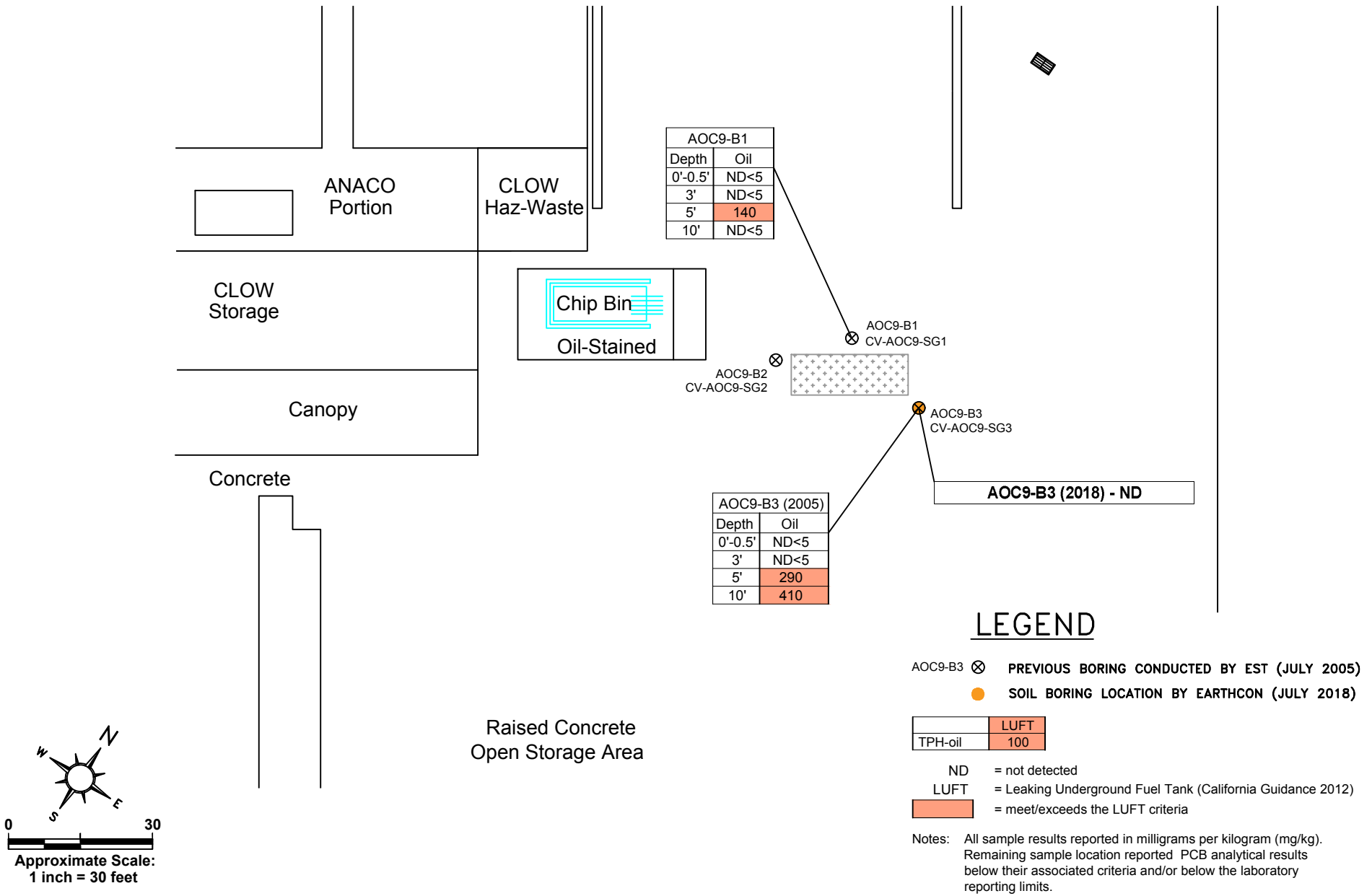
AOC 8 – TRANSFORMER AREA 2
PCB SAMPLE LOCATIONS

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

Drawn By: KB 01/07/2022
Checked: BS
Approved: JB
DWG Name: Fig 6–AOC 8

S:\Common\DrangeCAD\Projects\04.20150013.00-Clow Valve\CAD2022\Figure 6 - AOC 8.dwg (3H (AOC8)) 02/07/22 14:17 - kbarfield

S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD2022\Figure 7 - AOC 9.dwg (3I (AOC9)) 02/07/22 14:49 - kbarfield



LEGEND

AOC9-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

● SOIL BORING LOCATION BY EARTHCON (JULY 2018)

	LUFT
TPH-oil	100

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported PCB analytical results below their associated criteria and/or below the laboratory reporting limits.

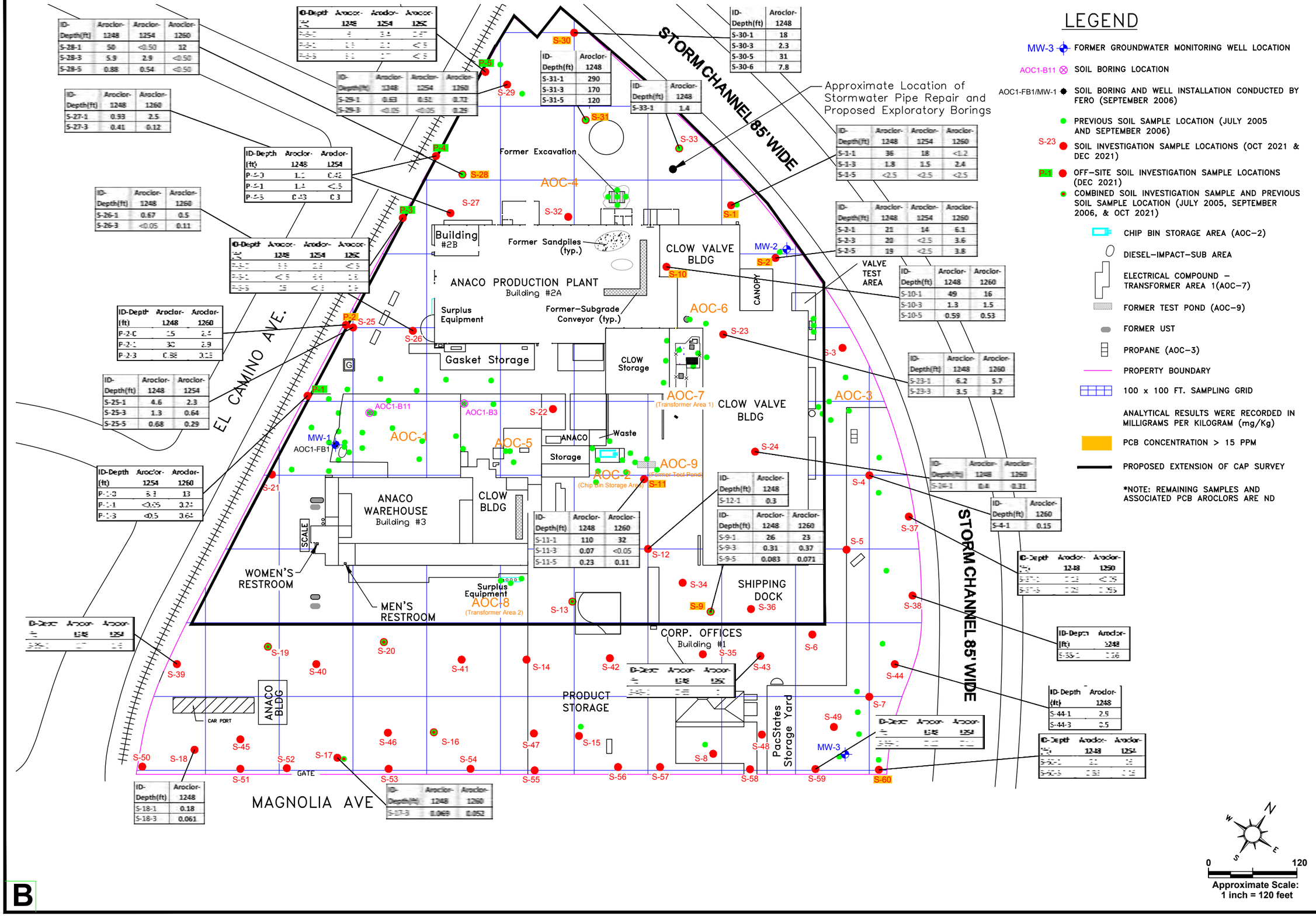
WSP USA Inc.
1100 TOWN & COUNTRY RD
SUITE 200
ORANGE, CA 92868

Figure 7

AOC 9 – FORMER TEST POND
PCB SAMPLE LOCATIONS

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

Drawn By: KB 01/31/2022
Checked: BS
Approved: JB
DWG Name: Fig 7–AOC 9



ID-Depth(ft)	Aroclor-1248	Aroclor-1254	Aroclor-1260
S-28-1	50	<0.50	12
S-28-3	5.9	2.9	<0.50
S-28-5	0.88	0.54	<0.50

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-27-1	0.93	2.5
S-27-3	0.41	0.12

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-26-1	0.67	0.5
S-26-3	<0.05	0.11

ID-Depth(ft)	Aroclor-1248	Aroclor-1254	Aroclor-1260
P-2-0	15	2.5	
P-2-1	32	3.9	
P-2-3	0.88	0.23	

ID-Depth(ft)	Aroclor-1248	Aroclor-1254
S-25-1	4.6	2.3
S-25-3	1.3	0.64
S-25-5	0.68	0.29

ID-Depth(ft)	Aroclor-1254	Aroclor-1260
P-3-3	5.3	13
P-3-1	<0.05	3.2
P-3-3	<0.5	3.6

ID-Depth(ft)	Aroclor-1248
S-18-1	0.18
S-18-3	0.061

ID-Depth(ft)	Aroclor-1248	Aroclor-1254	Aroclor-1260
S-29-1	0.63	0.51	0.72
S-29-3	<0.05	<0.05	0.29

ID-Depth(ft)	Aroclor-1248
S-30-1	18
S-30-3	2.3
S-30-5	31
S-30-6	7.8

ID-Depth(ft)	Aroclor-1248
S-31-1	290
S-31-3	170
S-31-5	120

ID-Depth(ft)	Aroclor-1248
S-33-1	1.4

ID-Depth(ft)	Aroclor-1248	Aroclor-1254	Aroclor-1260
S-1-1	36	18	<1.2
S-1-3	1.8	1.5	2.4
S-1-5	<2.5	<2.5	<2.5

ID-Depth(ft)	Aroclor-1248	Aroclor-1254	Aroclor-1260
S-2-1	21	14	6.1
S-2-3	20	<2.5	3.6
S-2-5	19	<2.5	3.8

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-10-1	49	16
S-10-3	1.3	1.5
S-10-5	0.59	0.53

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-23-1	6.2	5.7
S-23-3	3.5	3.2

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-11-1	110	32
S-11-3	0.07	<0.05
S-11-5	0.23	0.11

ID-Depth(ft)	Aroclor-1248
S-12-1	0.3

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-9-1	26	23
S-9-3	0.31	0.37
S-9-5	0.083	0.071

ID-Depth(ft)	Aroclor-1248	Aroclor-1260
S-24-1	0.4	0.31

ID-Depth(ft)	Aroclor-1260
S-4-1	0.15

ID-Depth(ft)	Aroclor-1248
S-44-1	2.9
S-44-3	3.5

LEGEND

- MW-3 — FORMER GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- S-23 — SOIL INVESTIGATION SAMPLE LOCATIONS (OCT 2021 & DEC 2021)
- P-1 — OFF-SITE SOIL INVESTIGATION SAMPLE LOCATIONS (DEC 2021)
- COMBINED SOIL INVESTIGATION SAMPLE AND PREVIOUS SOIL SAMPLE LOCATION (JULY 2005, SEPTEMBER 2006, & OCT 2021)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1(AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY
- 100 x 100 FT. SAMPLING GRID
- ANALYTICAL RESULTS WERE RECORDED IN MILLIGRAMS PER KILOGRAM (mg/Kg)
- PCB CONCENTRATION > 15 PPM
- PROPOSED EXTENSION OF CAP SURVEY

*NOTE: REMAINING SAMPLES AND ASSOCIATED PCB AROCLORS ARE ND

Drawn By: KB 01/07/2022
Checked: BS
Approved: JB
DWG Name: Fig 8-2021 PCB

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

Figure 8
SITE PLAN WITH REPORTED PCB CONCENTRATION – 2021 INVESTIGATION

WSP USA Inc.
1100 TOWN & COUNTRY RD
SUITE 200
ORANGE, CA 92868

S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD2022\Figure 8 - SP wPCB Concentrations-2021 Soil Investigation.dwg (F4 PCBs Conc w Proposed) 04/01/22 12:56 - hphan

B

APPENDIX

A CULTURAL RESOURCES RECORDS SEARCH

February 11, 2022

Kimberly Thienes
T&B Planning, Inc.
3200 El Camino Real, Suite 100
Irvine, California 92602

RE: Cultural Resources Records Search Results for the Corona Magnolia Project, Corona, California

Dear Ms. Theines:

An archaeological records search has been completed for the Corona Magnolia Project located northeast of the intersection of Magnolia and El Camino avenues (Assessor's Parcel Number [APN] 107-030-022), within the city of Corona, Riverside County, California. As part of the environmental review process, Brian F. Smith and Associates, Inc. (BFSA) reviewed the results of the records search compiled from data acquired from the Eastern Information Center (EIC) located at the University of California Riverside (UCR). The records search, which was completed on February 10, 2022, encompassed an area of one-half mile surrounding the subject property.

Based upon the records search results, 13 previous cultural resources studies conducted within one-half-mile of the Corona Magnolia Project are on-file with the EIC; however, none include the subject property. Further, the search data identified 10 resources, all associated with the historic built environment, recorded within one-half mile of the project. One of the previously recorded resources (Site P-33-020202) includes the entirety of the subject property, APN 107-030-022. Site P-33-020202 is characterized as a circa 1955 to circa 1960 six-building industrial-commercial complex which includes the addresses 1375 Magnolia Avenue and 1001 East El Camino Avenue. The resource was recorded, along with the majority of resources identified in the search radius, in 2011 by Tim Yates of ICF International as part of a proposed electrical substation and transmission line corridor identified as the "Circle City Substation Project."[1] Although the study associated with the Circle City Substation Project did not appear within the EIC holdings, based on the site record, Site P-33-020202 was recorded at the reconnaissance level and was not evaluated for inclusion within the California Register of Historic Resources. A search of the resource addresses failed to identify the property listed on the National Register of Historic

[1] Tim Yates, Site Record Form for P-33-020202, on file at the Eastern Information Center at the University of California at Riverside, Riverside, California, 2011.

Places Index, the California Register of Historic Resources, or the Office of Historic Places, Built Environment Resources Directory. BFSA also reviewed the Final Environmental Impact Report (FEIR) for the "Circle City 66 kV Subtransmission Line Project," available online from the City of Corona, for additional information about the resource.[2] Although the FEIR does not discuss Site P-33-020202 in detail, it does state that "[a]n additional 106 architectural resources were documented in the Architectural Study Area; however, they were not evaluated for California Register-eligibility because the resources themselves, as opposed to the parcels on which they are located, are all outside the Project Area and would not be directly impacted by the Project."[3]

The full results of the completed records search are attached to this letter report (Attachment A). Please contact us should you have any questions or require additional study for this project.

Regards,



Brian F. Smith
BFS:ag

Attachment:

Attachment A – EIC Archeological Records Search Results

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[2] Environmental Science Associates, Southern California Edison Circle City Substation and Mira Loma–Jefferson 66kV Subtransmission Line Project, Final Environmental Impact Report, prepared for the California Public Utilities Commission, on file at the City of Corona, https://ia.cpuc.ca.gov/environment/info/esa/Circle_City/PDF/SCE_CircleCity_FEIR.pdf, 2018.

[3] Environmental Science Associates, Southern California Edison Circle City Substation and Mira Loma–Jefferson 66kV Subtransmission Line Project, Final Environmental Impact Report (Appendices), prepared for the California Public Utilities Commission, on file at the City of Corona, https://ia.cpuc.ca.gov/environment/info/esa/Circle_City/PDF/SCE_CircleCity_FEIR_Appendices.pdf, 2018.

ATTACHMENT A

EIC Archaeological Records Search Results

BRIAN F. SMITH and ASSOCIATES

CALIFORNIA HISTORICAL RESOURCES INFORMATION SYSTEMS

RECORDS SEARCH

Company:	Brian F. Smith and Associates
Processed By:	Andrew Garrison
Date Processed:	February 10, 2022
Project Identification:	Corona Magnolia (22-028)
Information Center:	Eastern Information Center
Search Radius:	0.5 Mile

Historical Resources:

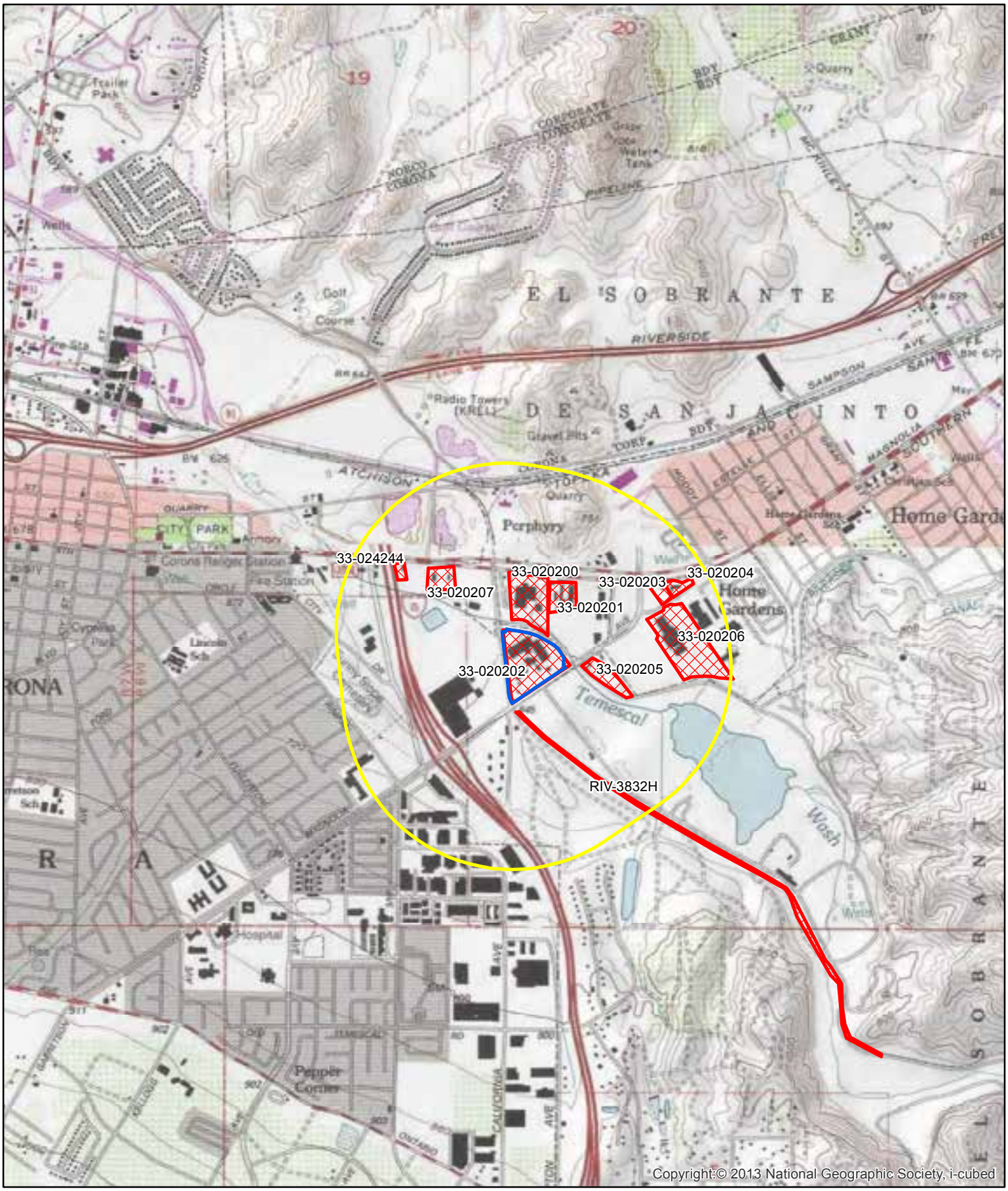
Trinomial and Primary site maps have been reviewed. All sites within the project boundaries and the specified radius of the project area have been reviewed. Copies of the site record forms have been reviewed for all recorded sites.

There are 10 resources recorded within one-half mile of the current project area, one of which (P-33-020202) is located within the subject property.

Previous Survey Report Boundaries:

Project boundary maps have been reviewed. National Archaeological Database (NADB) citations for reports within the project boundaries and within the specified radius of the project area have been reviewed.

There are13 reports within one-half mile of the current project, none of which include the subject property.



Project

Half Mile Radius

Resources

Corona Magnolia (22-028)
Resources Map
USGS *Corona North* and *Corona South*
Quadrangles
(7.5-minute series)

N

1:24,000

AJG BFSA: 2/10/2022

Resources

PrimaryString	TrinomialString	OtherIDs	Age	Attribs	RecordingEvents	Reports
P-33-003832	CA-RIV-003832	National Register - 6Y; Other - 202-5; Other - 202-4; Other - The Santa Fe Railroad grade through the Temescal Valley; Other - Santa Fe Railway; Other - Atchison, Topeka, and Santa Fe RR; Other - UCR ARU # 1039 and # 1111	Historic	AH07; HP19	1990 (Daniel F. McCarthy, Archaeological Research Unit, UC Riverside, CA.); 1990 (K. Swope and D. Peirce, Archaeological Research Unit, UC Riverside, CA.); 1995 (Bruce Love, CRM TECH, Riverside, CA.); 1996 (CRM TECH, CRM TECH); 2001 (Riordan Goodwin, n/a); 2005 (Kristie R. Blevins/ Anna M. Hoover, L & L Environmental, Inc.); 2006 (John Goodman, Nick Reseburg, and Windy Jones, Statistical Research, Inc.); 2006 (J. D. Goodman, Statistical Research, Inc.); 2011 (Robin D. Hoffman, n/a); 2014 (Daniel Leonard, n/a)	RI-02743, RI-03155, RI-03175, RI-03882, RI-04144, RI-04665, RI-04706, RI-04765, RI-05056, RI-06624, RI-08092, RI-08103, RI-08228, RI-09285, RI-10186
P-33-020200		Other - Riverside County APN 107-020-012	Historic	HP08	2011 (Tim Yates, IFC International)	
P-33-020201		Other - AE-2418-1H; Other - Riverside County APN 107-030-003; Other - 14282 E. 6th Street	Historic	HP06; HP39	2011 (Tim Yates, IFC International); 2012 (Josh Smallwood, Applied Earthworks, Inc.)	RI-08902
P-33-020202		Other - Riverside County APN 107-030-022; Other - 1375 Magnolia Avenue & 1001 E. El Camino Avenue	Historic	HP06; HP08	2011 (TIM YATES, IFC INTERNATIONAL)	
P-33-020203		Other - RIVERSIDE COUNTY APN 107-040-005; Other - 1640 E. 6th Street	Historic	HP06	2011 (TIM YATES, IFC INTERNATIONAL)	
P-33-020204		Other - RIVERSIDE COUNTY APN 107-040-006; Other - 1650 E. 6th Street	Historic	HP06	2011 (TIM YATES, IFC INTERNATIONAL)	
P-33-020205		Other - RIVERSIDE COUNTY APN 107-060-003; Other - 1480 Magnolia Avenue	Historic	HP06; HP08	2011 (TIM YATES, IFC INTERNATIONAL)	
P-33-020206		Other - RIVERSIDE COUNTY APNs 107-060-008 & 107-060-009; Other - San Valle Tile Kilns, Inc.; Other - 1620 Magnolia Avenue	Historic	HP08	2011 (Tim Yates, IFC International); 2012 (Tim Yates, IFC International)	
P-33-020207		Other - RIVERSIDE COUNTY APN 115-090-003; Other - 1340-1350 E. 6th Street	Historic	HP06	2011 (Tim Yates, ICF International)	
P-33-024244		Other - Riverside County APN 115-080-025; Other - 1302 E. 6th Street	Historic	HP06	2012 (Tm Yates, ICF International)	

State of California — The Resources Agency	Primary #
DEPARTMENT OF PARKS AND RECREATION	HRI#
CONTINUATION SHEET	Trinomial CA-RIV-3832H

 *Resource Name or # (Assigned by recorder) The Old Santa Fe Railroad Grade through the Temescal Valley

*Recorded by: Daniel Leonard *Date: May 1, 2014 ☐ Continuation ☑ Update

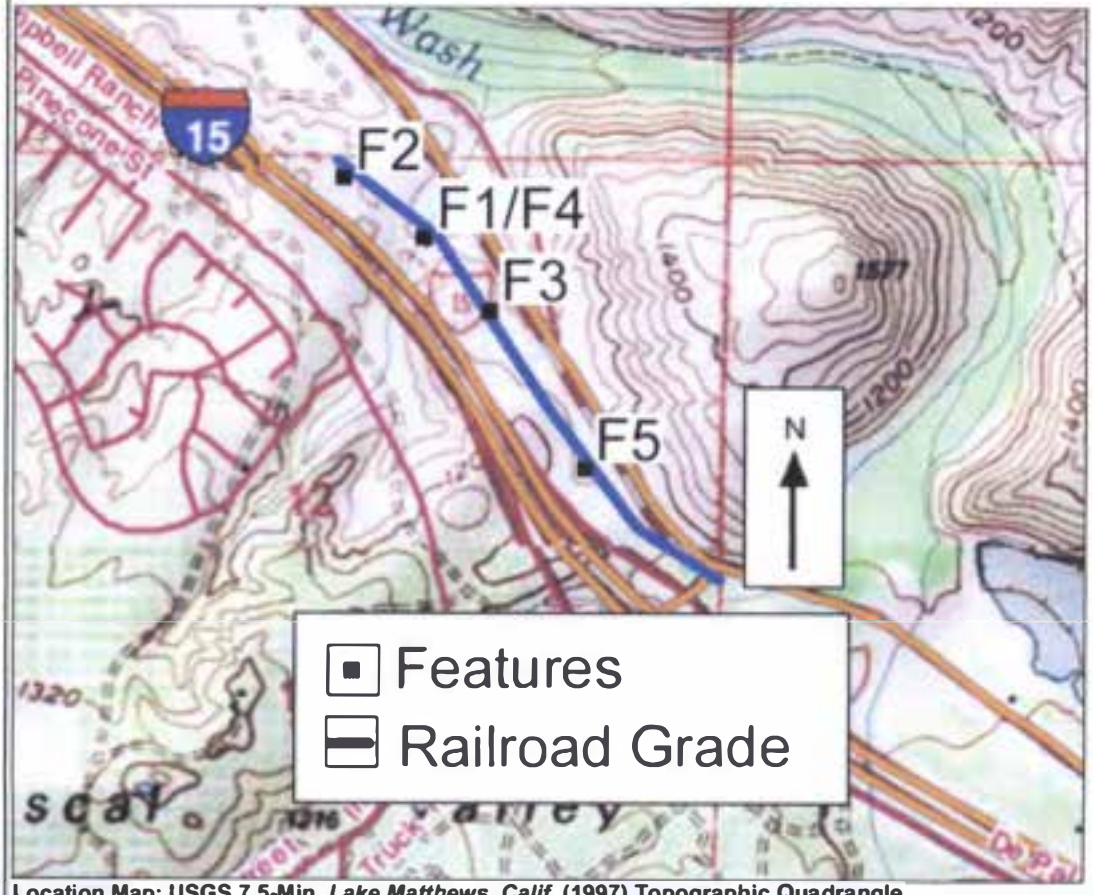
This resource has been recorded numerous times (Goodman et al. 2006, Love and Tang 1996, Goodwin 2001, Swope 1991, McCarthy 1990) as an abandoned historic-period railroad grade. Love and Tang's 1996 study represents a comprehensive identification and evaluation of the entire alignment, and the others assessed smaller segments. Although these recordings indicate that the grade remained visible in places, and some features are sporadically recognizable, all studies have conferred the resource with poor condition and a lack of integrity due to its 1970s dismantling. BCR Consulting visited the portion of the railroad grade that crosses the NE ¼ of Section 12, Township 5 South, Range 6 West (SBBM) on May 1, 2014. Current field observations were basically consistent with Love and Tang's 1996 study. Field crew noted an intermittently-visible and highly disturbed railroad grade accompanied by the following features (plotted within the study area below):

Feature 1: a 33-foot section of displaced track (NAD 83 UTMs 457697mE/3435081mN)
Feature 2: a concrete culvert stamped "1926" (NAD 83 UTMs 457515mE/3735210mN, at SW)
Feature 3: a second concrete culvert stamped "1926" (NAD 83 UTMs 457817mE/3734976mN)
Feature 4: a partial culvert similar to F2 and F3 but lacking date stamp (NAD 83 UTMs 457693mE/3735108mN)
Feature 5: a second partial culvert pipe, no date stamp (NAD 83 UTMs 457998mE/3734688)

Significant disturbances related to mechanical dismantling of the system during the 1970s (see Additional Research above) have conferred a poor condition, and diminished integrity.

References:

Goodman, John, Nick Reseburb, Windy Jones. 2006. Site Record for CA-RIV-3832H. On File, Eastern Information Center, UCR.
Goodwin, Riordan. 2001. Site Record for CA-RIV-3832H. On File, Eastern Information Center, UCR.
McCarthy, Daniel. 1990. Site Record for CA-RIV-3832H. On File, Eastern Information Center, UCR.
Swope, Karen. 1991. Site Record for CA-RIV-3832H. On File, Eastern Information Center, UCR.
Tang, Bai "Tom" and Bruce Love. 1996. Site Record for CA-RIV-3832H. On File, Eastern Information Center, UCR.



Location Map: USGS 7.5-Min. *Lake Matthews, Calif.* (1997) Topographic Quadrangle

*Required information

*Recorded by: Daniel Leonard *Date: May 1, 2014 ☐ Continuation ☑ Update

Photos



Photo 1: Feature 2 (N)



Photo 2: Feature 4 (S)



Photo 3: Feature 1 (W)



Photo 4: Feature 3 (NE)



Photo 5: Railroad grade (NW)



Photo 6: Feature 5 (N)

*Recorded by: Robin D. Hoffman *Date: 14 Sept. 2011 ☐ Continuation ■ Update

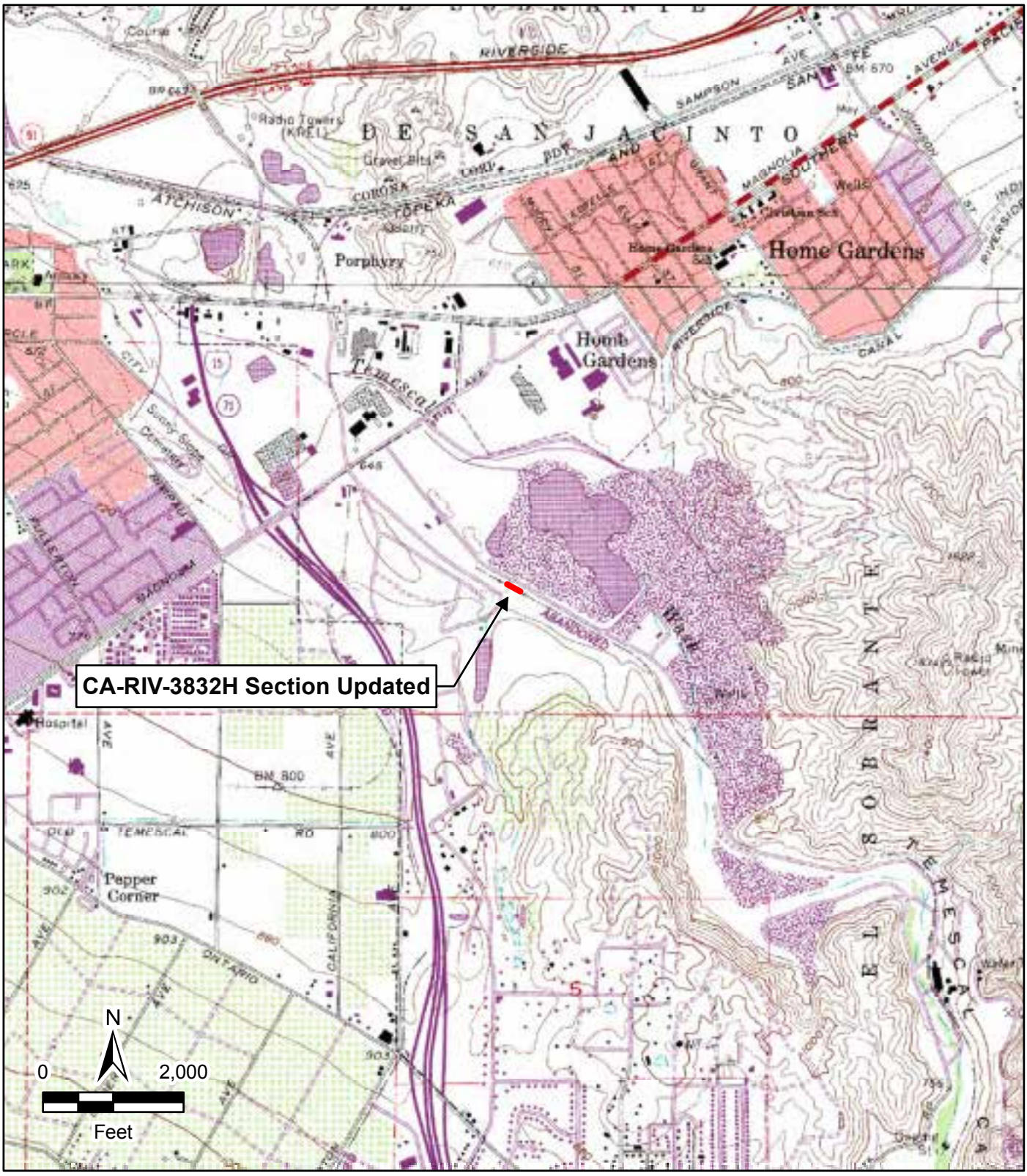
The portion of CA-RIV-3832H indicated by the the 1996 site record to be within the Project area and still identifiable consists of a small segment on the W side of Sherborn Street, S of Magnolia Avenue, in the city of Corona. Upon inspection during the survey, however, no evidence of this portion of the alignment was observed. It appears that the modern railroad and adjacent construction activities have destroyed this portion of the alignment, leaving no identifiable features.

State of California - The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #: _____
Trinomial: CA-RIV-3832H UPDATE

Resource Name or #: Atchison, Topeka and Santa Fe Railroad - Temescal Valley branch

Map Name: Corona South **Scale:** 1:24,000 **Date of Map:** 1997



Required information is bold

State of California — The Resources Agency DEPARTMENT OF PARKS AND RECREATION **CONTINUATION SHEET**	Primary #: HRI #: Trinomial: CA-RIV-3832H UPDATE

Page 1 of 1 ***Resource Name or #:** CA-RIV-3832H **UPDATE**

*Recorded by: J. D. Goodman Date: May 26, 2006

The Site CA-RIV)-3832H is the At & SF Railroad branch that went through Temescal Valley (see old site form for dates). In the western end of the study area we came across a burnt railroad bridge/trellis and railroad grade (recorded as SRI 134 at the time), and later realized that these features are all components/features of RIV-3832H. Only burnt upright posts remain of this bridge and some long rod bolts, nuts, and cast-iron washers with embossed dates of 1902. Also, on either sides of the bridge and drainage are concrete retaining walls to support the sides of the upper bank. Continuing on both sides of the burnt bridge and retaining walls are the east and west remnants of the raised railroad grade.

RECEIVED IN
SEP 28 2006
EIC

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #: P-
HRI #:
Trinomial:
CA-RIV-3832H NRHP
Status Code:

Other Listings
Review Code
Reviewer
Date

***Resource Name or #:** CA-RIV-3832H UPDATE

P1. Other Identifier: S CA-RIV-3852H

***P2. Location:** ■ **Not for Publication** ☐ **Unrestricted** ***a. County:** Riverside

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quad:** Lake Mathews , CA **Date:** 1967 (Photorevised 1988)
T. 5S; **R.** 6W NE 1/4 of SW ¼ of **Sec.b** 2 ; S.B.**B.M.**

c. Address: City: Zip:

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 468249 mE / 3728306mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate). A burned historical railroad truss/bridge associated with the previously recorded Atchison Topica and Santa Fe Railroad (CA-RIV-3852H) was found in the portion of rail line that passes through a tributary of northwestern Temescal Wash in the Temescal Valley. The bridge is approximately 20m southwest of I- 15.

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries). This truss/bridge was constructed of large upright support posts, and both sides of the bank of the wash for the bridge were secured with large formed-and-poured concrete retaining " pads." The raised railroad grade on both sides of the burnt bridge has a height of approximately 10', and the grade cuts through several small hills in this area.

***P3b. Resource Attributes:** (List attributes and codes.) HP19 (Bridge)

***P4. Resources Present:** ☐ Building ☐ Structure ☐ Object ■ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)

P5b. Description of Photo (View, date, accession #): Photo # DSC00458: west-facing view of bridge.



***P6. Date Constructed/ /Age and**
☐Prehistoric ☐Both
Sources: ■ Historic

***P7. Owner and Address:**

***P8. Recorded by:**
John Goodman, Nick Reseburg, and Windy Jones
Statistical Research, Inc.
P.O. Box 390
Redlands, CA 92373

***P9. Date Recorded:**
April 21, 2006

***P10. Survey Type: (Describe):**
Class III archaeological survey to evaluate areas of transmission line upgrade and installation of new line.

***P11. Report Citation:** M. Lerch and M. Gray, editors; 2006; *Cultural Resources Assessment of the Valley-Ivyglen Transmission Line Project, Riverside County, California.* SRI Technical report 06-63. Statistical Research, Redlands, California. Submitted to Our Client, SCE, Rosemead, California.

***Attachments:**
☐ NONE
■ Location Map
■ Sketch Map
☐ Continuation Sheet
☐ Building, Structure, and Object Record
■ Archaeological Record
☐ District Record
☐ Linear Feature Record
☐ Milling Station Record
☐ Rock Art Record
☐ Artifact Record
☐ Photograph Record

1. Dimensions: a. Length: 100 feet E/W **b. Width:** 90 feet N/S
Method of Measurement: ☐ Paced ■ Taped ☐ Visual estimate ■ Other: GPS

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*Required information

Method of Determination: (check any that apply) ☐ Artifacts ■ Features ☐ Excavation ☐ Soil ☐ Vegetation ☐ Topography ☐ Cut bank ☐ Animal burrow ☐ Property boundary ☐ Other (Explain):
Reliability of Determination: ■ High ☐ Medium ☐ Low

Limitations (check any that apply): ☐ Restricted access ☐ Paved/built over ☐ Site limits incompletely defined
Disturbances **A2.** ☐ Vegetation ☐ Other (Explain):
Depth: ■ None ☐ Unknown

***A3. Human Remains:** ☐ Present ☐ Absent ☐ Possible ☐ Unknown (Explain):

***A4. Features** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map): Constructed within a drainage that has a width of approximately 43', the remains of the bridge consists of a series of six large (burnt) support posts or beams aligned in an east-west direction, and each of the post series/rows has six posts; a total of 36 posts were used for the support posts. Some of the bottoms of the burnt post are covered in (flooding) soil. The post are similar to, or the same as, treated Douglass Fir telephone posts. The average spacing between the post rows is 14', and the individual posts are spaced at an average distance of about 4'. Many of the posts have a diameter of from 12" to 14". The row of outer posts (on both sides)lean inward towards the other vertically set posts at an angle of approximately 60 degrees. Some bent sheet-metal brackets to secure the posts and associated lumber have a length of 38", a width of 3", and a thickness of 1/4". Attached to some of the posts are 40"-long rod bolts with a diameter of 1", many have square nuts that measure 1' on a side, and on some of these rod bolts are large cast-iron washers with a diameter of 4" and they are embossed with "LEABLE / 33/4 x 4-1/2 / PAT / May / 10 / 04" (1904). These washers have a raised central area and raised radiating "spokes" as a design element. Some of the posts also have large wood screws with a length of 4" and a proximal diameter of 1". The larger concrete pad on the west bank of the wash was constructed on the first river terrace, and this pad has a length of 70' and a width of 15'. The smaller pad on the eastern bank, constructed on the second river terrace, has a length of 50' and a width of 10'. The walls of the pads facing the wash and bridge slant downward towards the wash at an angle of about 30 degrees. No rails, ties, spikes, or fishplates to secure the rails occur on the raised grade. In this area on both sides of the burnt bridge the rail bed has a width of 8', and the raised grade of imported gravel (rhyolitic gravel?) Have a length of 12' and a height of 10'. A modern concrete pad that is cracked and broken from soil washout during flooding is directly north of the bridge. The modern pad was constructed to help shore the road that is directly north of the bridge. An alignment of east-west burnt fence posts are to the south of the bridge.

***A6. Were Specimens Collected?** ■ No ☐ Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)

***A7. Site Condition:** ☐ Good ■ Fair ☐ Poor (Describe disturbances.):

***A8. Nearest Water** (Type, distance and direction): The bridge is a tributary of Temescal Wash, which is approximately 300 m to the northeast. .

***A9. Elevation:** 1,120 feet AMSL

A10. Environmental Setting (Describe culturally relevant variables such as vegetation, fauna, soils, geology, land form, slope, aspect, exposure, etc.): As mentioned above, the bridge was constructed over a tributary of Temescal Wash. A riparian corridor of Cottonwood, Sycamore, and Willow trees flanks the wash. Modern I-10 is close by to the north, and a modern "bone yard" with pipes and other building supplies is directly to the northeast. In this area the general northwest-southeast-trending railroad grade curves to the north.

A11. Historical Information: This section of the AT & SF Railroad, constructed between Lake Elsinore and Corona, was in initially constructed in 1896 to serve the coal and clay mines of the area. The washers on the rod bolts attached to some of the posts have a manufacture date of 1902, therefore this bridge may date to around this period, or perhaps the older bridge was secured with washers and bolts in about 1902 or shortly after.

***A12. Age:** ☐ Prehistoric ☐ Protohistoric ☐ 1542–1769 ☐ 1769–1848 ☐ 1848–1880 ■ 1880–1914 ☐ 1914–1945 ☐ Post-1945 ☐ Undetermined **(Describe position in regional prehistoric chronology or factual historic dates if known):**

A13. Interpretations: (Discuss data potential, function(s), ethnic affiliation, and other interpretations): The remains of the bridge are fairly primitive, and the use of posts rather than square beams suggests that relatively minimal energy and expenditure was implemented on this rustic bridge.

A14. Remarks: The bridge appears to have burned in a fire that at some time swept across the entire area.

A15. References: (Documents, informants, maps, and other references):

A16. Photographs: (List subjects, direction of view, and accession numbers or attach a Photograph Record.): Photo # DSC00458 on the Primary Record is a west-facing view of bridge. Many additional photographs were taken of the bridge and the associated hardware and railroad grade.

A17. Form Prepared by: John D. Goodman II **Date:** June 7, 2006
Affiliation and Address: Statistical Research, Inc., P. O. Box 390, Redlands, California 92373-0123

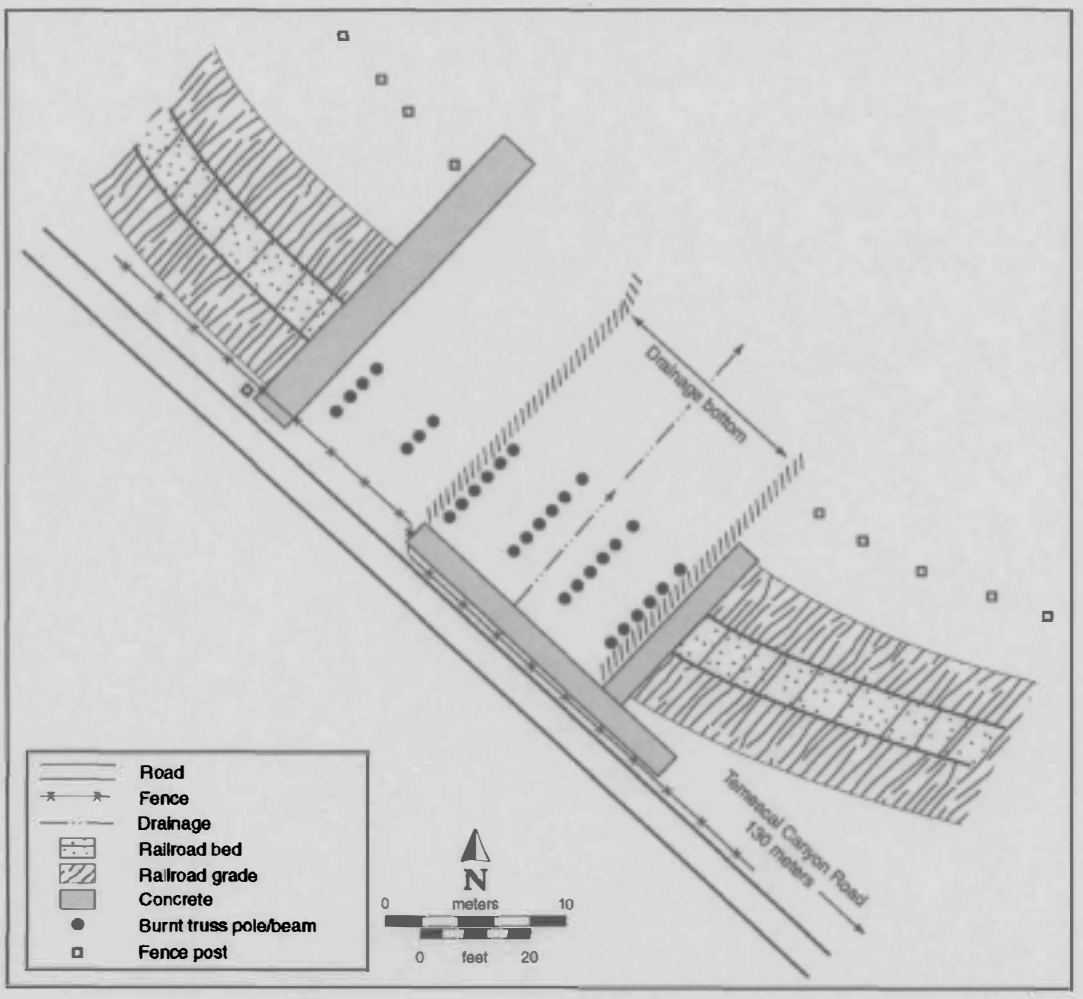
State of California — The Resources Agency
DEPARTMENT OF PARKS AND
RECREATION **SKETCH MAP**

Primary #:
Trinomial: CA-RIV-3832H

Resource Name or #: CA-RIV-3832H

Drawn By: John D. Goodman II

Date: April 12, 2006

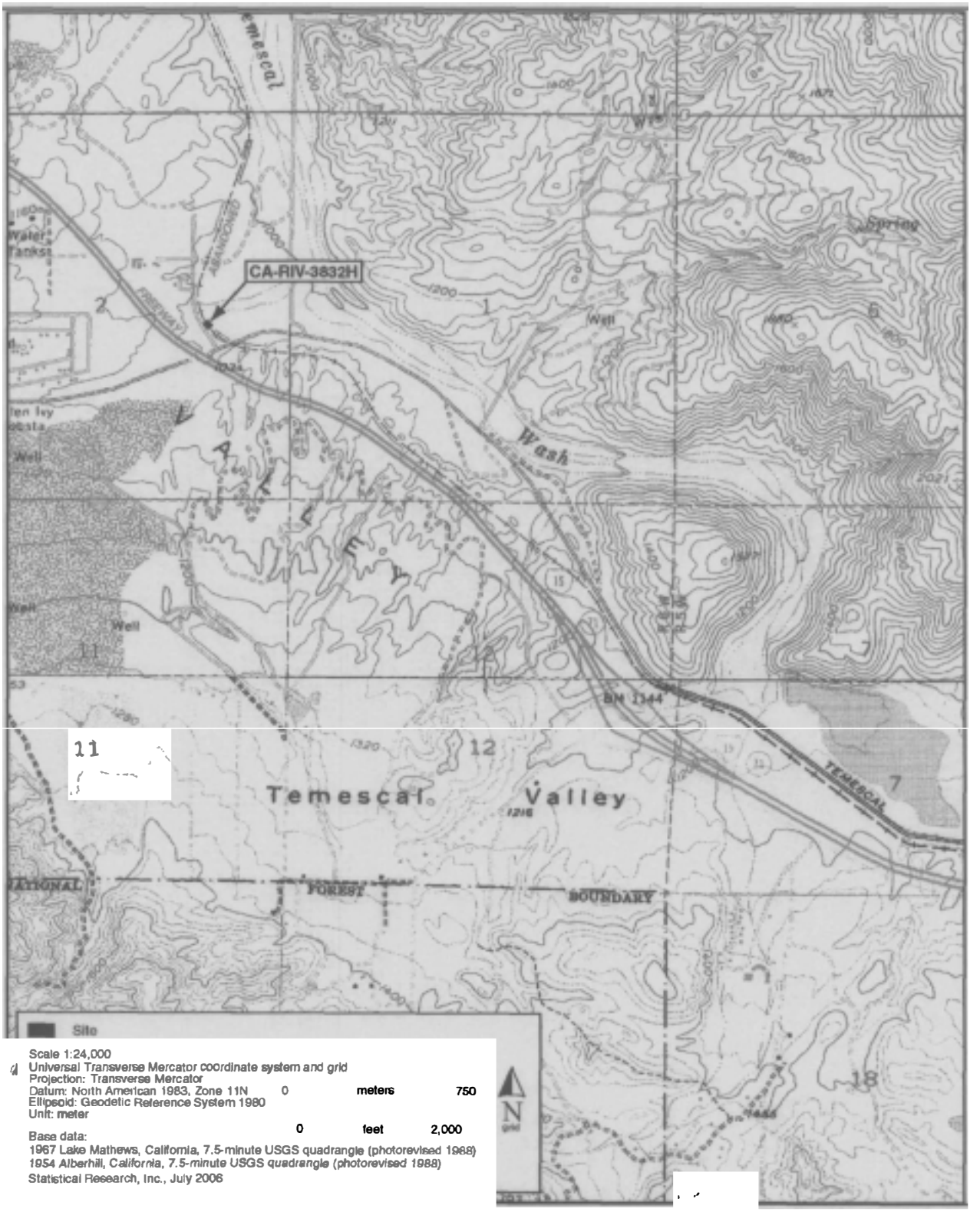


*Required information

State of California — The Resources Agency
DEPARTMENT OF PARKS AND
RECREATION **LOCATION MAP**

Primary #: P-
Trinomial: CA-RIV-3832H

Resource Name or #: CA-RIV-3832H
Map Name: USGS Lake Mathews , CA 7.5-minute **Scale:** 1:24,000 **Date:** 1967 (photorevised 1988)



*Required information

State of California -The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

Primary # P-33-003832 (Update)
HRI#
Trinomial CA-RIV-3832H

Page 1 of 3 * **Resource Name or #:** (Assigned by Recorder):
Other Identifier: The Santa Fe Railroad grade through the Temescal Valley

***Recorded by** Kristie R. Blevins/Anna M. Hoover ***Date** 05-01-05 [ ] Continuation [X] Update

There was no indication of change on the portion of the Santa Fe Rail observed during the current project. The portion is located to the immediate south of Temescal Canyon Road where it crosses under Interstate 15 and extends to the south, directly southwest of El Hermano Road. Portions of the wooden rail ties were noted as well as broken aqua-colored transformer glass.

The rail line was previously deemed non-significant and is slated for destruction.

See reference for additional information: Hoover, Gillean and Wagner (2005). *A Phase I Archaeological and Paleontological Survey Report for APNs 290-060-007, -017 & -019 and 290-080-012, -014 & -015, a +32 Acre Property, County of Riverside, California.* On file with L&L Environmental, Inc and the Eastern Information Center, UC-Riverside.

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Photo 1: Railroad berm, facing SE, 05-01-05



Photo 2: Aqua-colored transformer glass, lying on ground surface, 05-01-05

L & L Environmental, Inc.
1269 Pomona Rd. Suite #102
Corona, CA. 92882

Primary #: 33-003832 (Update)
HRI#: _____ Trinomial:
CA-RIV-3832H

 Resource Name or #: Santa Fe railroad grade through Temescal Valley



Photo 3: Railroad berm running N/S, facing NW, 05-01-05



Photo 4: Remnants of a Rail tie, 05-01-05

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____ UPDATE
Trinomial CA-RIV-3832H
NRHP Status Code 6Y
Other Listings_____
Review Code _____ Reviewer _____ Date _____

Page 1 of 4 *Resource Name or #: (Assigned by recorder)_____

P1. Other Identifier: The Santa Fe Railroad grade through the Temescal Valley

***P2.** Location: ☒ Not for Publication ☐ Unrestricted ***a. County** Riverside

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b.** USGS 7.5' Quad *Alberhill, CA* **Date** 1953, PR 1988 **T** 4W ; **R** 5S ; SE & SW ¼s of Sec 7 ; SB **B.M.**

c. Address Temescal Canyon Road **City** Alberhill **Zip** _____

d. UTM: (Give more than one for large and/or linear resources) **Zone** 11 ; East end: 459780 **mE** / 3733560 **mN**, West end: 458750 **mE** / 3734100 **mN**

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

Take the Indian Truck Trail exit from Interstate 15 and turn right; turn left on Temescal Canyon Road.

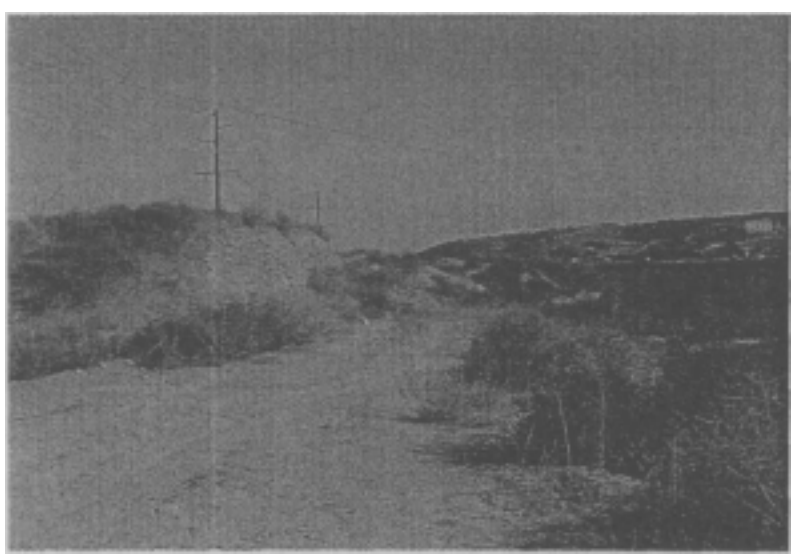
***P3a.** Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

This site consists of the remains of the Atchison, Topeka, and Santa Fe railroad between Lake Elsinore and Corona. Initial sections were built in 1896 to serve coal and clay mines. Only the segment within the project area was surveyed. All the railroad features have been removed (i.e., the tracks, ties, signal system) and the roadbed has been severely disturbed in the eastern portion and obliterated in the western portion of the project area by earth moving activities and erosion.

***P3b.** Resource Attributes: (List attributes and codes) (AH7) Railroad Grade

***P4.** Resources Present: ☐ Building ☐ Structure ☐ Object ☒ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)

5a. Photograph or Drawing: (Photo required for buildings, structures, and objects.)



P5b. Description of Photo: (View, data, accession #)
CA-RIV-3832H ph. View east of old A, T & SF road cut

***P6. Date Constructed/Age and Sources:** ☒ Historic ☐ Prehistoric ☐ Both
Love, Bruce and Tom Tang 1998 Temescal Canyon

***P7. Owner and Address:**
Sukut Construction

***P8. Recorded by:** (Name, affiliation, and address):
Riordan Goodwin
1650 Spruce Street, 5th Floor
Riverside, CA 92507

***P9. Date recorded:** 10/2/01

***P10. Survey Type:** (Describe) Intensive

***P11. Report citation:** (Cite survey report and other sources or enter "none.") *Cultural Resources Assessment, Temescal Canyon Parcel, Riverside County, California*

Attachments: None ☒Location Map ☐Sketch Map ☐Continuation Sheet ☐Building, Structure, and Object Record ☒Archaeological Record ☐District Record ☒Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐Other (List) _____

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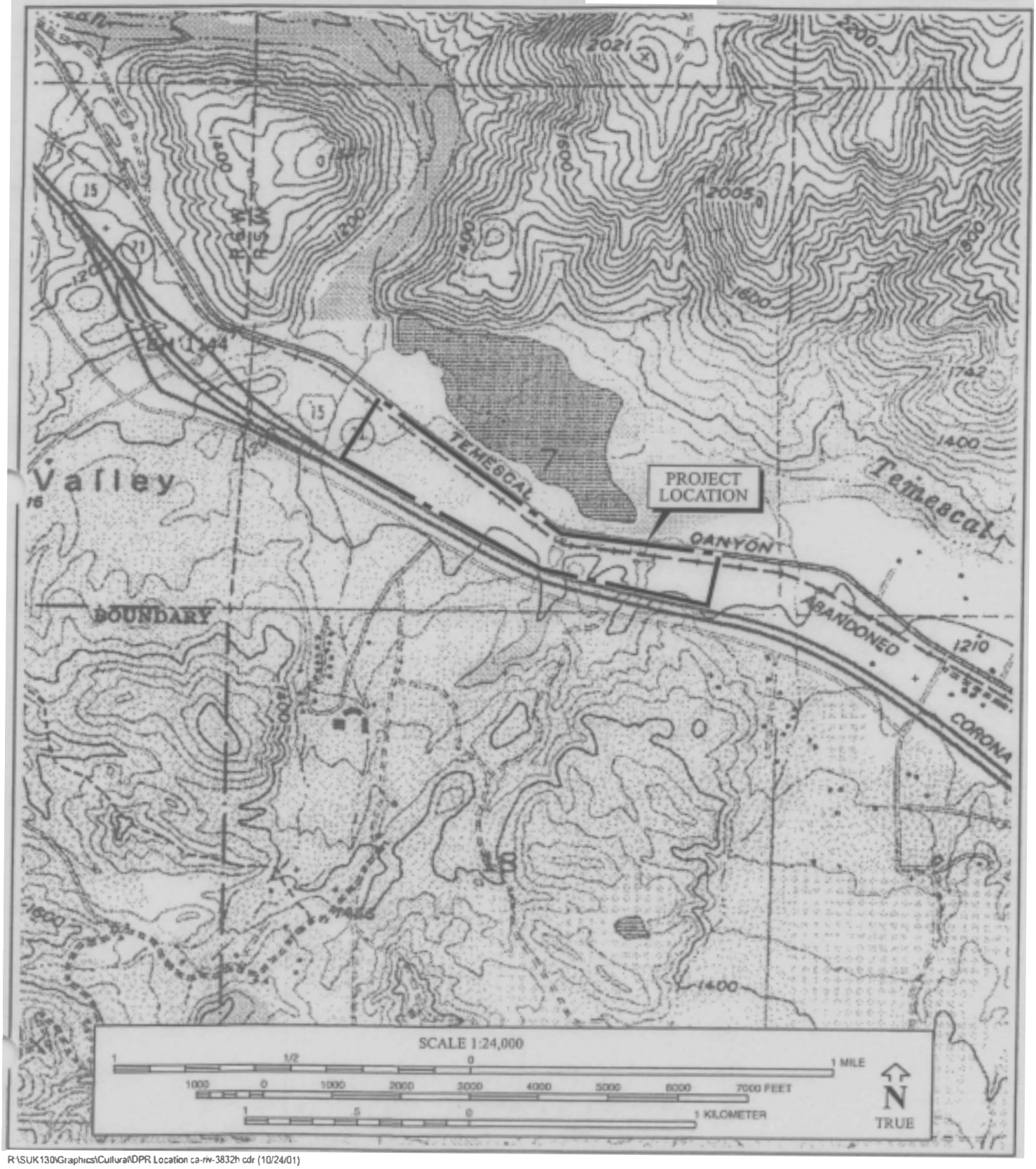
DPR 523A (1/95) ***Required Information**

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary # _____
HRI # _____
Trinomial CA-RIV-3832H

*Resource Name or # (Assigned by recorder) CA-RIV-3832H Temescal Valley South Railroad

*Map Name: USGS 7.5' Quads; Alberhill/Lake Mathews *Scale: 1:24,000 *Date of Map: 1954 PR 1988/1967 PR 1988



R:\SUK130\Graphics\Cultural\DPR Location ca-riv-3832h.cdr (10/24/01)

*Required Information

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
ARCHAEOLOGICAL SITE RECORD

Primary #_____
Trinomial CA-RIV-3832H

 *Resource Name or #: (Assigned by recorder)_____

*A1. **Dimensions: a. Length** .7miles **(E-W) x b. Width** 30' **(N-S)**
Method of Measurement: ☐ Paced ☐ Taped ___ ☒ Visual estimate ☐ Other: _____
Method of Determination (Check any that apply): ☐ Artifacts ☒ Features ☐ Soil ☐ Vegetation ☐ Topography
☐ Cut bank ☐ Animal burrow ☐ Excavation ☐ Property boundary ☐ Other (Explain): _____

Reliability of determination: ☒ High ☐ Medium ☐ Low Explain:_____

Limitations (Check any that apply) ☐ Restricted access ☐ Paved/built over ☐ Site limits incompletely defined
☐ Disturbances ☐ Vegetation ☐ Other: (Explain): _____

A2. **Depth:**_____ ☐ None ☒ Unknown Method of Determination:_____

*A3. **Human Remains:** ☐ Present ☒ Absent ☐ Possible ☐ Unknown (Explain):

*A4. **Features** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map):
This segment of the old Corona to Elsinore Santa Fe line within the project area measures approximately 7/10 of a mile and contains few features and artifacts.

*A5. **Cultural Constituents:** (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features):
A few railroad spikes and track fittings.

*A6. **Were Specimens Collected?** ☒ No ☐ Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)

*A7. **Site Condition:** ☐ Good ☐ Fair ☒ Poor (Describe disturbances):

*A8. **Nearest Water:** (Type, distance, and direction) Artificial lake approximately 250' north

*A9. **Elevation:** 1160' AMSL

A10. **Environmental Setting:** (Describe culturally relevant variables such as vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc.):

A11. **Historical Information:**
This section of the railroad line was added by Santa Fe to Temescal Canyon in 1927 to link Temecula and Riverside. Service was discontinued and the tracks were removed in the mid-1930s.

*A12. **Age:** ☐ Prehistoric ☐ Protohistoric ☐ 1542-1769 ☐ 1769-1848 ☐ 1848-1880 ☐ 1880-1914 ☒ 1914-1945
☐ Post 1945 ☐ Undetermined Describe position in regional prehistoric chronology or factual historic dates if known:

A13. **Interpretations** (Discuss data potential, function(s), ethnic affiliation, and other interpretations)

A14. **Remarks:**

A15. **References** (Documents, informants, maps, and other references):
Love, Bruce and Bai Tom Tang (1996) Identification and Evaluation of Historic Properties: Temescal Valley Interceptor Project, Elsinore Valley Municiple Water District, Riverside County, California. Unpublished report on file at UCR, Eastern Information Center, Riverside , CA 92501

A16. **Photographs** (List subjects, direction of view, and accession numbers or attach a Photograph Record):
Temescal Canyon project, Disc 2 Fr. 3
Original Media/Negatives Kept at: LSA Associates, 1650 Spruce Street, 5th Floor, Riverside, CA 92507

*A17. **Form Prepared By:** Riordan Goodwin **Date:** 10/3/01
Affiliation and Address: LSA Associates, 1650 Spruce Street, 5th Floor, Riverside, CA 92507

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary #_____
HRI #_____
Trinomial CA-RIV-3832H

Page 4 of 4 *Resource Name or #: (Assigned by recorder)_____

L1. Historic and/or Common Name: Old Santa Fe railroad grade through Temescal Valley

L2a. Portion Described: ☐ Entire Resource ☒ Segment ☐ Point Observation **Designation:** _____

b. Location of point or segment: (Provide UTM coordinates, legal description, and any other useful locational data. Show the area that has been field inspected on a Location Map)

East end: 459780 mE / 3733560 mN, West end: 458750 mE / 3734100 mN

L3. Description: (Describe construction details, materials, and artifacts found at this segment/point. Provide plans/sections as appropriate.)
Portion of segment of railroad bed between Horsethief Canyon Road and Indian Truck Trail Road just north of Interstate 15.

L4. Dimensions: (In feet for historic features and meters for prehistoric features)
- **a. Top Width** 30'
- **b. Bottom Width** N/A
- **c. Height or Depth** N/A
- **d. Length of Segment** ~7/10 of a mile

L4e. Sketch of Cross Section (include scale) **Facing:**_____

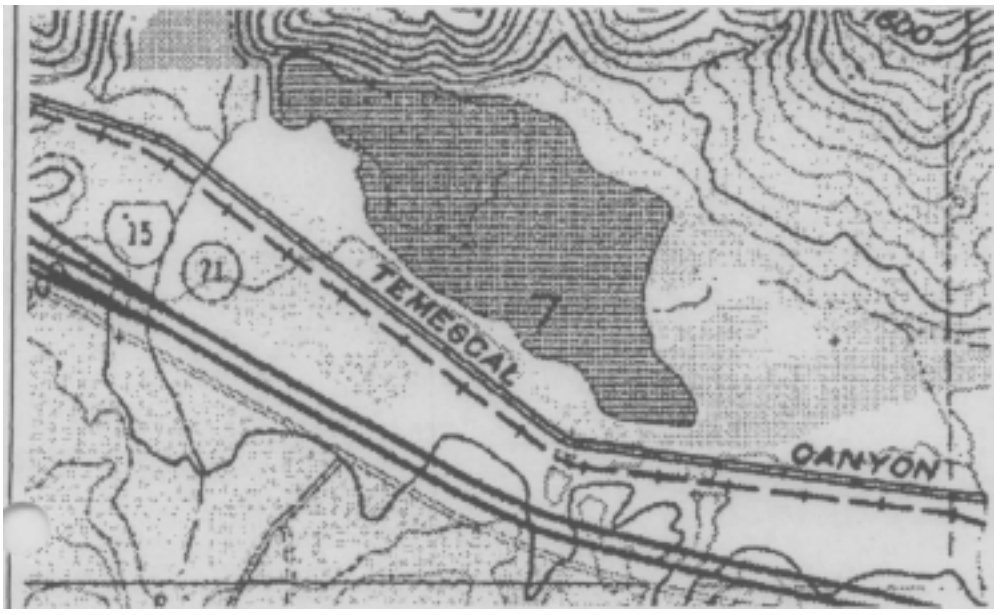


L5. Associated Resources:

L6. Setting: (Describe natural features, landscape characteristics, slope, etc., as appropriate.)
Former course of Corona to Lake Elsinore Santa Fe railroad line is very slight grade from east to west.

L7. Integrity Considerations: Integrity is poor; the roadbed has been severely disturbed by earth moving activities and erosion.

L8a. Photograph, Map or Drawing



L8b. Description of Photo, Map, or Drawing (view, scale, etc.)
Scale 1:12,000

L9. Remarks:

L10. Form Prepared by:
Riordan Goodwin
1650 Spruce Street
5th Floor
Riverside, CA 92507

L11. Date: 10/7/01

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial CA-RIV-3832H (update)
NRHP Status Code 6Y
Other Listings_____
Review Code Reviewer Date

Page 1 of 11 *Resource Name or #: (Assigned by recorder)_____

P1. Other Identifier: The old Santa Fe Railroad grade through the Temescal Valley

*P2. Location: √ Not for Publication ___ Unrestricted *a. County Riverside

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Corona N., Corona S., Lake Mathews, Alberhill, Lake Elsinore

Date 1988 (photorevision); T 3S R 6W, T 4S R 6W, T 5S R 6W, T 5S R 5W, T 5S R 4W, T 6S R 4W;

____1/4 of ____1/4 of Sec (various); San Bernardino B.M.

c. Address_____ City_____ Zip_____

d. UTM: (Give more than one for large and/or linear resources) Zone 11;

450100 mE/ 3748500 mN
452720 mE/ 3745720 mN
452940 mE/ 3742940 mN
456170 mE/ 3737920 mN
456380 mE/ 3735860 mN
463520 mE/ 3731780 mN
465520 mE/ 3729130 mN
466570 mE/ 3729480 mN
467250 mE/ 3728900 mN

e. Other Locational Data (e.g., parcel #, directions to resource, elevation, etc., as appropriate):

*P3a. Description (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): This site consists of the remains of the Atchison, Topeka and Santa Fe Railroad line between Corona and Lake Elsinore. The tracks, ties, signal system, and all other features of railroad operations have been removed, and at various places recent earth-moving activities have disturbed into the railroad bed itself. At several spots, for example, the railroad bed has been destroyed during road constructions. However, the old railroad grade as a whole still remains identifiable. The entire course of the abandoned railroad is depicted in the USGS quad sheets cited above.

*P3b. Resource Attributes: (List attributes and codes) AH7--Railroad Grade

*P4. Resources Present: ___Building ___Structure ___Object √ Site ___District ___Element of District ___Other (isolates, etc.)

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.

P5b. Description of Photo: (view, date, accession #)

*P6. Date Constructed/Age and Sources: √ Historic ___Prehistoric ___Both _____

*P7. Owner and Address: Various

*P8. Recorded by (Name, affiliation, and address): CRM TECH, 126 Barret Road, Riverside, CA 92507

*P9. Date Recorded: February 28, 1996

*P10. Survey Type: (Describe) Reconnaissance

*P11. Report Citation (Cite survey report and other sources, or enter "none."): Bruce Love and Bai Tom Tang: Identification and Evaluation of Historic Properties: Temescal Valley Intertie Project, Elsinore Valley Municipal Water District, Riverside County, California. 1995. On file, Eastern Information Center, University of California, Riverside

*Attachments: ___NONE √ Location Map ___Continuation Sheet ___Building, Structure, and Object Record √ Archaeological Record ___District Record ___Linear Resource Record ___Milling Station Record ___Rock Art Record ___Artifact Record ___Photograph Record ___Other (List):

DPR 523A (1/95) *Required information

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State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
ARCHAEOLOGICAL SITE RECORD

Primary #_____
Trinomial CA-RIV-3832H (update)

*Resource Name or # (Assigned by recorder)_____

A1. Dimensions: a. Length 22 (miles) b. Width 30 (ft)
Method of Measurement: ____Paced ____Taped √ Visual estimate √ Other: Map measurement
Method of Determination (Check any that apply.): ____Artifacts √ Features ____Soil ____Vegetation ____Topography ____Cut bank ____Animal burrow ____Excavation ____Property boundary ____Other (Explain): ____
Reliability of Determination: √ High ____Low ____Explain: _____
Limitations (Check any that apply): ____Restricted access ____Paved/built over ____Site limits incompletely defined ____Disturbances ____Vegetation ____Other (Explain): _____

A2. Depth: _____ ____None √ Unknown Method of Determination: _____

***A3. Human Remains:** ___Present √ Absent ___Possible ___Unknown (Explain): _____

***A4. Features:** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map.) This 22-mile-long site contains numerous historic features associated with railroad construction, most of which have not been surveyed and/or recorded.

***A5. Cultural Constituents:** (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features.) Numerous kinds, e.g., railroad bed gravel, pieces of old ties, etc.

***A6. Were Specimens Collected?** √ No ____Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)

***A7. Site Condition:** ____Good √ Fair ____Poor (Describe disturbances.): Construction activities; public road works; vandalism; other earth-moving activities along the route; erosion

***A8. Nearest Water** (Type, distance, and direction.): Temescal Wash along the route at various distances

***A9. Elevation:** Ca. 650-1,400 ft at various points

A10. Environmental Setting: (Describe vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc.): The railroad follows the Temescal Valley which is a fault-produced valley with multiple sag ponds, springs, and wetlands. The native vegetation is chaparral and some riparian, disturbed in many places by modern constructions of residential and transportation features. Climate is Mediterranean with hot dry summers and cool wet winters. Soils are sandy loams, clays, and decomposed granites.

A11. Historical Information: The southern end of the railroad line, between Lake Elsinore and Alberhill, was built in 1896 by the California Southern Railroad, a Santa Fe subsidiary, initially as a spur line to serve the coal and clay enterprises around Alberhill (Gunther 1984:541; USGS 1901). In 1927, when the Santa Fe Railroad removed its tracks through the troublesome Railroad Canyon, where the Temescal Water Company was preparing to build a dam, this spur line was extended through the Temescal Valley to reconstruct the Santa Fe's connection between Temecula and Riverside (Hudson 1978:68-69; Brown 1985:90). The Temescal Valley route served in this capacity for only a few years, however. In 1935, the Santa Fe Railroad permanently discontinued its service between Elsinore and Temecula and removed its tracks there (Hudson 1978:85). Nevertheless, the railroad between Corona and Lake Elsinore remained in the Santa Fe system until the mid or late 1970s, when it, too, was abandoned (USGS 1953; 1954; 1973; 1982).

***A12. Age:** ___Prehistoric ___Protohistoric ___1542-1769 ___1769-1848 ___1848-1880 √ 1880-1914 ___1914-1945 ___Post 1945 ___Undetermined **Describe position in regional prehistoric chronology or factual historic dates if knows:** See Item A11, above, for detailed discussion of factual historic dates.

A13. Interpretations: (Discuss data potential, function[s], ethnic affiliation, and other interpretations.) The site has been determined not to be eligible for listing in the National Register of Historic Places due to the loss of historical integrity through removal of tracks, ties, signal system, and other features of railroad operations (Love and Tang 1995).

A14. Remarks: A portion of the site between Alberhill and Lake Elsinore received intensive survey during the Temescal Valley Intertie Pipeline Project in 1995 (Love and Tang 1995).

A15. References: (Documents, informants, maps, and other references.): Brown, James T. (1985): *Harvest of the Sun: An Illustrated History of Riverside County*; Windsor Publications, Northridge. Gunther, Jane Davies (1984): *Riverside County, California, Place Names: Their Origins and Their Stories*; Rubidoux Printing Company, Riverside. Hudson, Tom (1978): *Lake Elsinore Valley: Its Story, 1776-1977*; Lake Elsinore Downtown Business Association and City of Lake Elsinore Centennial, Lake Elsinore. Love, Bruce, and Bai Tom Tang (1995): Identification and Evaluation of Historic Properties: Temescal Valley Intertie Project, Elsinore Valley Municipal Water District, Riverside County, California; on file, Eastern Information Center, University of California, Riverside. USGS (United States Geological Survey), 1901: Map: Elsinore, California (30', 1:125,000); 1953: Map: Lake Elsinore, California (7.5', 1:24,000); 1954: Map: Alberhill, California (7.5', 1:24,000); 1973: Map: Alberhill, California (7.5', 1:24,000); 1982: Map: Alberhill, California (7.5', 1:24,000); on file, Map Collection, Tomás Rivera Library, University of California, Riverside.

A16. Photographs: (List subjects, direction of view, and accession numbers or attach a Photograph Record.):_____
Original Media/Negatives Kept at: CRM TECH, 126 Barret Road, Riverside, CA 92507

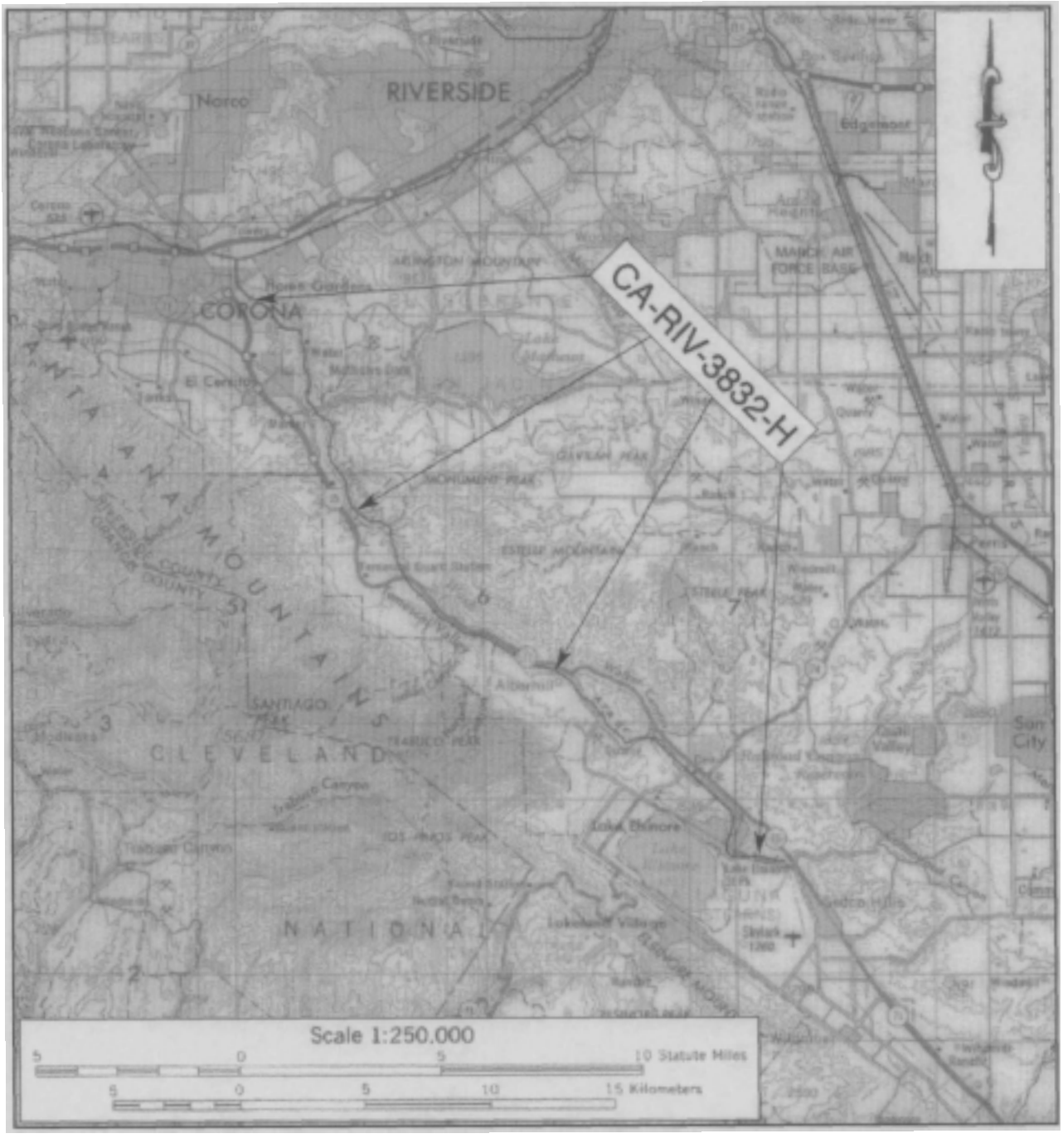
*A17. **Form Prepared by:** Bruce Love and Bai Tom Tang **Date:** February 28, 1996
Affiliation and Address: CRM TECH, 126 Barret Road, Riverside, CA 92507

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #_____
HRI #_____
Trinomial CA-RIV-3832H (update)

*Resource Name or # (Assigned by recorder)_____

*Map Name: Santa Ana *Scale: 1:250,000 *Date of Map: 1959 (revised in 1979)



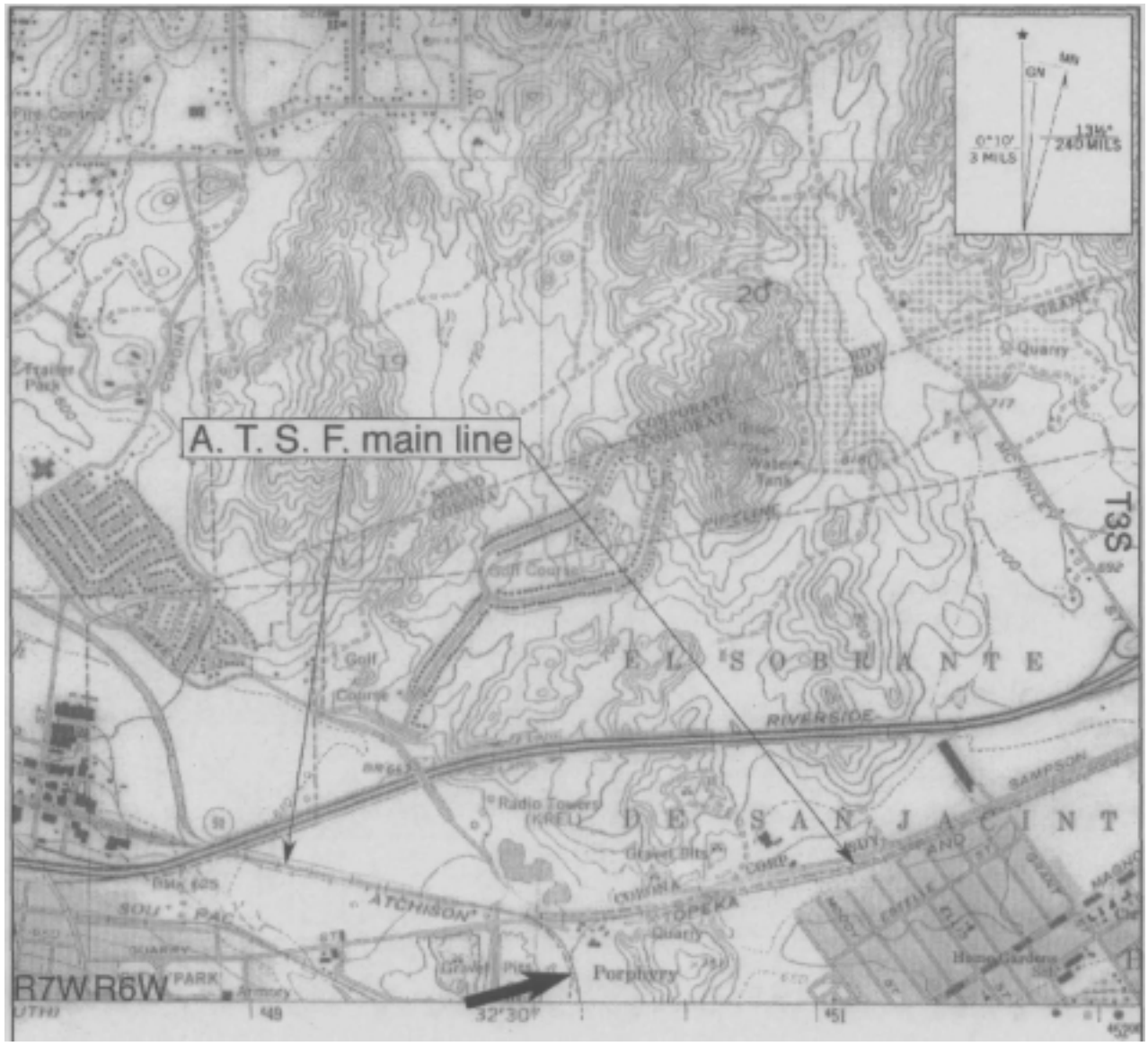
*Required information

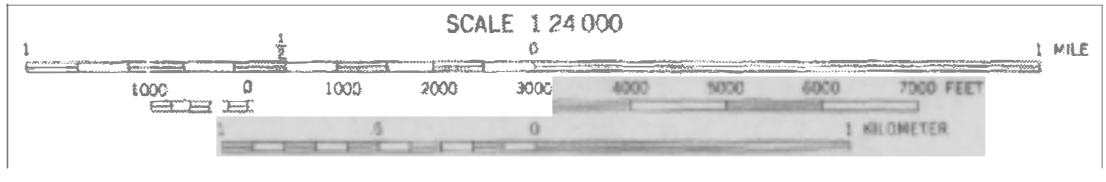
State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #_____
HRI #_____
Trinomial CA-RIV-3832H (update)

*Resource Name or # (Assigned by recorder)_____

*Map Name: Corona North *Scale: 1:24,000 *Date of Map: 1967 (photorevised in 1988)





Heavy arrow(s) indicates identifiable sections of the site

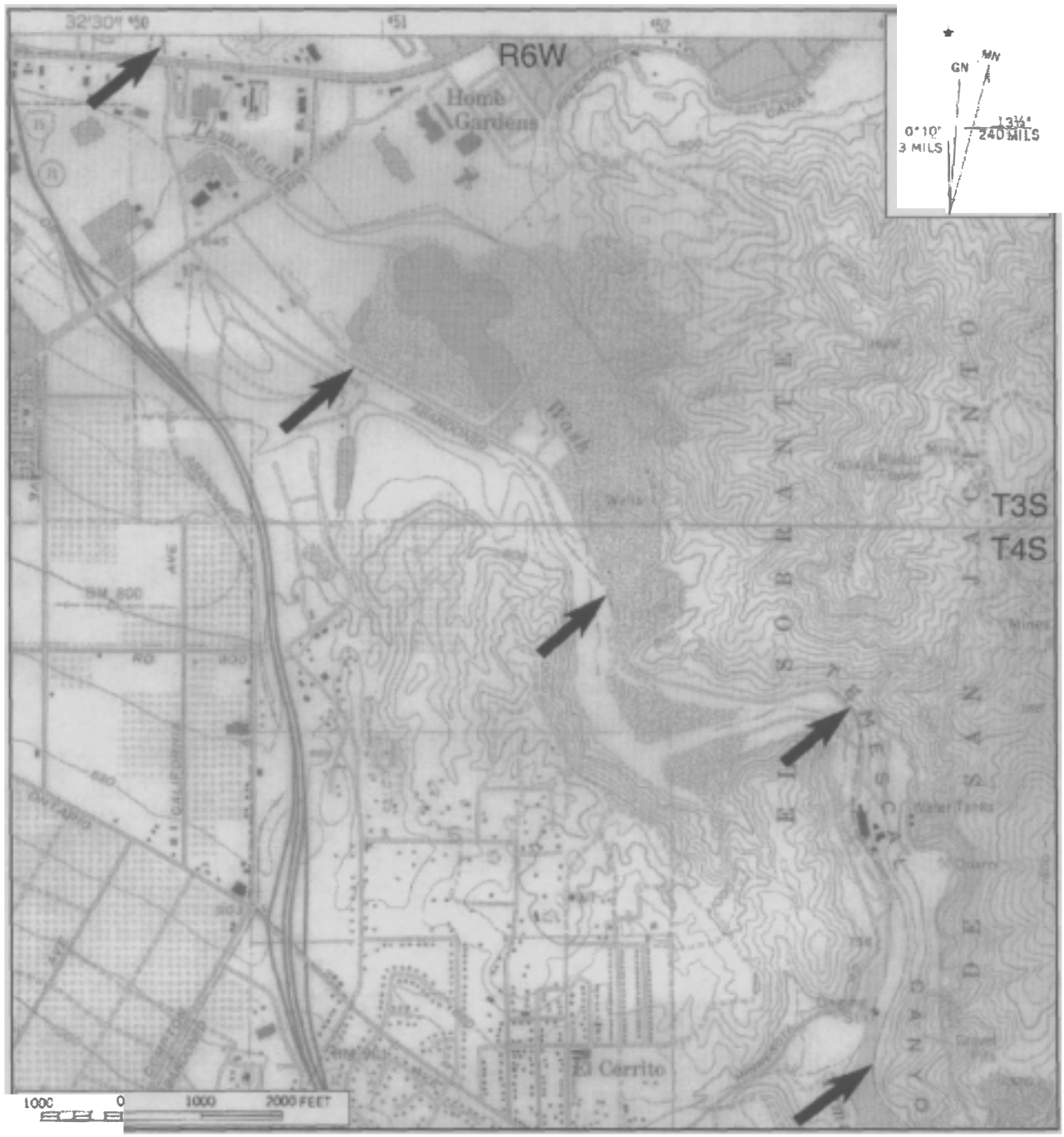
*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #_____
HRI #_____
Trinomial CA-RIV-3832H (update)

*Resource Name or # (Assigned by recorder)_____

*Map Name: Corona South *Scale: 1:24,000 *Date of Map: 1967 (photorevised in 1988)



Heavy arrow(s) indicates identifiable sections of the site

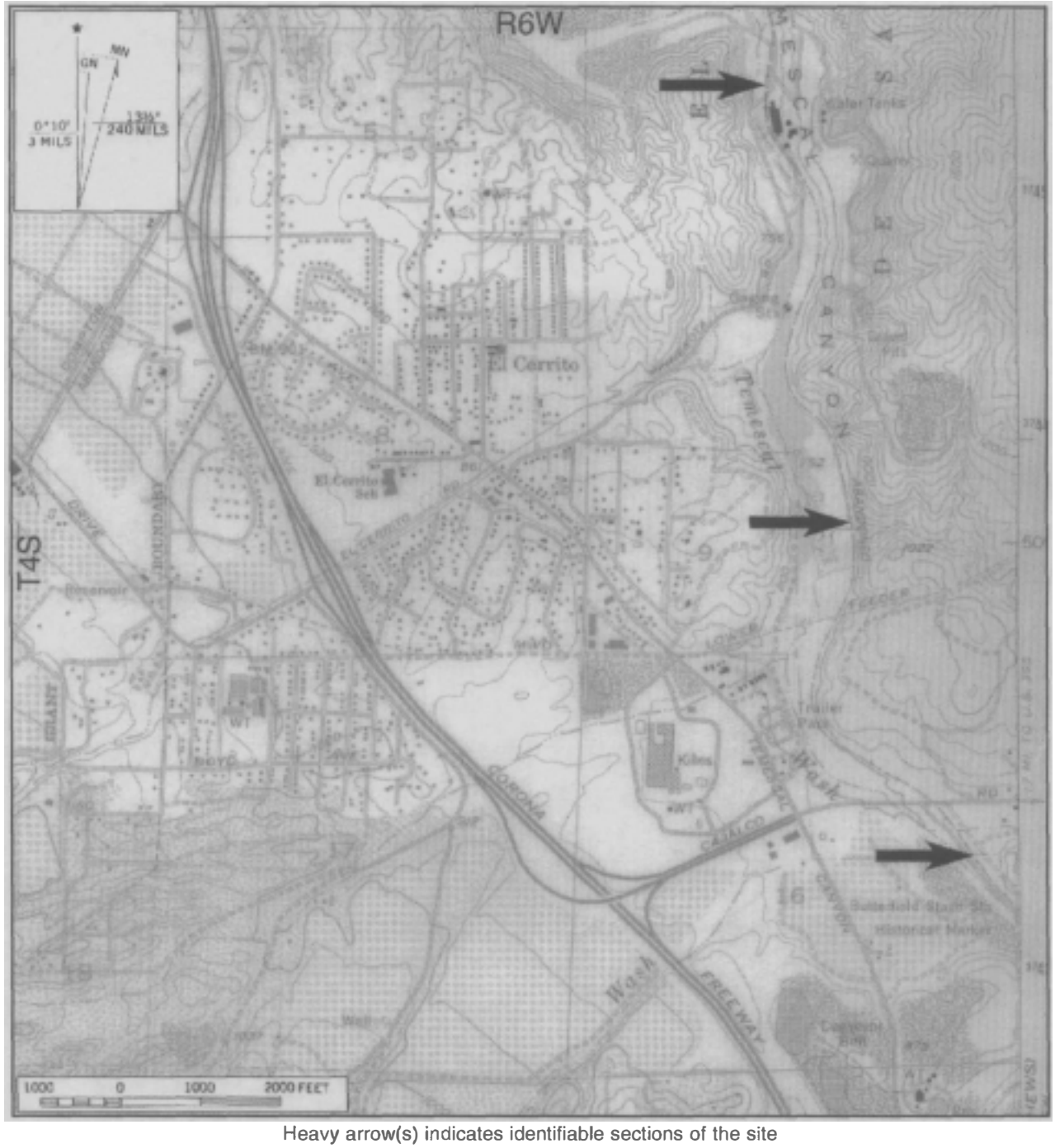
*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #_____
HRI #_____
Trinomial CA-RIV-3832H (update)

*Resource Name or # (Assigned by recorder)_____

*Map Name: Corona South *Scale: 1:24,000 *Date of Map: 1967 (photorevised in 1988)



Heavy arrow(s) indicates identifiable sections of the site

*Required information

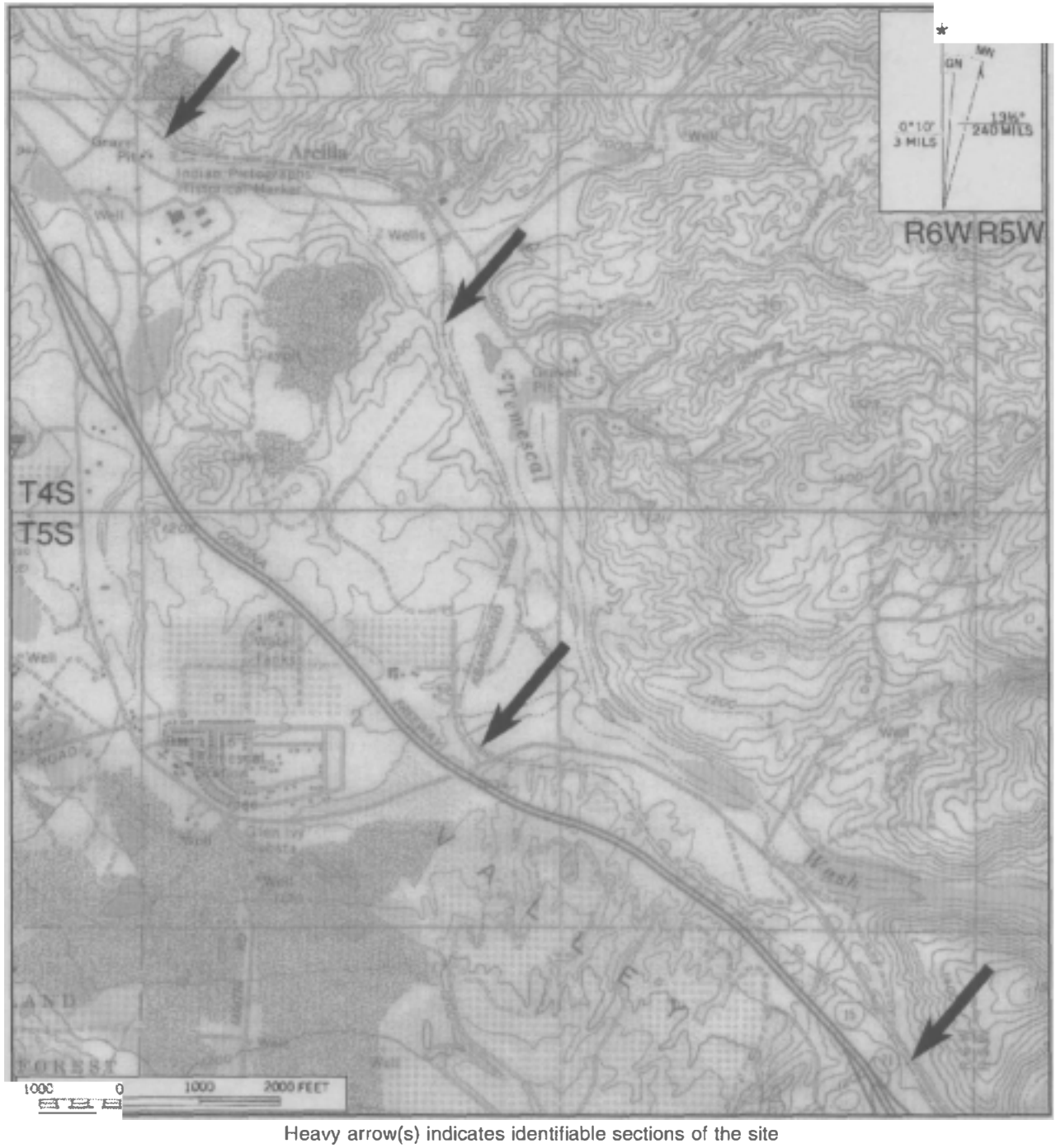
State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #_____
HRI #_____
Trinomial CA-RIV-3832H (update)

*Resource Name or # (Assigned by recorder)_____

*Map Name: Lake Mathews *Scale: 1:24,000 *Date of Map: 1967 (photorevised in 1988)



Heavy arrow(s) indicates identifiable sections of the site

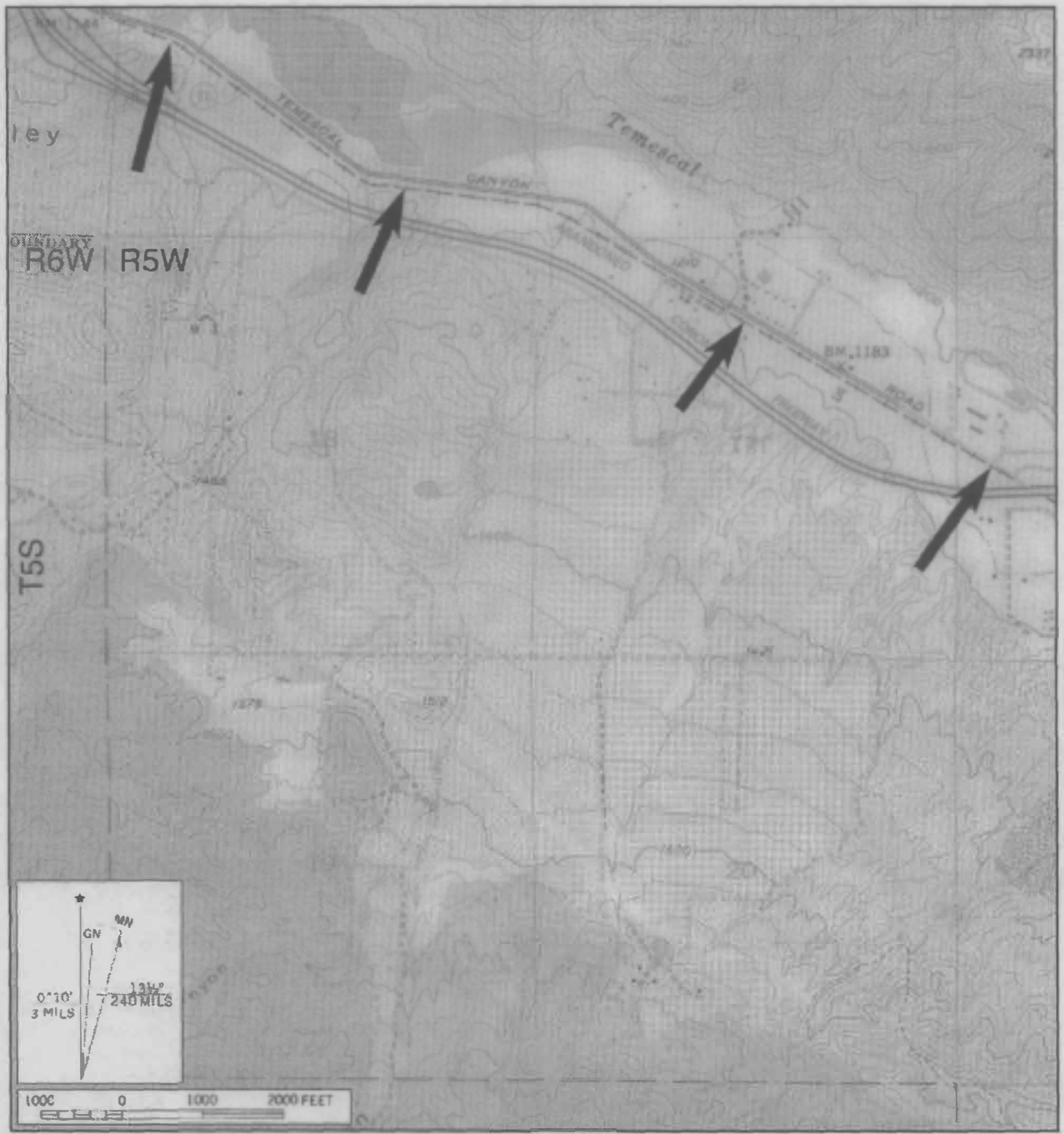
*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #_____
HRI #_____
Trinomial CA-RIV-3832H (update)

*Resource Name or # (Assigned by recorder)_____

*Map Name: Alberhill *Scale: 1:24,000 *Date of Map: 1967 (photorevised in 1988)



Heavy arrow(s) indicates identifiable sections of the site

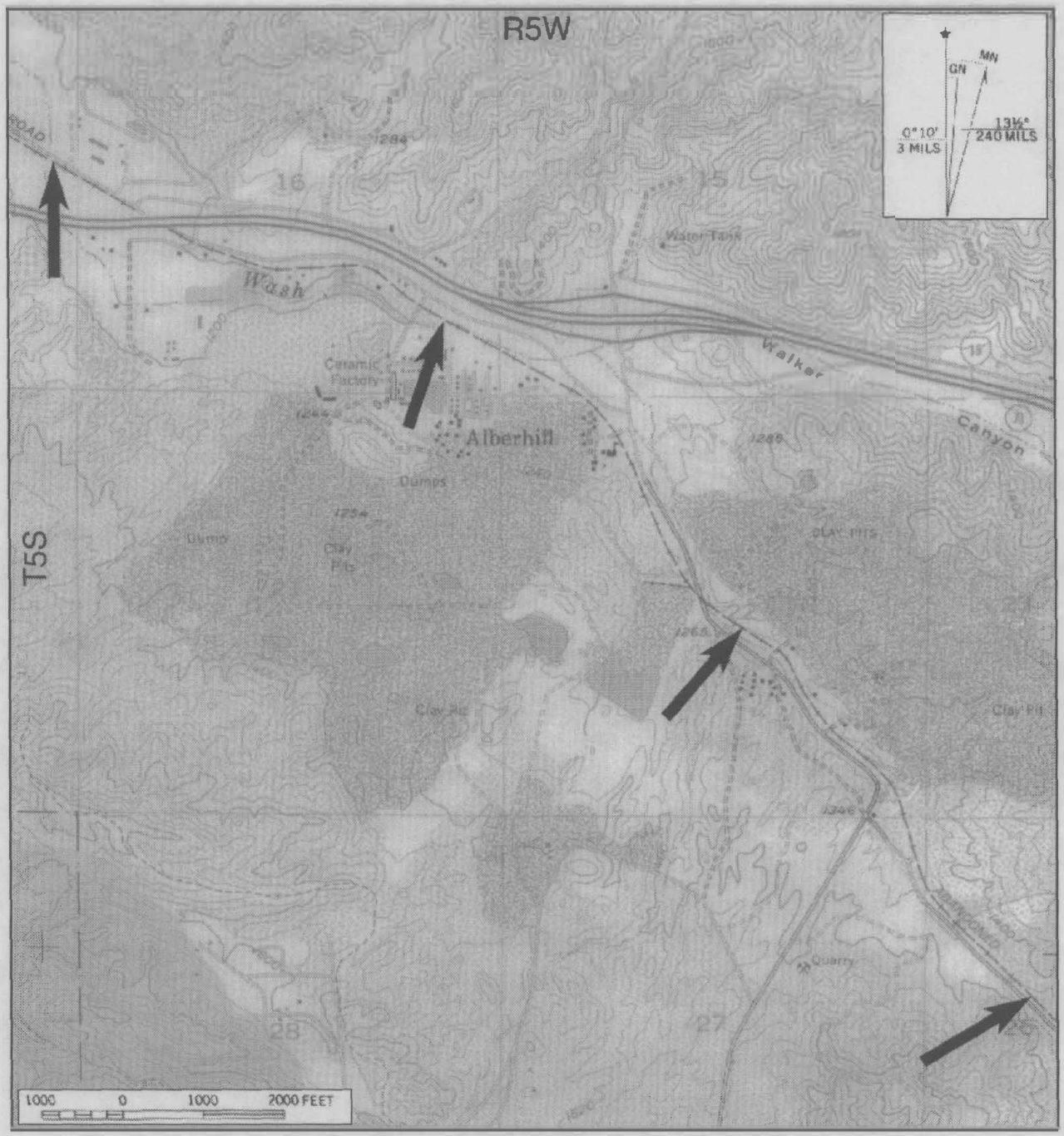
*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #_____
HRI #_____
Trinomial CA-RIV-3832H (update)

*Resource Name or # (Assigned by recorder)_____

*Map Name: Alberhill *Scale: 1:24,000 *Date of Map: 1967 (photorevised in 1988)



Heavy arrow(s) indicates identifiable sections of the site

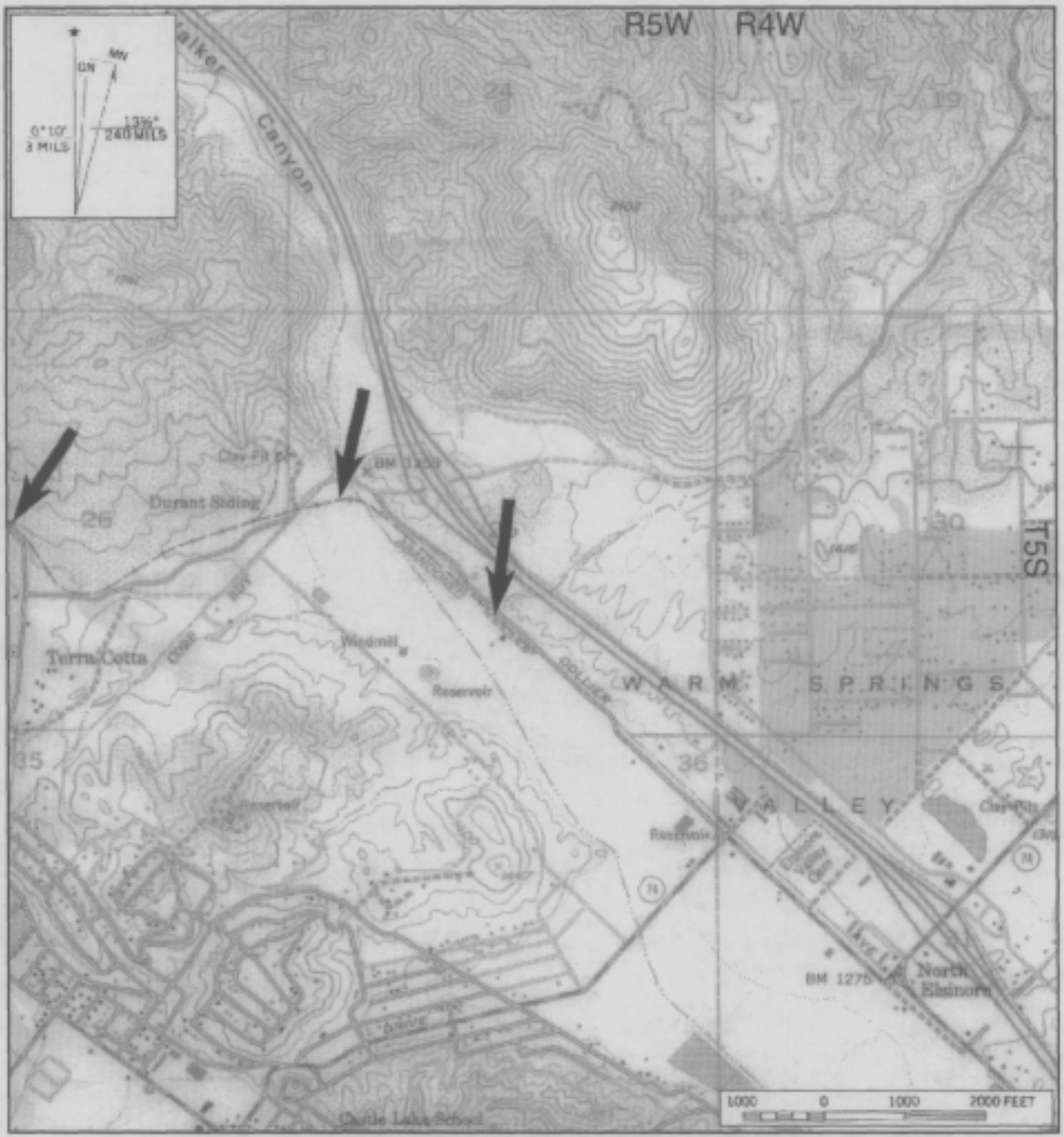
*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #_____
HRI #_____
Trinomial CA-RIV-3832H (update)

*Resource Name or # (Assigned by recorder)_____

*Map Name: Lake Elsinore *Scale: 1:24,000 *Date of Map: 1953 (photorevised in 1988)



Heavy arrow(s) indicates identifiable sections of the site

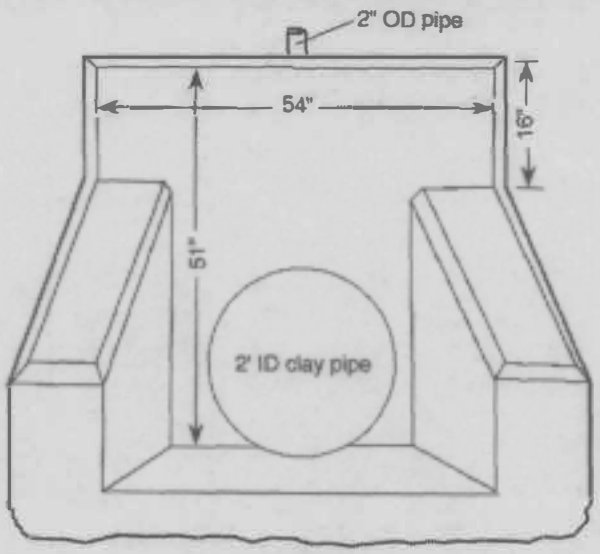
*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

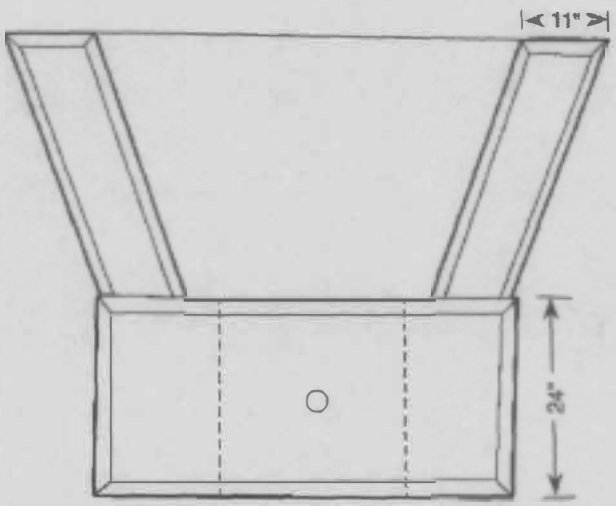
Primary #
HRI#
Trinomial CA-RIV-3832-H

Page 1 of 2 Resource name or # (Assigned by recorder) 202-4

Recorded by Bruce Love *Date 10-25-95 Continuation X Update



elevation



top view

0 12 inches

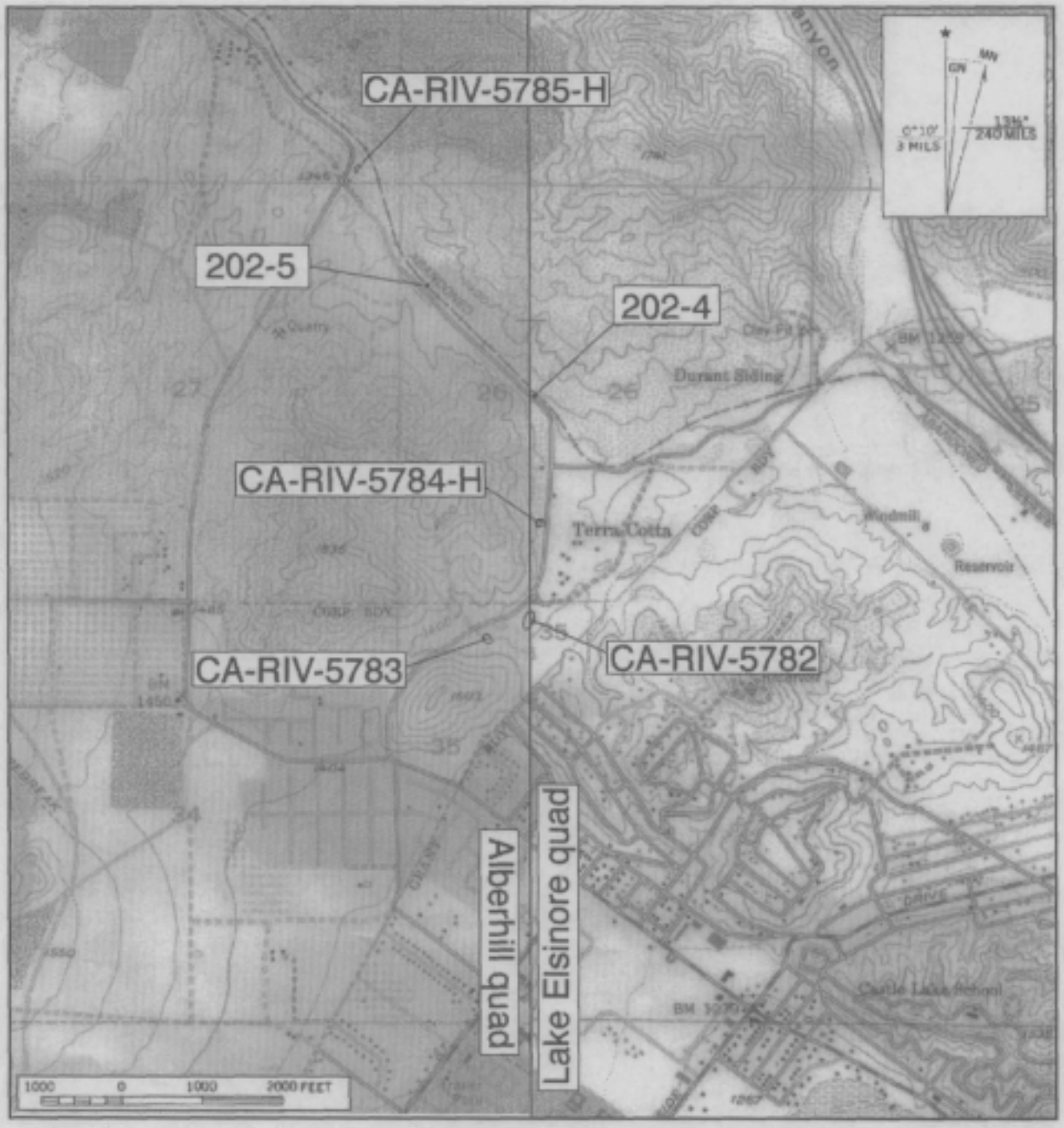
Clay pipe culvert runs under railroad bed with cement box structure (drawing) on both ends. Total length of culvert under railroad bed is 26 ft.

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State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #
HRI #
Trinomial CA-RIV-3832-H

Page 2 of 2 *Resource Name or # (Assigned by recorder) 202-4
*Map Name: Alberhill, Lake Elsinore *Scale: 1:24,000 *Date of Map: 1954, 1953 both photorevised 1988



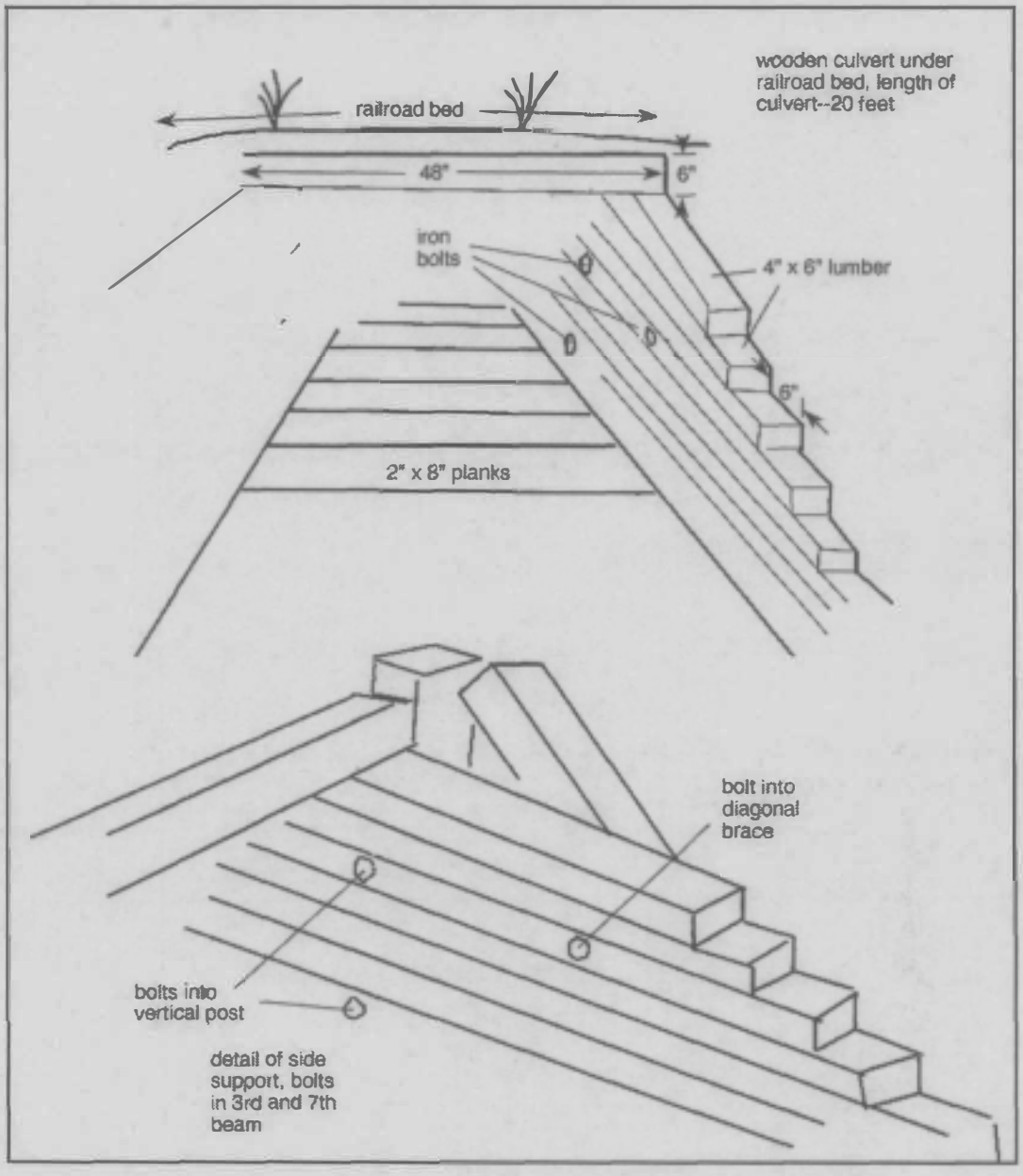
DPR 523J (1/95)

*Required information

State of California--The Resources Agency	Primary #
DEPARTMENT OF PARKS AND RECREATION	HRI#
CONTINUATION SHEET	Trinomial CA-RIV-3832-H

Page 1 of 2 Resource name or # (Assigned by recorder) 202-5

Recorded by Bruce Love *Date 10-25-95 Continuation X Update



DPR 523L (1/95) *Required information

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NOV 30 1995
EIC

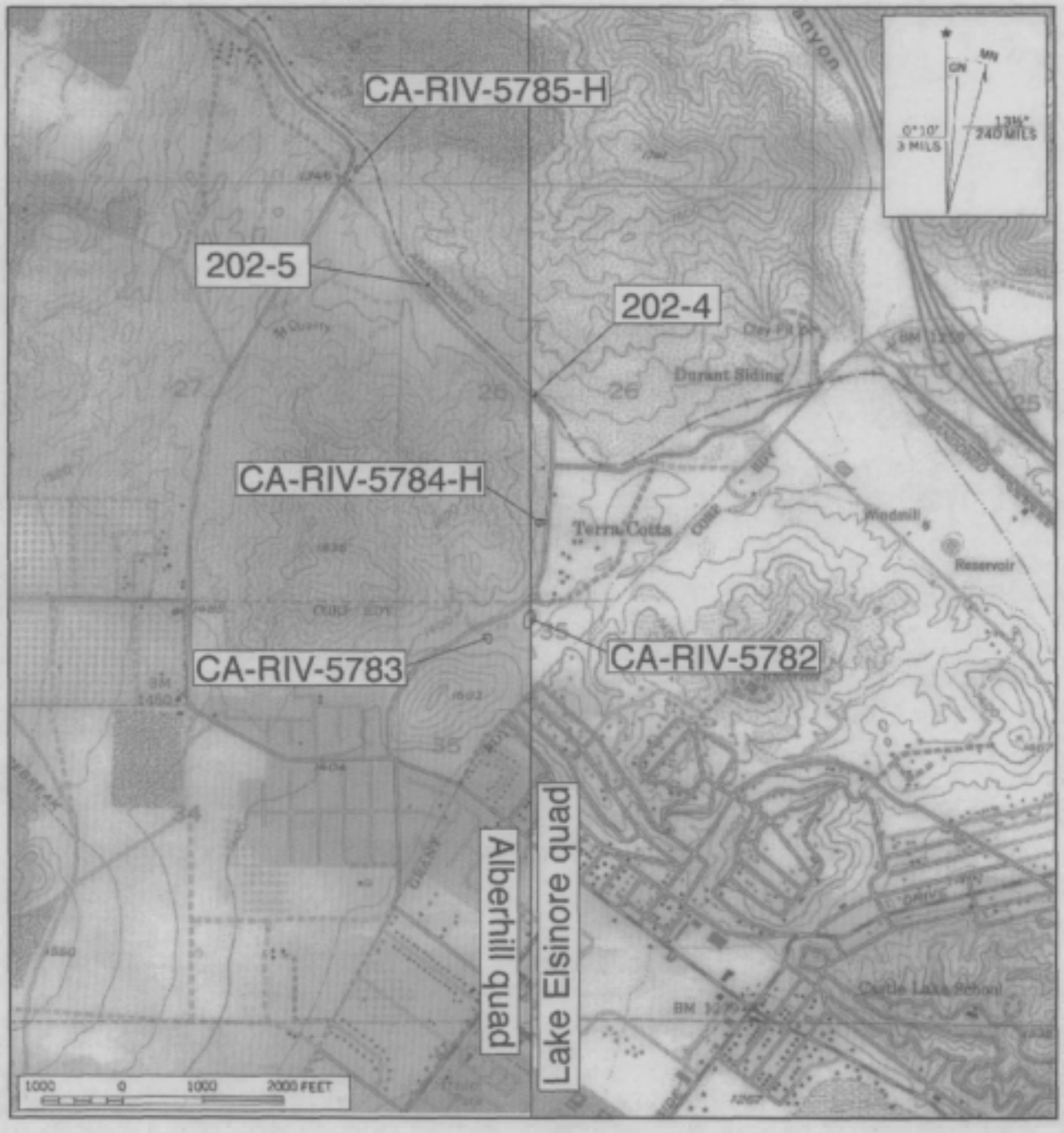
State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #
HRI #
Trinomial CA-RIV-3832-H

Page 2 of 2 *Resource Name or # (Assigned by recorder) 202-5

*Map Name: Alberhill, Lake Elsinore *Scale: 1:24,000 *Date of Map: 1954, 1953 both photorevised 1988



DPR 523J (1/95)

*Required information

HISTORIC SITE RECORD FORM
Archaeological Research Unit
University of California
Riverside, CA 92521

PERMANENT TRINOMIAL: CA-Riv-3832-H
SITE NAME: Santa Fe Railway
Temporary Designation:

Page 1 of 5

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1. **County:** Riverside
2. **USGS Quadrangle:** Lake Mathews dated 1967, photorevised 1988
3. **UTM Coordinates:** Zone 11: 457050 mE 3735620 mN
   (UTMs applies only to newly recorded feature)
4. Twp. 5 S Rng. 6 W; SBBM, N 1/2; SE 1/4; NW 1/4; SW 1/4 of Section 1
   (locational information applies only to newly recorded feature)

5. **Map Coordinates:** 522 mmS 138 mmE 6. **Elevation:** 1040 ft. (317 m.)
7. **Location:** Railroad construction road sweeps up hillside from just south of Temescal Canyon Road southwest to subroad bed. Above subroad bed is a dead grove of trees on a flat-topped hill.

8. **Temporal Period:** Constructed 1927, dismantled during mid 1980s.
9. **Site Activity:** Town ___ Camp ___ Homestead ___ Road _X_ Trail ___ Mines ___ Railroad _X_ Grave Yard ___ Trash Dump ___ Military ___ Other ___ Explain: The Santa Fe Railway built this branch line through Temescal Valley from Corona to Alberhill, connecting with the line at Elsinore.

10. **Area:** ca. 100 m NE/SW x 3 m NW/SE (328 x 10 ft.)
    Method of Determination: estimation
11. **Depth:** none; **Method of Determination:** estimation
12. **Features:** Structure ____ Dugout ____ Fire Hearth ____ Cairn ____ Rock Alignment ___ Trash Dump ___ Irrigation ___ Trail ___ Road _X_ Corral __ Burial ___ Well ___ Spring ___ R&R Grade (berm) _X_ Tram (road/way) ___ Tailings ____ Other ___ Explain: Newly recorded feature of the site is a truck/wagon road used in railroad construction.

13. **Artifacts:** Wood (size/type) ___ Glass _X_ Metal _X_ Bone ___ Ceramic (color) ___ Adobe (condition) ___ Nails (size/type) ___ Cans (size/type) __ Ordnance ___ Other ___ Explain: Aqua glass insulator on flat-topped hill just above railroad subroad bed. Insulator has a beaded edge, interior threads, and is embossed "HEMINGRAY-42/MADE IN U.S.A./7", railroad spike.

14. **Disturbance:** Animal ___ Burning Vandalism ORV Other _X_ Explain: Erosion in wheel ruts.

15. **Date Recorded:** 11 December 1990 16. **Recorders:** K. Swope, D. Peirce
17. **Affiliation and Address:** Archaeological Research Unit, U C Riverside
18. **Present Condition:** Good ___ Fair _X_ Poor ___ Explain: Some erosion has altered the appearance of the road. The subroad bed of the railroad alignment has been cut or graded in places. Wooded trestles remain intact.
19. **Name and Type of Investigation:** Cultural Resources Assessment; UCRARU #1111

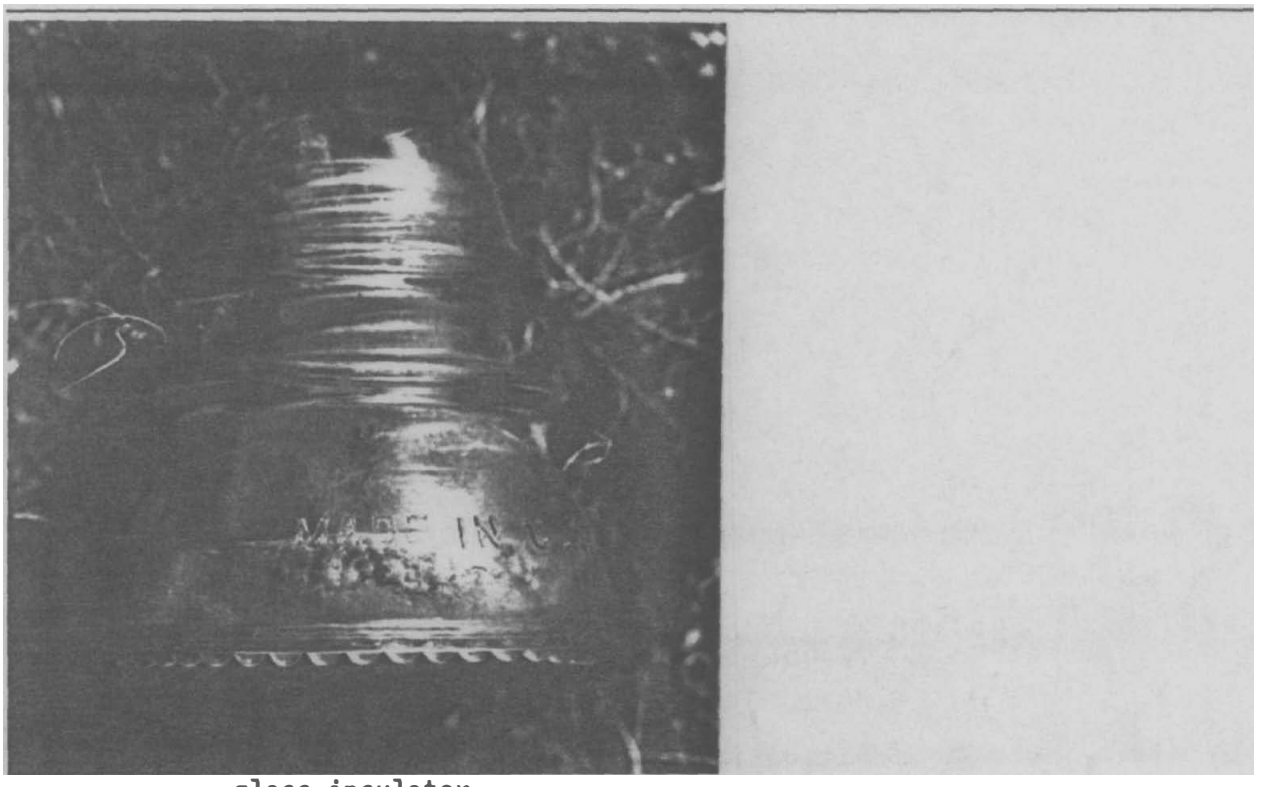
20. **Nearest Water:** Temescal Wash ca. 100 m. (328 ft.) north.
21. **Vegetation Community (site vicinity):** Coastal Sage Scrub

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JAN 25 1991
EIC

22. **Vegetation (on site):** California Buckwheat (Eriogonum fasciculatum), oak tree nearby, grasses.
23. **Soil:** decomposed granite
24. **Surrounding Soil:** decomposed granite
25. **Geology:** valley
26. **Landform:** slopes above wash
27. **Slope:** ca. 5%
28. **Exposure:** open
29. **Landowner and Address:** private
30. **Remarks:** The railroad alignment was fenced with railroad ties and barbed wire on both sides. The grove of trees is living on southwest side of I-15. In addition to this newly recorded feature of the site, a railroad spur was found from the main Santa Fe line to the Owens-Illinois Glass Plant, site (CA-Riv-4112-H). This spur is discussed in that site record.
32. **References:** none
33. **Site Accession Number:** n/a — **Curated at:** n/a
34. **Photos:** B/W, attached — **Taken by:** K. Swope
35. **Photo Accession #:** UCRARU #1111 — **On File at:** UCRARU

HISTORIC SITE PHOTOGRAPHS

Permanent Trinomial: CA-Riv-3832-H
Temporary Designation:
USGS Map: Lake Mathews 7.5'
Recorders: K. Swope, D. Peirce



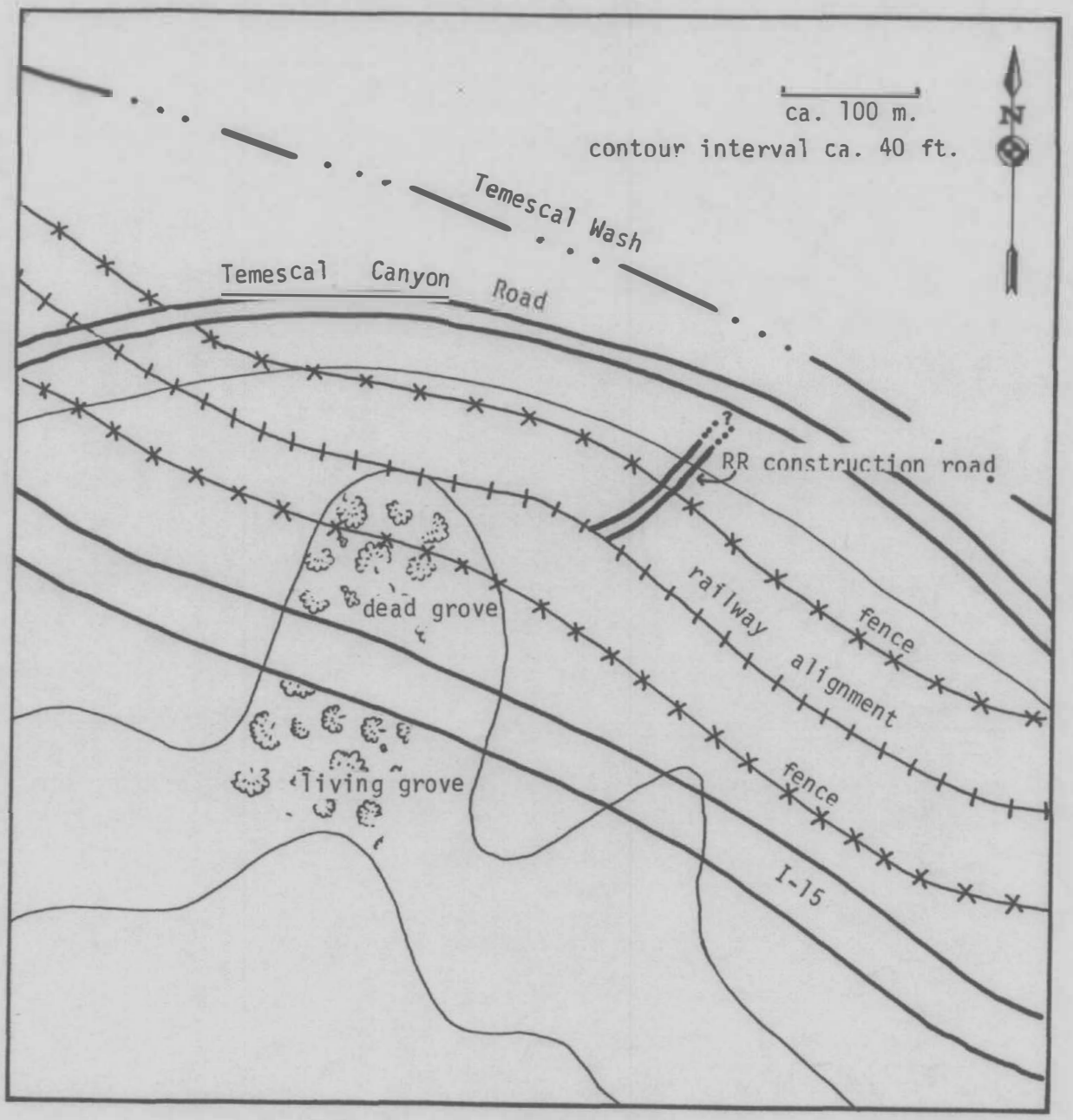
glass insulator



Truck/wagon road used in construction of Santa Fe Railway.
View west, toward I-15. Note dead grove in background.

HISTORIC SITE SKETCH MAP

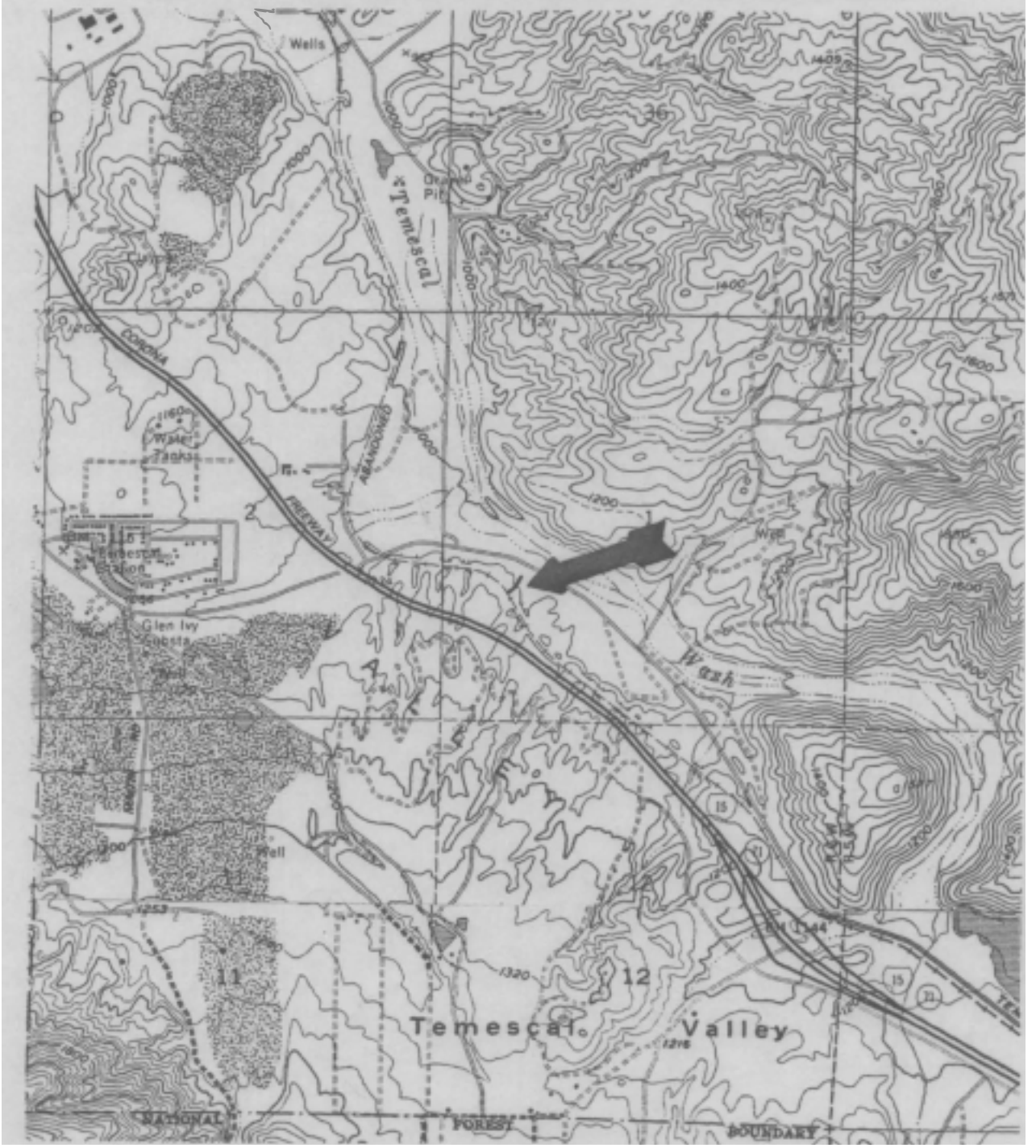
Permanent Trinomial: CA-Riv-3832-H
Temporary Designation:
USGS Map: Lake Mathews 7.5'
Recorders: K. Swope, D. Peirce



HISTORIC SITE LOCATION MAP

Permanent Trinomial: CA-Riv-3832-H
Temporary Designation:
USGS Map: Lake Mathews 7.5'
Recorders: K. Swope, D. Peirce

Adapted from Lake Mathews and Alberhill 7.5' USGS quadrangles.



HISTORIC SITE RECORD FORM
Archaeological Research Unit **PERMANENT TRINOMIAL:** CA-RIV-3832 - H
University of California **SITE NAME:** Atchison, Topeka, and Santa Fe RR
Riverside, CA 92521

1. **County:** Riverside
2. **USGS Quad.:** Lake Mathews, Calif. 7.5' (1973)
3. **UTM Coordinates: Zone 11: mE mN**
4. **Twp.** 4S, **Rng.** 6W: NW 1/4; SW 1/4; NW 1/4; NW 1/4; NE 1/4 of **Sec.** 27
5. **Map Coordinates: -- mmS -- mmE** 6. **Elevation:** 900'
7. **Location:** Temescal Valley, at the mouth of Olsen Canyon. See below.
8. **Temporal Period:** Construction: 1927; abondonment: 193?
9. **Site Activity:** Town ___ Camp ___ Homestead ___ Road ___ Trail Mines ___ Railroad _X_ Grave Yard ___ Trash Dump ___ Military __ Other Explain:
10. **Area:** 60' **x** 22 **miles; Method of Determination:** Topographic maps
11. **Depth:** Surface; **Method of Determination:**
12. **Features:** Structure Dugout ___ Fire Hearth ___ Cairn ___ Rock Alignment ___ Trash Dump ___ Irrigation ___ Trail ___ Road ___ Corral Burial ___ Well ___ Spring ___ R&R Grade (berm) _X_ Tram (road/way) __ Tailings ___ Other _X_ Explain: The remains (stumps) of a power pole line run parallel to the railroad grade. At this location there is a bridge (trestle) used for the railroad that is intact. This month it was blocked off to prohibit vechicular traffic from going across it. Road was graded around the trestle on the east side of the creek to permit flow of traffic.

13. **Artifacts:** Wood (size/type) ___ Glass (color) _X_ Metal (type) ___ Bone ___ Ceramic (color) ___ Adobe (condition) Nails (size/type) _X_ Cans (size/type) ___ Ordnance Other Explain: Railroad spikes and glass insolators from the power pole line.

14. **Disturbance:** Animal ___ Burning ___ Vandalism ORV Other _X_ Explain: Berm is intact here, however, in other areas the railroad right-of-way is being developed, removing evidence of the berm etc.

15. **Date Recorded:** 8 Feb 1990 16. **Recorder(s):** Daniel F. McCarthy
17. **Affiliation and Address:** Archaeological Research Unit, U C Riverside
18. **Present Condition:** Good Fair _X_ Poor Explain: Tracks removed.
19. **Nearest Water:** Tracks run along Temescal Wash.
20. **Vegetation Community (site vicinity):** Riparian
21. **Vegetation (on site):** Sycamores, willows, black and white sage
22. **Soil:** Gravel bed 23. **Surrounding Soil:** Grus
24. **Geology:** Granitic 25. **Landform:** Valley
26. **Slope:** < 3% 27. **Exposure:** Open
28. **Landowner and Address:** Private
29. **Remarks:** Railroad spur line was built around 1927. It ran from Corona through Temescal Canyon to Lake Elsinore, a distance of approximately 22 miles. The tracks were removed sometime prior to 1987 and the right-of-way is shown on the following USGS topographic maps dated prior to 1973 (photo-revised): Corona North, Corona South, Lake Mathews, Alberhill, and Elsinore. The railroad tracks do not show on the Lake Mathews, California 7.5' dated 1988.

30. **References:**
31. **Name of Project:** UCRARU #1039, Cultural Resources Assessment of the Morger Property Located in Temescal Canyon, Riverside County, California, D. F. McCarthy.

32. **Type of Investigation:** Class III inventory
33. **Site Accession Number:** **Curated at:**
34. **Photos:** **Taken by:**
35. **Photo Accession #:** **On File at:**

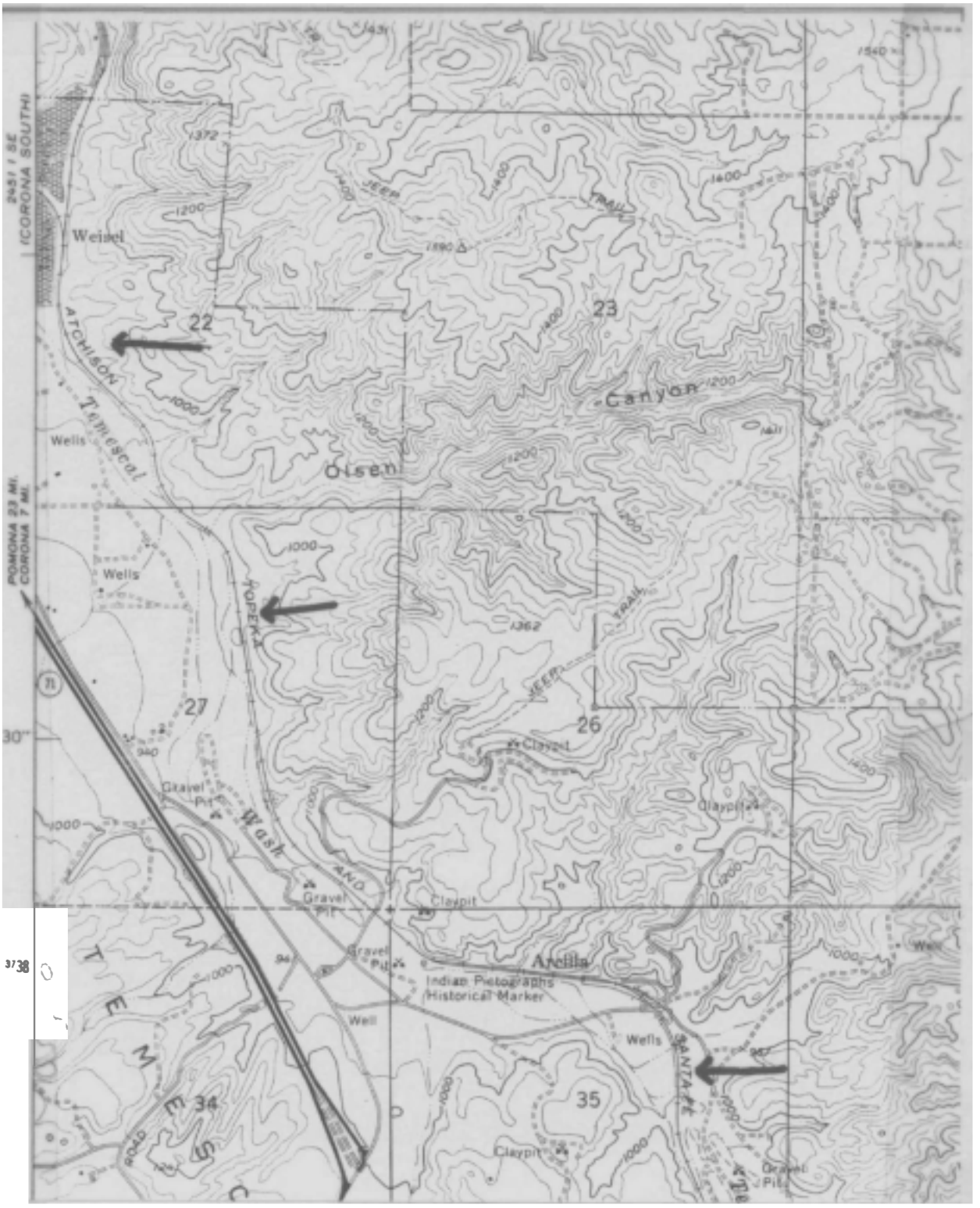
ARCHAEOLOGICAL SITE LOCATION MAP

-H

Permanent Trinomial: CA-RIV-3832H/ Feb 1990 (mo. / yr.)

U.S.G.S. Map: Lake Mathews, Calif. 7.5'

Page 2 **of** 2 **Recorder:** Daniel McCarthy



State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 33-20200
HRI # _____
Trinomial _____
NRHP Status Code _____
Other Listings _____
Review Code _____ Reviewer _____ Date _____

***Resource Name or #** (Assigned by recorder) Riverside County APN 107-020-012

P1. Other Identifier: 1428 E. 6th Street

***P2. Location:** ☐ **Not for Publication** ■ **Unrestricted** ***a. County** Riverside

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quad** Corona South **Date** 1967 (PR 1988) **T** 3S; **R** 6W; Unsectioned (El Sobrante de San Jacinto); SB **B.M.**

c. Address 1428 E. 6th Street City Corona Zip 92879

d. UTM: (give more than one for large and/or linear resources) Zone 11N; 450286 mE/ 3748146 mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The subject property is located at 1428 E. 6th Street in east Corona, south of SR 91 and east of I-15. The area surrounding the 9.4-acre parcel is characterized by a mix of mid-twentieth-century and more recent office and commercial buildings, warehouses, and industrial buildings and lots. Blacktopped except for a small portion of grass and trees along E. 6th Street, and surrounded by steel fences and concrete-block walls, the property has four buildings, three of which are 45 years of age or older.

Set back approximately 125 feet from E. 6th Street, the main and largest building on the property consists of a utilitarian central mass with a flat-roofed, single-story office clad in stucco and concrete blocks. International-style elements on the office include the flat roof, clerestory windows, an aluminum-frame glass entryway door with fixed-pane sidelights and a transom, and concrete-block walls projecting perpendicularly from the façade. The central mass of the building consists of a composition- and corrugated-metal-sided wall and parapet at the north elevation, which fronts three (see continuation sheet)

***P3b. Resource Attributes:** (List attributes and codes) HP8. Industrial building

***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo: (View, date, accession #) Photograph 1: Main building, north-facing façade, camera facing southwest

***P6. Date Constructed/Age and Sources:**
■ Historic ☐ Prehistoric ☐ Both
ca. 1955 (HistoricAerials.com 1948, 1967)

***P7. Owner and Address:**
Group, Inc.
1428 E. 6th Street
Corona, CA 92879

***P8. Recorded by:** (Name, affiliation, address)
Tim Yates, ICF International
9775 Businesspark Avenue, Suite 200
San Diego, CA 92131

***P9. Date Recorded:** September 13, 2011

***P10. Survey Type:** (Describe)
Reconnaissance

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.") *Cultural Resources Inventory Report for the Proposed Circle City Substation Project, Riverside and San Bernardino Counties, California.* ICF International, 2011

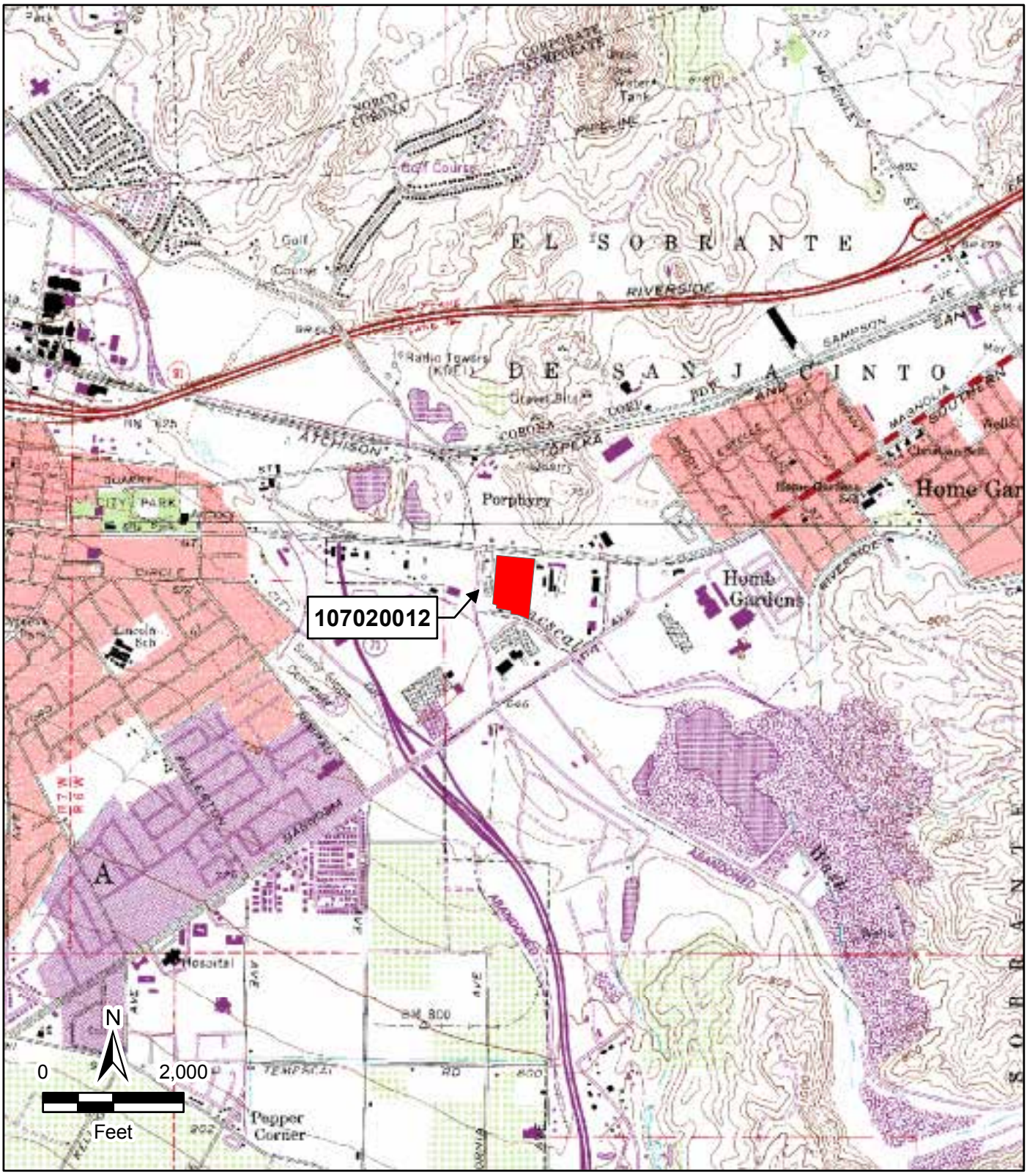
***Attachments:** NONE ■ Location Map ☐ Sketch Map ■ Continuation Sheet ☐ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record ☐ Other (list) _____

State of California - The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #: ~~33-20200~~
Trinomial:

Resource Name or #: APN 107020012

Map Name: Corona South **Scale:** 1:24,000 **Date of Map:** 1967 (Photorevised 1988)



Required information is bold

P3a. Description (continued)**:**

parallel gable-roof masses, with the two westerly masses extending further to the south than the easterly mass. The three gable-roof masses are sided and roofed in corrugated metal, with large steel-frame multi-light windows on the north, west, east elevations, and large warehouse doors at the south side of the building.

Located along E. 6th Street at the northeast corner of the property is a rectangular-plan utilitarian building topped by a low-pitch side-gable roof. The roof is covered with corrugated metal and elevation walls are clad in stucco. Fenestration consists of pairs of large steel-frame six-over-three pane windows at the upper portion of the north elevation, several lower steel-frame awning windows, and both a wood entryway door and a roll-up warehouse door at the south elevation, which is sheltered by a series of shed-roof covers.

An additional utilitarian building is located immediately southeast of the property's main building. Sided and roofed with corrugated metal, this building is comprised of three parallel front-gabled masses, each with a commercial-grade entryway door and a warehouse door at the west elevation.



Photograph 2: South (rear) and east elevations of main building, camera facing northwest, September 13, 2011



Photograph 3: Utilitarian building at northeast corner of property, north and west elevations, camera facing southeast, September 13, 2011



Photograph 4: West-facing façade of utilitarian building southeast of main building, camera facing SSE, September 13, 2011

State of California--The Resources Agency **Primary #** 33-020201 (Update)
DEPARTMENT OF PARKS AND RECREATION **HRI #**

PRIMARY RECORD

Trinomial
NRHP Status Code 6Z
Other Listings
Review Code **Reviewer** **Date**

 Resource Name or # (Assigned by recorder) Æ-2418-1H

P1. Other Identifier: APN 107-030-003

P2. Location: **Not for Publication** √ **Unrestricted** **a. County** Riverside
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

b. USGS 7.5' Quad Corona South, Calif. **Date** 1979
T3S **; R**6W; within a portion of the El Sobrante de San Jacinto land grant; S.B.**B.M.**
Elevation: Approximately 640 feet above mean sea level

c. Address 1436 E. 6th Street **City** Corona **Zip** 92879

d. UTM: (Give more than one for large and/or linear resources) **Zone** 11; 450,370 **mE** / 3,748,249 **mN**
UTM Derivation: __USGS Quad √ GPS; Google Earth NAD 1983

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 107-030-003 is situated near the southwest corner of E. 6th Street and Magnolia Avenue near the eastern edge of the City of Corona, approximately 1.25 mile east of the historical downtown core of the city.

P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This property was first recorded and included into the California Historical Resources Inventory in 2011 by Tim Yates as part of a reconnaissance-level built-environment survey for a proposed electrical transmission line corridor project (Yates 2011). The commercial building, concrete foundations, and asphalt pavement found on this parcel appear much the same as they did when it was first recorded by Yates in September, 2011. The building is one-story, wood-framed, and rectangular in plan, with a false mansard roof covered with wood shingles. The exterior walls are covered with stucco and fenestration includes aluminum-frame glass storefront windows and glass panel aluminum doors. The concrete slab foundations and asphalt pavement found on the parcel also appear to be in the same condition as when previously recorded. No other resources were encountered in this area of the Project during the field survey. See attached sketch map (Figure 1) for the configuration of the parcel and the locations of the commercial building, concrete foundations, and asphalt pavement.

P3b. Resource Attributes: (List attributes and codes) HP6. 1–3 story commercial building; HP 39. Other– abandoned foundations and pavement

P4. Resources Present: ☒ Building ☒ Structure □ Object □ Site □ District □ Element of District □ Other:

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)

See attached Continuation sheets for photographs

P5b. Description of Photo: (view, date, accession #) Photographs taken on July 30, 2012.

P6. Date Constructed/Age of Sources:
□ Prehistoric ☒ Historic □ Both 1962–1966

P7. Owner and Address: Unknown

P8. Recorded by: (Name, affiliation, and address)
Josh Smallwood
Applied EarthWorks, Inc.
3292 E. Florida Avenue, Suite A,
Hemet, CA 92544

P9. Date Recorded: July 30, 2012
P10. Survey Type: Intensive-level

P11. Report Citation: (Cite survey report and other sources, or enter "none.") Josh Smallwood (2012) "Cultural Resources Report for the Proposed Magnolia Point Project, SW Corner 6th Street and Magnolia Avenue in Corona, Riverside County, California." Applied Earthworks, Inc., Hemet.

Attachments: □ None ☒ Location Map ☒ Site Map ☒ Continuation Sheet ☒ Building, Structure, and Object Record □ Archaeological Record □ District Record □ Linear Feature Record □ Milling Station Record □ Rock Art Record □ Artifact Record □ Photograph Record Other:

BUILDING, STRUCTURE, AND OBJECT RECORD

NRHP Status Code 6Z
Resource Name or # (Assigned by recorder) APN 107-030-003

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Commercial **B4. Present Use:** Vacant

B5. Architectural Style: vernacular wood-frame stucco commercial building

B6. Construction History: (Construction date, alterations, and date of alterations) The commercial building, concrete slab foundations, and asphalt pavement found at this location were constructed sometime between 1962 and 1966 (USDA 1961; USGS 1967). Their design and overall appearance are consistent with the design and construction of commercial buildings and foundations across the U.S. during that time. The last occupants in the building operated a custom furniture, art, and framing business called "Designed Furnishings."

B7. Moved? ☒ No □ Yes □ Unknown **Date:** **Original Location**:

B8. Related Features:

B9a. Architect: Unknown **b. Builder:** Unknown

B10. Significance: **Theme** Mid-twentieth century commercial development
Area Eastern Corona city limits **Period of Significance** 1945–1970
Property Type Commercial building **Applicable Criteria** None apply
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This resource is not eligible for the CRHR and is not a historical resource under CEQA. The one-story wood-frame and stucco commercial building located on this parcel was constructed around 1962–1966. Its design was commonly employed for commercial buildings and strip-malls constructed across the U.S. during the post-WWII era. It is plain and modest in appearance and vernacular in design (Figure 2). It exhibits no distinctive characteristics or any particularly interesting architectural detailing that would stand it apart from the numerous other wood-frame and stucco commercial buildings constructed during the era.

The building dates to a relatively late period in the history of the town of Corona. Amidst the post-WWII era development boom, the city limits expanded in all directions from the central core of the town, and former agricultural lands were rezoned for construction and expansion of residential, commercial, and industrial development. While this building is loosely associated with an important trend of events in the history of the town—post-WWII expansion— it is merely the product of that time period, and it is not directly associated with any historically important aspects of that event.

This building does not date to the early settlement and development of the town, nor does it stand out as a distinctive building of the post-WWII era boom period in the town of Corona. Therefore, its association is not directly linked with any important historical events in the town's history (Criterion A/1). There is no indication that this building is directly associated with any prominent historical figures, or with any important architects or designers of the era (Criterion B/2).

In addition, being of standard design and construction for small wood-frame commercial buildings of the post-WWII era, this building does not exhibit any architectural merits that would suggest it is eligible for the NRHP under Criterion C, or the CRHR under Criterion 3. Under Criterion D of the NRHP, and Criterion 4 of the CRHR, this building is unlikely to provide any important information about post-WWII-era architecture, or the construction of commercial buildings at that time that are not already known, or that cannot be obtained through other avenues of research.

While the remnant concrete slab-type foundations and asphalt paving at 33-020201 are historic in age (i.e., 50 years old), or approaching historic age (i.e., 45 years of age), with no building on them and no important information value, features such as these have no architectural or archaeological value and have no potential for historical significance (Figure 3).

B11. Additional Resource Attributes: (List attributes and codes) None.

B12. References:

USDA (U.S. Department of Agriculture)
1961 USDA aerial photograph, AXM-5BB-90, dated 6-17-61. On file, Orbach Science Library, University of California, Riverside.

USGS (U.S. Geological Survey)
1967 Corona South, Calif. 7.5' 1:24,000 scale topographic quadrangle. On file, Orbach Science Library, University of California, Riverside.

Yates, Tim
2011 DPR 523 Primary Record, 33-020201. On file, Eastern Information Center, University of California, Riverside.

B13. Remarks: None

B14. Evaluator: Josh Smallwood **Date of Evaluation:** August 7, 2012

(This space reserved for official comments.)

(Sketch Map with north arrow required.)

See attached sketch map (Figure 1) for the configuration of the parcel and the locations of the commercial building, concrete foundations, and asphalt pavement.



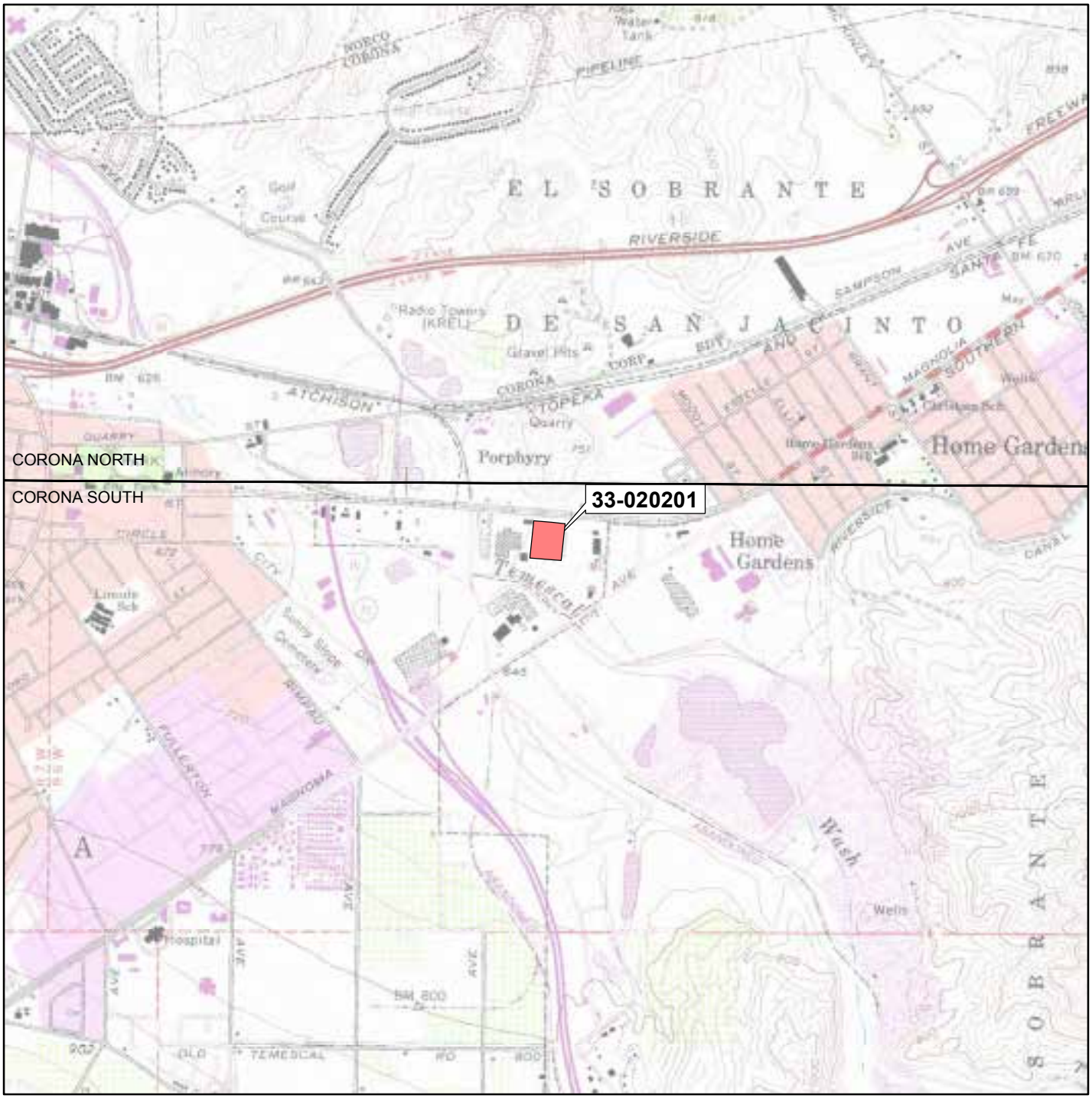
Figure 1. The locations of the commercial building, foundations, and pavement within APN 107-030-003. Note that several warehouse buildings were extant on this parcel when this aerial image was taken in November, 2009. These buildings have since been removed and all that remains are concrete slab foundations and asphalt pavement.



Figure 2. The wood-frame and stucco commercial building found on APN 107-030-003. Photograph taken on July 30, 2012; view to the southwest.



Figure 3 Concrete slabs and asphalt pavement found on APN 107-030-003. Photograph taken on July 30, 2012; view to the southeast.



SCALE 1:24,000

1 0.5 0 1 Miles

1,000 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 Feet

1 0.5 0 1 Kilometers

TRUE NORTH

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 33-20201
HRI # _____
Trinomial _____
NRHP Status Code _____
Other Listings _____
Review Code _____ Reviewer _____ Date _____

***Resource Name or #** (Assigned by recorder) Riverside County APN 107-030-003

P1. Other Identifier: 14282 E. 6th Street

***P2. Location:** ☐ **Not for Publication** ■ **Unrestricted** ***a. County** Riverside

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quad** Corona South **Date** 1967 (PR 1988) **T** 3S; **R** 6W; Unsectioned (El Sobrante de San Jacinto); SB **B.M.**

c. Address 14282 E. 6th Street City Corona Zip 92879

d. UTM: (give more than one for large and/or linear resources) Zone 11N; 45041 mE/ 3748208 mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The subject property, 14282 E. 6th Street, consists of a commercial building sited on a 5.2-acre parcel situated south of SR 91 and east of I-15. The area surrounding the property is characterized by a mix of mid-twentieth-century and more recent office and commercial buildings, warehouses, and industrial buildings and lots. 14282 E. 6th Street is a single-story rectangular-plan building with a north-facing primary façade, stucco wall cladding, and a false mansard roof covered in wood shingles, which surrounds the building's predominantly flat roof. The false mansard projects slightly from the building's east elevation over a pattern of exposed beams and rectangular clerestory windows. Additional fenestration consists of fixed aluminum-frame storefront windows, sliding aluminum-frame windows and glass doors, and aluminum-frame single-leaf glass commercial doors. The building is setback from E. 6th Street behind a blacktopped parking lot. Several large concrete slabs cover portions of the parcel to the south.

***P3b. Resource Attributes:** (List attributes and codes) HP6. 1-3 story commercial building

***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo: (View, date, accession #) North-facing facade and east elevation, camera facing southwest, September 13, 2011.

***P6. Date Constructed/Age and Sources:**
■ Historic ☐ Prehistoric ☐ Both
ca. 1962 (HistoricAerials.com 1948, 1967)

***P7. Owner and Address:**
"1451 Magnolia"
1 Town Square, # 1913
Southfield, MI 48076

***P8. Recorded by:** (Name, affiliation, address)
Tim Yates, ICF International
9775 Businesspark Avenue, Suite 200
San Diego, CA 92131

***P9. Date Recorded:** September 13, 2011

***P10. Survey Type:** (Describe)
Reconnaissance

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.") *Cultural Resources Inventory Report for the Proposed Circle City Substation Project, Riverside and San Bernardino Counties, California.* ICF International, 2011

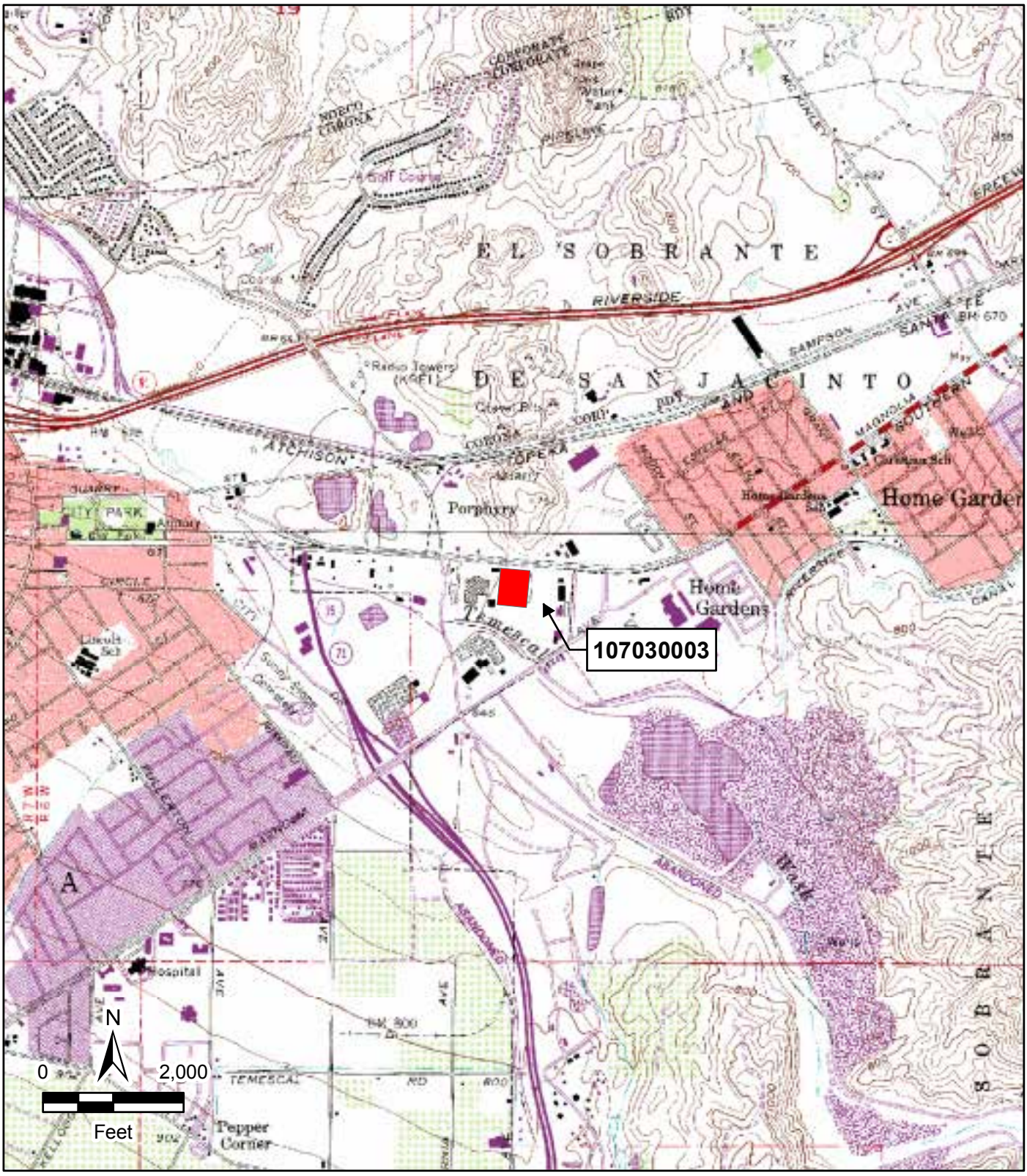
***Attachments:** NONE ■ Location Map ☐ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record ☐ Other (list) _____

State of California - The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #: 33-20201
Trinomial:

Resource Name or #: APN 107030003

Map Name: Corona South **Scale:** 1:24,000 **Date of Map:** 1967 (Photorevised 1988)



Required information is bold

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 33-20202
HRI # _____
Trinomial _____
NRHP Status Code _____
Other Listings _____
Review Code _____ Reviewer _____ Date _____

 ***Resource Name or #** (Assigned by recorder) Riverside County APN 107-030-022

P1. Other Identifier: 1375 Magnolia Avenue & 1001 E. El Camino Avenue

***P2. Location:** ☐ **Not for Publication** ■ **Unrestricted** ***a. County** Riverside

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quad** Corona South **Date** 1967 (PR 1988) **T** 3S; **R** 6W; Unsectioned (El Sobrante de San Jacinto); SB **B.M.**

c. Address 1375 Magnolia Avenue & 1001 E. El Camino Avenue City Corona Zip 92879

d. UTM: (give more than one for large and/or linear resources) Zone 11N; 450274 mE/ 3747863 mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The subject industrial-commercial complex includes the addresses 1375 Magnolia Avenue and 1001 E. El Camino Avenue, and is located on an approximately 17-acre parcel bordered by a concrete-lined portion of Temescal Creek to the north and northeast, El Camino Avenue to the west, and Magnolia Avenue to the southeast. The surrounding area is characterized by a mix of mid-twentieth-century and more recent office buildings, warehouses, and industrial buildings and lots. Entrances at El Camino Avenue and Magnolia Avenue provide access to the property. Multiple businesses operate on the property, sharing addresses and making use of the same buildings, all six of which are 45 years of age or older.

The largest is a roughly L-shaped industrial building occupying the northern half of the property. The main entrance is on the building's northwest side. Both of the building's main wings have gabled roofs of corrugated (see continuation sheet)

***P3b. Resource Attributes:** (List attributes and codes) HP8. Industrial building; HP6.1-3 story commercial building

***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo: (View, date, accession #) Photograph 1: Overview of property, camera facing WSW, September 13, 2011

***P6. Date Constructed/Age and Sources:**
■ Historic ☐ Prehistoric ☐ Both
ca. 1955 – ca. 1960 (HistoricAerials.com 1948, 1967)

***P7. Owner and Address:**
McWane Inc.
902 2nd Street
Oskaloosa, IA 52577

***P8. Recorded by:** (Name, affiliation, address)
Tim Yates, ICF International
9775 Businesspark Avenue, Suite 200
San Diego, CA 92131

***P9. Date Recorded:** September 13, 2011

***P10. Survey Type:** (Describe)
Reconnaissance

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.") *Cultural Resources Inventory Report for the Proposed Circle City Substation Project, Riverside and San Bernardino Counties, California.* ICF International, 2011

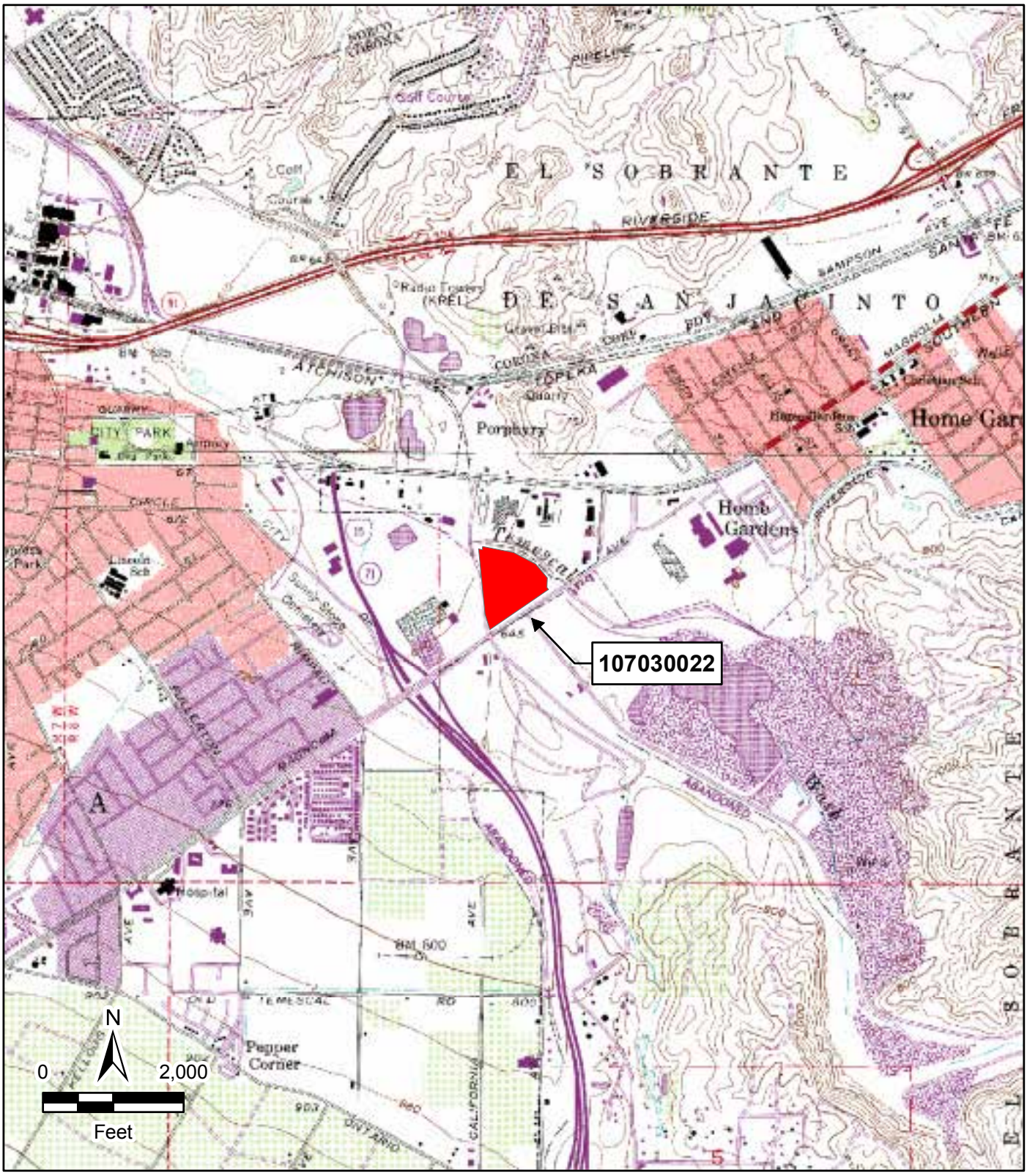
***Attachments:** NONE ■ Location Map ☐ Sketch Map ■ Continuation Sheet ☐ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record ☐ Other (list) _____

State of California - The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #: 33-20202
Trinomial:

Resource Name or #: APN 107030022

Map Name: Corona South **Scale:** 1:24,000 **Date of Map:** 1967 (Photorevised 1988)



Required information is bold

P3a. Description (continued)**:**

metal. The west wing has a section of roof that projects higher than the rest of the roof and is topped by a monitor-like mass lined with vents. Most walls consist of corrugated metal. Walls also display aluminum- and steel-frame multi-light windows, some with awnings, as well as large warehouse doors and numerous shed-roof projections, some with brick and stucco siding that contain office space, particularly at the northwest elevation. Projecting from the southeast elevation of the building's western wing is a prominent rectangular bay with a flat roof and an open-sided southeast elevation.

Immediately south of the L-shaped building's open-sided bay is a smaller utilitarian building that could not be photographed closely during the survey. Roofed and sided in corrugated metal, the building has a northeast-facing entrance and a front-gabled roof, with a shed extension of the roof sheltering loading areas at the southeast elevation. A bay projecting at the north side of the northeast elevation also forms a larger loading space.

South of the above two buildings near El Camino Avenue stands the second largest building on the property. This rectangular-plan utilitarian industrial building has a southwest-facing main entrance, corrugated metal and composite siding, and corrugated metal roof sections of varying shape. Most of the building is topped by a sawtooth roof with clerestory windows on the vertical surfaces below ridges, some of which are boarded over. The eastern portion of the building has a saltbox roof. The southwest side of the building has a gable roof and a largely open-sided southwest elevation. A square-shaped mass rises from the northeast corner of the building and a gable-roof mass rises from the southwestern shed roof. The shed roof projections on the southwest side of the building accommodate the entrance and what appear to be offices.

Smaller buildings occupy the southern portion of the property. Located southeast of the L-shaped building, at the property's southeast entrance along Magnolia Avenue, is a single-story, irregular-plan office building with a low-pitch hip roof clad in composition shingles and forming wide eave overhangs. The building's stucco-clad walls have sliding aluminum windows. Concrete-block walls and planters screen the southeast side of the building, presumably its façade entrance, from view at Magnolia Avenue.

A modest-sized utilitarian building with warehouse doors at its northeast-facing entrance is also located at the property's southwest corner, near the intersection of El Camino and Magnolia Avenues. Clad entirely in corrugated metal, the rectangular-plan building has a side-gable roof and a shed projection with a warehouse at the southeast corner (see continuation sheet).



Photograph 2: South wing of L-shaped building, camera facing northwest, September 13, 2011



Photograph 3: Northwest-facing entrance of L-shaped building, camera facing southwest, September 13, 2011



Photograph 4: Southeast and northeast elevations sawtooth- and saltbox-roofed industrial building, camera facing northwest, September 13, 2011



Photograph 5: Southern open-sided bay of L-shaped building at center rear, smaller utilitarian buildings at center and left, southwest elevation of office building at right, camera facing northwest, September 13, 2011



Photograph 6: Southeast-facing entrance of office building near Magnolia Avenue entrance to property, camera facing northwest, September 13, 2011



Photograph 7: Southeast and northeast elevations of utilitarian building at southwest corner of property, camera facing northwest, September 13, 2011

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 33-20203
HRI # _____
Trinomial _____
NRHP Status Code _____
Other Listings _____
Review Code _____ Reviewer _____ Date _____

***Resource Name or #** (Assigned by recorder) Riverside County APN 107-040-005

P1. Other Identifier: 1640 E. 6th Street

***P2. Location:** ☐ **Not for Publication** ■ **Unrestricted**

***a. County** Riverside

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quad** Corona South **Date** 1967 (PR 1988) **T** 3S; **R** 6W; Unsectioned (El Sobrante de San Jacinto); SB **B.M.**

c. Address 1640 E. 6th Street City Corona Zip 92879

d. UTM: (give more than one for large and/or linear resources) Zone 11N; 450899 mE/ 3748194 mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The subject property is a utilitarian building surrounded by a parking lot with the address 1640 E. 6th Street. The building is sited on an approximately one-acre parcel situated south of SR 91 and east of I-15, in an area characterized by a mix of mid-twentieth-century and more recent office and commercial buildings, warehouses, and industrial buildings and lots. The rectangular-plan building has a north-facing façade, concrete-block walls, and a side-gable roof covered in composition shingles with minimal eave overhangs. The gable ends are sided in scalloped vertical boards. Façade fenestration consists of a centered entryway with a wood door and security screen, and two flanking windows fronted by security bars. All other window openings are boarded. The rear south elevation has a shed-roof addition with vertical-board siding and a secondary access door fronted by a security screen. The western half of the façade has a planter lined with shrubs.

***P3b. Resource Attributes:** (List attributes and codes) HP6. 1-3 story commercial building

***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo: (View, date, accession #) North-facing facade and west elevation, camera facing southeast, September 13, 2011

***P6. Date Constructed/Age and Sources:**
■ Historic ☐ Prehistoric ☐ Both
ca. 1940 (HistoricAerials.com 1948; USGS Corona Quad, 1942, surveyed 1933)

***P7. Owner and Address:**
RAV Properties LLC
1650 E. 6th Street
Corona, CA 92879

***P8. Recorded by:** (Name, affiliation, address)
Tim Yates, ICF International
9775 Businesspark Avenue, Suite 200
San Diego, CA 92131

***P9. Date Recorded:** September 13, 2011

***P10. Survey Type:** (Describe)
Reconnaissance

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.") *Cultural Resources Inventory Report for the Proposed Circle City Substation Project, Riverside and San Bernardino Counties, California.* ICF International, 2011

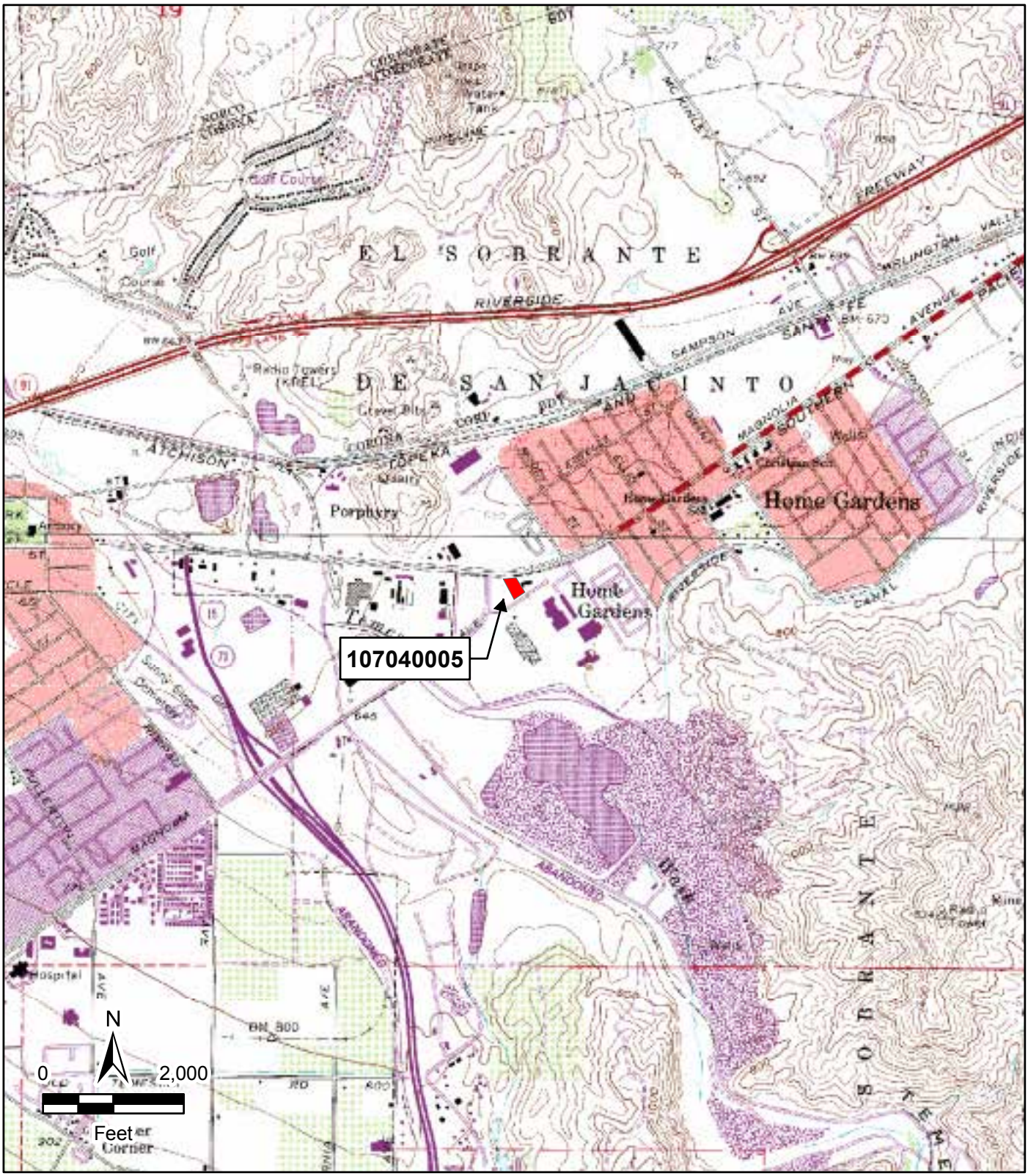
***Attachments:** NONE ■ Location Map ☐ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record ☐ Other (list) _____

State of California - The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #: 33-20203
Trinomial:

Resource Name or #: APN 107040005

Map Name: Corona South **Scale:** 1:24,000 **Date of Map:** 1967 (Photorevised 1988)



Required information is bold

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 33-20204
HRI # _____
Trinomial _____
NRHP Status Code _____
Other Listings _____
Review Code _____ Reviewer _____ Date _____

***Resource Name or #** (Assigned by recorder) Riverside County APN 107-040-006

P1. Other Identifier: 1650 E. 6th Street

***P2. Location:** ☐ **Not for Publication** ■ **Unrestricted**

***a. County** Riverside

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quad** Corona South **Date** 1967 (PR 1988) **T** 3S; **R** 6W; Unsectioned (El Sobrante de San Jacinto); SB **B.M.**

c. Address 1650 E. 6th Street City Corona Zip 92879

d. UTM: (give more than one for large and/or linear resources) Zone 11N; 451010 mE/ 3748234 mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The subject property, 1650 E. 6th Street, is a commercial building sited on a 1.6-acre parcel with a large parking lot and multiple palm trees. The property is located in eastern Corona south of SR 91 and east of I-15. The surrounding area consists of a mix of mid-twentieth-century and more recent office and commercial buildings, warehouses, and industrial buildings and lots. 1650 E. 6th Street is a rectangular-plan building with a north-facing façade and projections from the west side of the rear south elevation. The façade and the west and east elevations feature false mansard roofs covered in wood shingles; the majority of the building's main mass is flat-roofed. The façade also has three gables, with the northeast and northwest gables projecting outward to form entry shelters with supporting wood posts. The west elevation features a single gablet and a parapet, both sided with vertical boards. Wall surfaces include signage, board and batten at the east elevation, and concrete blocks at the north and west elevations (see continuation sheet).

***P3b. Resource Attributes:** (List attributes and codes) HP6. 1-3 story commercial building

***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo: (View, date, accession #) Photograph 1: North-facing facade and west elevations, camera facing southeast, September 13, 2011

***P6. Date Constructed/Age and Sources:**
■ Historic ☐ Prehistoric ☐ Both
ca. 1965 (HistoricAerials.com 1948, 1967)

***P7. Owner and Address:**
RAV Properties LLC
1650 E. 6th Street
Corona, CA 92879

***P8. Recorded by:** (Name, affiliation, address)
Tim Yates, ICF International
9775 Businesspark Avenue, Suite 200
San Diego, CA 92131

***P9. Date Recorded:** September 13, 2011

***P10. Survey Type:** (Describe)
Reconnaissance

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.") *Cultural Resources Inventory Report for the Proposed Circle City Substation Project, Riverside and San Bernardino Counties, California.* ICF International, 2011

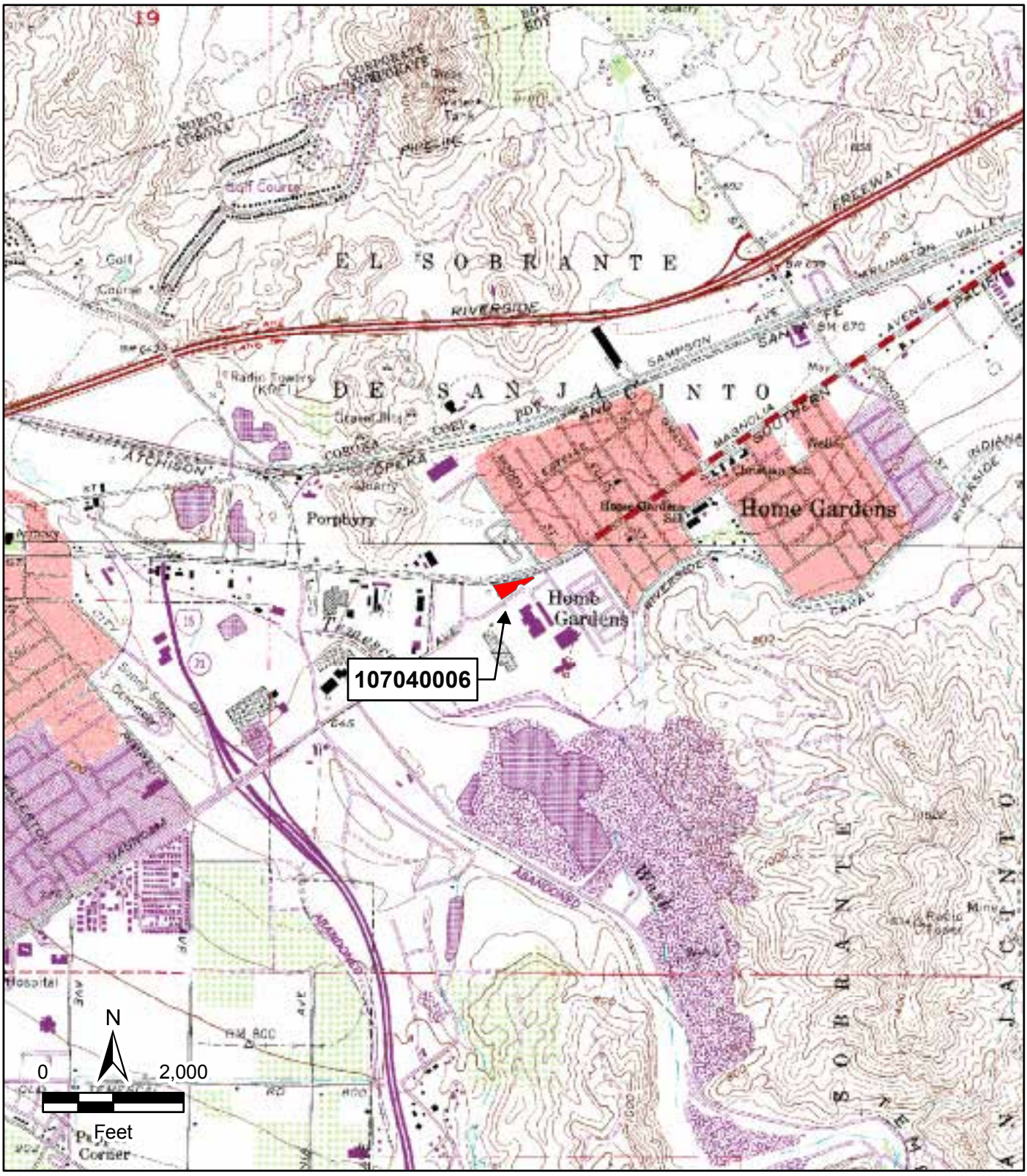
***Attachments:** NONE ■ Location Map ☐ Sketch Map ■ Continuation Sheet ☐ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record ☐ Other (list) _____

State of California - The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #: 33-20204
Trinomial:

Resource Name or #: APN 107040006

Map Name: Corona South **Scale:** 1:24,000 **Date of Map:** 1967 (Photorevised 1988)



Required information is bold

P3a. Description (continued)**:**

The major stucco-sided projection from the south elevation has a gabled wood-shingle roof and fenestration consisting of two aluminum slider windows and a square louvered vent, all with wide wood surrounds. The remainder of the building's rear consists of stucco-sided shed projections and loading areas. Multiple satellite dishes and air-conditioning units are situated atop the building's roof.



Photograph 2: East and north elevations, camera facing southwest, September 13, 2011

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 33-20205
HRI # _____
Trinomial _____
NRHP Status Code _____
Other Listings _____
Review Code _____ Reviewer _____ Date _____

***Resource Name or #** (Assigned by recorder) Riverside County APN 107-060-003

P1. Other Identifier: 1480 Magnolia Avenue

***P2. Location:** ☐ **Not for Publication** ■ **Unrestricted** ***a. County** Riverside

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quad** Corona South **Date** 1967 (PR 1988) **T** 3S; **R** 6W; Unsectioned (El Sobrante de San Jacinto); SB **B.M.**

c. Address 1480 Magnolia Avenue City Corona Zip 92879

d. UTM: (give more than one for large and/or linear resources) Zone 11N; 450642 mE/ 3747812 mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The subject property, 1480 Magnolia Avenue, is located on a 2.8-acre parcel in eastern Corona south of SR 91 and east of I-15, an area characterized by a mix of mid-twentieth-century and more recent office buildings, warehouses, and industrial buildings and lots. 1480 Magnolia Avenue consists of two buildings at the northwest side of the parcel along Magnolia Avenue, and an extensive rectangular yard with concrete processing machinery and truck parking surrounded by concrete-block wall. At the property's northeast corner is a rectangular-plan, front-gabled building with a medium-pitch roof covered with corrugated metal. Clad in non-original rough-textured stucco, the building has a symmetrically arranged northwest-facing façade with an octagonal louvered vent at the gable and a centered entryway with a cantilevered shelter and a wood door flanked by two aluminum-slider windows with security bars (see continuation sheet).

***P3b. Resource Attributes:** (List attributes and codes) HP6. 1-3 story commercial building; HP8. Industrial building

***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo: (View, date, accession #) Photograph 1: northeast building, northwest-facing façade and northeast elevation, camera facing southwest, September 13, 2011

***P6. Date Constructed/Age and Sources:**
■ Historic ☐ Prehistoric ☐ Both
ca. 1960 (HistoricAerials.com 1948, 1967)

***P7. Owner and Address:**
Nanci General Partnership
1320 E. 6th Street, #100
Corona, CA 92879

***P8. Recorded by:** (Name, affiliation, address)
Tim Yates, ICF International
9775 Businesspark Avenue, Suite 200
San Diego, CA 92131

***P9. Date Recorded:** September 13, 2011

***P10. Survey Type:** (Describe)
Reconnaissance

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.") *Cultural Resources Inventory Report for the Proposed Circle City Substation Project, Riverside and San Bernardino Counties, California.* ICF International, 2011

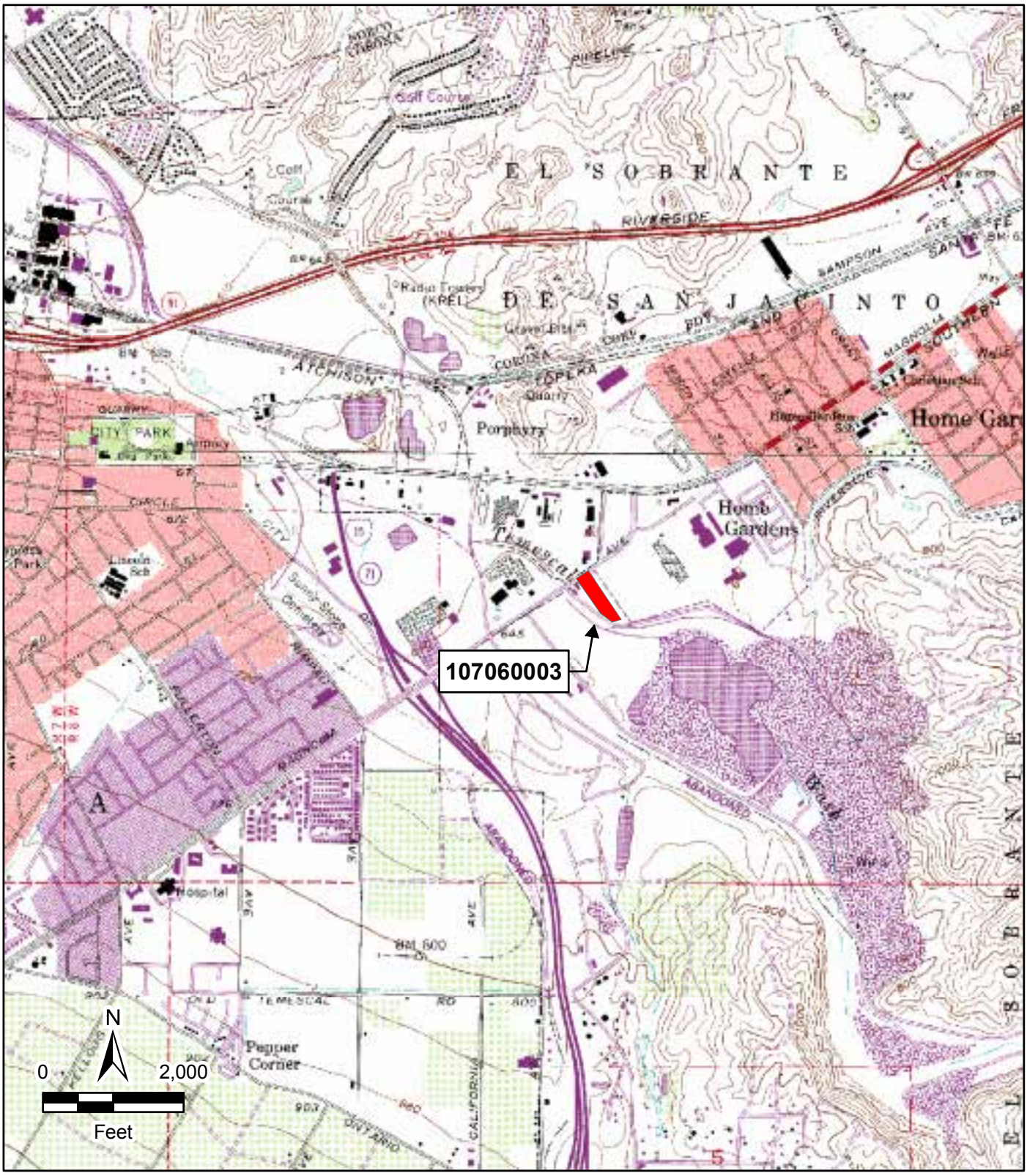
***Attachments:** NONE ■ Location Map ☐ Sketch Map ■ Continuation Sheet ☐ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record ☐ Other (list) _____

State of California - The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #: 33-20205
Trinomial:

Resource Name or #: APN 107060003

Map Name: Corona South **Scale:** 1:24,000 **Date of Map:** 1967 (Photorevised 1988)



Required information is bold

P3a. Description (continued)**:**

A lengthy steel gate separates the property's northeast building from the northwest utilitarian building, which is side-gabled and clad in entirely in corrugated metal and several sheets of ply wood.



Photograph 2: Northwest building, northeast and northwest elevations, camera facing southwest, September 13, 2011

33-20206

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z
Other Listings _____
Review Code _____ Reviewer _____ Date _____

RECEIVED IN
APR 29 2015
EIC

*Resource Name or # (Assigned by recorder) San Vallé Tile Kilns, Inc.

P1. Other Identifier: Riverside County APNs 107-060-008 & 107-060-009
*P2. Location: ☐ Not for Publication ■ Unrestricted
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
*a. County Riverside
*b. USGS 7.5' Quad Corona South Date 1967 (PR 1988) T 3S; R 6W; Unsectioned (El Sobrante de San Jacinto) SB B.M.
c. Address 1620 Magnolia Avenue City Corona Zip 92879
d. UTM: (give more than one for large and/or linear resources) Zone ___, _____ mE/ _____ mN
e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)
Originally developed as a ceramic tile manufacturer, the subject industrial property is located at 1620 Magnolia Avenue on two parcels, which encompasses approximately 20 acres in eastern Corona south of SR 91 and east of I-15. The area around the property consists of a mix of mid-twentieth-century and more recent office buildings, warehouses, and industrial buildings and empty lots. Two buildings stand on the property.

The smaller of the two buildings is situated at the front of the property along Magnolia Avenue and appears to have originally served as a gate house or security check point (photograph 2). The asymmetrically arranged, rectangular-plan building has an offset northwest-facing entry and a low-pitched side-gable roof. Covered in Spanish tile, the roof forms wide eave overhangs with prominently exposed ceiling beams and rafter tails. The projecting roof line forms a shelter running the length of the north elevation and a car port at the west side of the plan. Square brick-clad columns support the shelter and carport (see continuation sheet 4).

*P3b. Resource Attributes: (List attributes and codes) HP8. Industrial Building
*P4. Resources Present: ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo: (View, date, accession #) Photograph 1. Front of San Vallé Tile Kilns, Inc., view to south

*P6. Date Constructed/Age and Sources:
■ Historic ☐ Prehistoric ☐ Both
1965-66 (See attached DPR 523B form references)

*P7. Owner and Address:
Princeland Property, Inc.
26039 Acera, #101
Mission Viejo, CA 92131

*P8. Recorded by: (Name, affiliation, address)
Tim Yates
ICF International
9775 Business Park Avenue, Suite 200
San Diego, CA 92131

*P9. Date Recorded: August 23, 2012

*P10. Survey Type: (Describe) Intensive

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") ICF International. 2012. Addendum 1. Proposed Circle City Substation and Mira Loma-Jefferson Subtransmission Line Project (ICF 00647.11), Riverside and San Bernardino Counties, California Prepared for Southern California Edison.

*Attachments: NONE ☐ Location Map ■ Sketch Map ■ Continuation Sheet ■ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record ☐ Other (list) _____

*Required Information

33-20206

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary # _____
HRI # _____

***NRHP Status Code** 6Z
***Resource Name or #** (Assigned by recorder) San Vallé Tile Kilns, Inc.

B1. Historic Name: San Vallé Tile Kilns, Inc.
B2. Common Name: Unknown
B3. Original Use: Tile manufacturing facility B4. Present Use: Unknown
***B5. Architectural Style:** Utilitarian; mid-century modern
***B6. Construction History:** (Construction date, alteration, and date of alterations) 1965-66

***B7. Moved?** ■ No ☐ Yes ☐ Unknown **Date:** _____ **Original Location:** _____
***B8. Related Features:** _____

B9. Architect: Unknown **b. Builder:** Unknown
***B10. Significance: Theme** Industrial development **Area** Corona
Period of Significance 1965-66 **Property Type** Industrial facility **Applicable Criteria** NA
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.)

Historic Background

Riverside County

In 1776 and again in 1778, Spanish army Captain Juan Bautista de Anza led an overland expedition through the region on a 1200 mile route from Nogales, Arizona to San Francisco, California. He traversed Riverside County along the historic route now designated the Juan Bautista de Anza Historic Trail. During the late 18th century, the Spanish mission fathers of San Gabriel Arcángel, San Juan Capistrano, and San Luis Rey missions began colonizing the lands of the Native Americans, utilizing the interior valley of Western Riverside County for raising grain and cattle. San Gabriel Arcángel Mission claimed lands in present-day Jurupa, Riverside, San Jacinto, and the San Gorgonio Pass, while San Luis Rey mission claimed land around present day Lake Elsinore, Temecula, and Murrieta. These lands were used for grazing large herds of mission-owned cattle and sheep transported to market along mission trails. After the secularization of the missions, sixteen ranchos were granted in Riverside County; Juan Bandini received the first of these in 1838 (Brown and Boyd 1922: 15, 26, 91; Hoover et al. 2002: 292-93, 295.) (see continuation sheet 4).

B11. Additional Resource Attributes: (List attributes and codes)

***B12. References:**

See page 9 continuation sheet

B13. Remarks:

***B14. Evaluator:** Tim Yates, Ph.D., ICF International

***Date of Evaluation:** September 7, 2012

(This space reserved for official comments.)

(Sketch Map with north arrow required.)

See DPR Page 3 Sketch Map

33-20206

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
SKETCH MAP

Primary # _____
HRI # _____
Trinomial _____

***Drawn By** R. Hoffman

***Resource Name or #** (Assigned by recorder) San Vallé Tile Kilns, Inc.
***Date of Map** September 6, 2012



*Required Information

***P3a. Description (cont.):**

The building's walls are also clad in brick. Fenestration consists of horizontal aluminum-slider windows, an aluminum-frame single-leaf glass entry door, and two small jalousie windows at the southeast elevation.

Southeast of the smaller building is a sprawling, irregular-plan utilitarian building measuring approximately 700 feet in length. The northern front of the building resembles a modern pole barn and has a large northwest-facing opening, a low-pitch front-gabled metal roof, metal siding, and a large rectangular space cut out of the roof (photograph 3). To the southeast, the building varies in width and height and has low-pitched gable roofs with metal cladding. A monitor runs the length of the roof ridge at the central portion of the building. The building's walls are clad in metal south of the pole-barn-like front mass as well. Along the northeast elevation south of the pole-barn-like front mass, the building has horizontal aluminum-frame windows at what appear to be several office areas (photograph 4). This portion of the building includes a shed-roofed projection with numerous aluminum-frame windows, and is accessed by a wood entry door with a small cantilevered shelter, and a two-leaf aluminum-frame and glass entry door with a small gabled shelter. Aerial views indicate that a concrete ramp descends to a loading dock at the southwest elevation opposite the northeast elevation's projecting shed-roofed mass (the southwest side of the building could not be accessed during the survey). The building's metal-clad, south-central and southern portion has several warehouse entries, one of which retains dual doors that slide horizontally on a track, as well as multiple louvered vents, wood entry doors, several horizontal aluminum-slider windows, and several attached canopies with metal support poles (photographs 5 and 6). The south end of the building is comprised of an L-shaped metal-clad projection with gable roofs (photograph 6). This southern mass is largely open-sided and, like the building's front mass, resembles a modern pole barn.

The building is surrounded by asphalt paving and unpaved areas strewn with clay tile shards. A chain link and steel-pole fence surrounds the property, which is accessed through a chain-link and steel-pole gate at Leeson Lane along the northwest side of property.

***B10. Significance (cont.):**

Shortly after the founding of Riverside in 1870, a prosperous citrus industry began to take foot in the region. By the early 1870s, two simple canals had been constructed by diverting water from the Santa Ana River to Riverside agricultural land, thus making large-scale crop production possible for the first time. This basic irrigation served as a catalyst for crop experimentation in Riverside's arid climate. The citrus industry in Riverside is often said to have began in 1873 when resident Eliza Tibbets planted two Brazilian naval orange trees on her property. The trees thrived and caught the attention of many local agricultural producers. Not only did the newly introduced navel oranges have superior taste, appearance, and size compared to other varieties of oranges of the day, they were also seedless. Following a tasting party in 1878 and the first formal Citrus Fair in Riverside in 1879, Riverside's navel oranges gained widespread notoriety. The success of the local citrus industry in the following decade spurred an expansion of the irrigation system with the construction of the Gage Canal in 1887. Named after its builder, Matthew Gage, the canal transported water from the eastern San Bernardino Valley and became the main channel of the irrigation system. This newer canal facilitated an even more aggressive expansion of the Riverside citrus industry and played a critical role in supporting the city's growing economic activity around the turn of the century. Riverside grew rapidly during the 1880s thanks to the economic engine of citrus cultivation. (Brown and Boyd 1922: 59, 409-416, 426-27.)

The city of Riverside was formally incorporated in 1883. The County of Riverside was created a decade later out of portions of San Bernardino and San Diego Counties, with the City of Riverside as the county seat. By then, Riverside citizens had amassed increasing wealth through citrus enterprise. The arrival of the California Southern (later the Santa Fe) and Southern Pacific Railroads, along with the development of the refrigerated railroad car, allowed local growers to ship fruit to East Coast markets. Local fruit growers joined together to pick and sell fruit under a single brand name and fruit-grading system. The plan expanded, and by 1893 growers had formed the Southern California Fruit Exchange to market their products. By then, the Citrus industry had also spread to South Riverside, a growing area that would soon become the city of Corona. (Brown and Boyd 1922: 55, 94-99, 444-447, 497-49, 541; Hoover et al. 2002: 296-97, 565.) (see continuation sheet 5)

***B10. Significance (cont.):**

Corona

In 1886, at the encouragement of developer Robert B. Taylor, considered the "Father of Corona," a partnership headed by Adolph Rimpau of Anaheim formed the South Riverside Land and Water Company and purchased approximately 12,000 acres of quality agricultural land for $110,000 to establish South Riverside. The same year, civil engineer and surveyor Hiram Clay (H.C.) Kellogg, well-known in Southern California as the surveyor for wineries, laid out the city, including "Grand Boulevard," a broad circular street with a three-mile circumference at the city's center. In 1896, South Riverside's citizens moved to formally incorporate the town. The new city was renamed Corona in honor of its circular Grand Boulevard. During subsequent decades, residents made a practice of parading their fancy buggies on the circular boulevard enclosing the community's core, which encompassed schools, churches, residences and stores. In July 2011, Grand Boulevard roadway and its contributing streetscape features—trees, parkways, and streetlights—were listed on the National Register of Historic Places as a historic district (Brown and Boyd 1922: 553, 555, 558, Director of the National Park Service 2011; Mermilliod, 2011: 10-15).

Agriculture propelled Corona's growth and sustained its economy for almost a century after the community's establishment at the height of the Southern California citrus boom. The first lemon processing plant in the country was built in Corona in 1915. The surrounding area is known for its abundant natural resources, which include the Temescal Tin Mines, some of the best clay and mineral deposits in the United States, and ideal land and climate conditions for citrus production. The area north of the city's core also supported large ranches and dairy farms, which in turn helped support one of the largest cheese factories in the country. During the early twentieth century, the area's clay deposits supported a thriving new industry of brick and tile production that included companies such as Alberhill Coal and Clay Company, Pacific Clay Products Company, the Karl Martin Company, and Los Angeles Pressed Brick Company. Corona's status as a way station for travelers between Los Angeles and the outlying desert communities was dramatically altered in the mid-1910s when it became an internationally recognized road-racing draw. The popularity of racing in the city was based on Grand Boulevard, the one-mile diameter circular street that defined the city's central core. (Brown and Boyd 1922: 75, 165-67, 441-42, 459-463, 558-63; Mermilliod 2011: 12, 14.)

The growth of the Corona-area citrus industry propelled the development of the city's early industrial center along the railroad line that crosses the northern portion of Grand Boulevard. After the failure of the California Southern Railroad due to repeated floods in Temecula Canyon to the south, the Santa Fe took over the California Southern and rebuilt the regional line, which began serving Corona (then South Riverside) in 1887. Beginning in the late nineteenth century, citrus growers developed fruit and other food processing and shipping facilities (the Borden Milk Company facilities, for example) along the Santa Fe line that cuts through northern portion of the Grand Boulevard circle.

These facilities included the Corona Citrus Association packinghouse and the Corona Foothill Lemon Company (originally the Corona Lemon Company) complex. (Brown and Boyd 1922: 94-99; 556-57, Lancaster and Messecar 2006). Today, most of the citrus groves and mining operations have given way to housing, commercial, and light-industrial development, although the areas of Corona retain a rural feel.

Evaluation

Due to insufficient historic and architectural significance, the San Vallé Tile Kilns, Inc. facility at 1620 Magnolia Avenue does not appear to meet the criteria for listing on the California Register of Historical Resources (CRHR). The period of potential significance is 1965-66, the years during which the building was constructed.

Documents on file at the Building Department of the City of Corona indicate that the buildings on the subject property were constructed in 1965-66 at 13950 Magnolia Avenue for the San Vallé Tile Kilns, Inc., headed by Sam Greenbaum. The address of the property was later changed to 1620 Magnolia Avenue. (City of Corona Building Department 1965, 1966; City of Corona 1968.) (see continuation sheet 6)

***B10. Significance (cont.):**

Additional Building Department documentation and historic aerial images indicate that the southeast half of the larger building's southern L-shaped mass was added in the late 1970s (Donovan 1973; HistoricAerials.com 1948, 1967, 1980.) The property remained in the Greenbaum family into the 1980s. In 1988, Princeland Development Company acquired the property from Sam, Katherine, and Steven E. Greenbaum. (Riverside County Assessor 1988: Doc. No. 1988-181802.)

The San Vallé Tile Kilns, Inc. property is associated with clay extraction and tile and brick fabrication, which are important themes in the economic history of the Riverside County and the Corona area. However, the San Vallé Tile Kilns, Inc. facility at1620 Magnolia Avenue was developed decades after these industries were established in the region, and over a half century after tile became an important feature in twentieth-century southern California architecture with the rise of the Spanish Colonial Revival style. (Brown and Boyd 1922: 459-463; Gebhard 1967.) The property does not appear to be associated with important events in the history of Corona, Riverside County, the State of California, or the United States. It does not, therefore, appear to meet Criterion 1 for listing in the CRHR. Research revealed no evidence that Sam Greenbaum, members of his family, or any other individuals affiliated with San Vallé Tile Kilns, Inc. are important to local, state, or national history. The subject property does not, therefore, appear to meet Criterion 2 for listing in the CRHR.

The property's smaller brick-clad building and its larger metal-clad industrial building do not appear to have architectural significance. Research revealed no associations between these buildings and master architects or builders. Neither of the property's buildings embodies the distinctive characteristics of a type, period, or method of construction. Although the smaller building's exposed beams and rafters are representative of mid-century modern architecture, this building is a commonplace example of such architecture. The larger utilitarian industrial building is also a commonplace example of a large mid-to-late-twentieth-century industrial building. Neither of the property's buildings have high artistic value. The property as a whole does not, therefore, appear to be eligible for the CRHR under Criterion 3.

The buildings on this property do not appear to be significant as sources of important information regarding history. They do not appear to have any likelihood of yielding important information about historic construction materials or technologies. Therefore this property does not appear to be eligible for the CRHR under Criterion 4.

In summary, the former San Vallé Tile Kilns, Inc. property does not appear to meet the Criteria for listing on the CRHR. The property was evaluated in accordance with Section 15064.5(a) (2)-(3) of the CEQA Guidelines, using the criteria outlined in Section 5024.1 of the Public Resources Code, and determined not to be a historical resource for the purposes of CEQA (see continuation sheet 7)

Photographs (cont.):



Photograph 2. Smaller brick-clad building, northwest and northeast elevations, view to south



Photograph 3. Front of larger utilitarian building, smaller brick-clad building at rear left



Photograph 4. Larger utilitarian building, north office area on northeast side, view to south



Photograph 5. Larger utilitarian building, southern portion of northeast side, view to south



Photograph 6. South end of larger utilitarian building, view to northwest

***B12. References (cont.):**

City of Corona
1968 Notification of Change of Address for San Vallé Tile Kilns, Inc. Dated November 1968. On file at the City of Corona Building Department. Corona, California.

City of Corona Building Department
1965 Permit for Sewer Connection, 13950 Magnolia Avenue. December 10, 1965. On file at the City of Corona Building Department. Corona, California.

1966 Inspection approvals [13950 Magnolia Avenue]. Various Dates, Spring 1966. On file at the City of Corona Building Department. Corona, California.

Brown, John, Jr., and James Boyd
1922 *History of San Bernardino and Riverside Counties, Vol. 1.* The Lewis Publishing Company, Chicago, Illinois.

Donovan, D. E.
1973 Letter to San Vallé Tile Kilns, Inc., Regarding Proposed 2,880 Square Foot Building Addition. September 10, 1973. On file at the City of Corona Building Department. Corona, California.

Director of the National Park Service
2011 Announcements and Actions on Properties for the National Register of Historic Places, July 22, 2011. Accessed 20 September 2011. http://www.nps.gov/hr/listings/20110722.htm

Gebhard, David
1967 "The Spanish Colonial Revival in Southern California (1895-1930)." *Journal of the Society of Architectural Historians.* 26 (May, 1967): 131-147.

HistoricAerials.com
1948 View of 1620 Magnolia Avenue, Corona. HistoricAerials.com by NETR Online. Accessed August, 2012. http://www.historicaerials.com/

1967 View of 1620 Magnolia Avenue, Corona. HistoricAerials.com by NETR Online. Accessed August, 2012. http://www.historicaerials.com/

1980 View of 1620 Magnolia Avenue, Corona. HistoricAerials.com by NETR Online. Accessed August, 2012. http://www.historicaerials.com/

Hoover, Mildred Brooke, Hero Eugene Rensch, Ethel Grace Rensch, and William Abelow
2002 *Historic Spots in California*. Originally Published 1932. 5th Edition Revised by Douglas E. Kyle. Stanford University Press, Stanford, California.

Mermilliod, Jennifer
2011 National Register of Historic Places Nomination Form (#11000432) for Grand Boulevard Historic District , Corona, Riverside County, California. Prepared by Jennifer Mermilliod of JM Research & Consulting (JMRC), Riverside, California.

Riverside County Assessor-Recorder
1988 Grant Deed. Katherine Greenbaum, Steven E. Greenbaum, and Sam Greenbaum to Princeland Development Company. June 13, 1988. Document No. 1988-181802. On file at the Riverside County Assessor-Recorder's office. Riverside, California.

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 33-20206
HRI # _____
Trinomial _____
NRHP Status Code _____
Other Listings _____
Review Code _____ Reviewer _____ Date _____

 ***Resource Name or #** (Assigned by recorder) Riverside County APNs 107-060-008 & 107-060-009

P1. Other Identifier: 1620 Magnolia Avenue

***P2. Location:** ☐ **Not for Publication** ■ **Unrestricted** ***a. County** Riverside

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quad** Corona South **Date** 1967 (PR 1988) **T** 3S ; **R** 6W ; Unsectioned (El Sobrante de San Jacinto); SB **B.M.**

c. Address 1620 Magnolia Avenue City Corona Zip 92879

d. UTM: (give more than one for large and/or linear resources) Zone 11N; 450274 mE/ 3747863 mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The subject property is located at 1620 Magnolia Avenue, on two parcels totaling approximately 20 acres in eastern Corona south of SR 91 and east of I-15. The area around the property consists of a mix of mid-twentieth-century and more recent office buildings, warehouses, and industrial buildings and lots. Two buildings stand on the property.

The smaller of the two buildings is situated at the front of the property along Magnolia Avenue and appears to have originally served as a gate house or security check point. The asymmetrically arranged, rectangular-plan building has an offset, recessed entry and a side-gable roof. Covered in Spanish tile, the roof forms wide eave overhangs with exposed beams and rafters. The roof line projects outward to form a shelter running the length of the north elevation and a car port at the west elevation. Four-sided brick-clad columns support the shelter and carport. The building's walls are also clad in brick. Fenestration consists of aluminum slider windows and an aluminum frame single-leaf glass entry door (see continuation sheet).

***P3b. Resource Attributes:** (List attributes and codes) HP8. Industrial building

***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo: (View, date, accession #) Photograph 1: Northwest and northeast elevations, camera facing south, September 13, 2011

***P6. Date Constructed/Age and Sources:**
■ Historic ☐ Prehistoric ☐ Both
ca. 1960 (HistoricAerials.com 1948, 1967)

***P7. Owner and Address:**
Princeland Property, Inc.
26039 Acero, #101
Mission Viejo, CA 92691

***P8. Recorded by:** (Name, affiliation, address)
Tim Yates, ICF International
9775 Businesspark Avenue, Suite 200
San Diego, CA 92131

***P9. Date Recorded:** September 13, 2011

***P10. Survey Type:** (Describe)
Reconnaissance

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.") *Cultural Resources Inventory Report for the Proposed Circle City Substation Project, Riverside and San Bernardino Counties, California.* ICF International, 2011

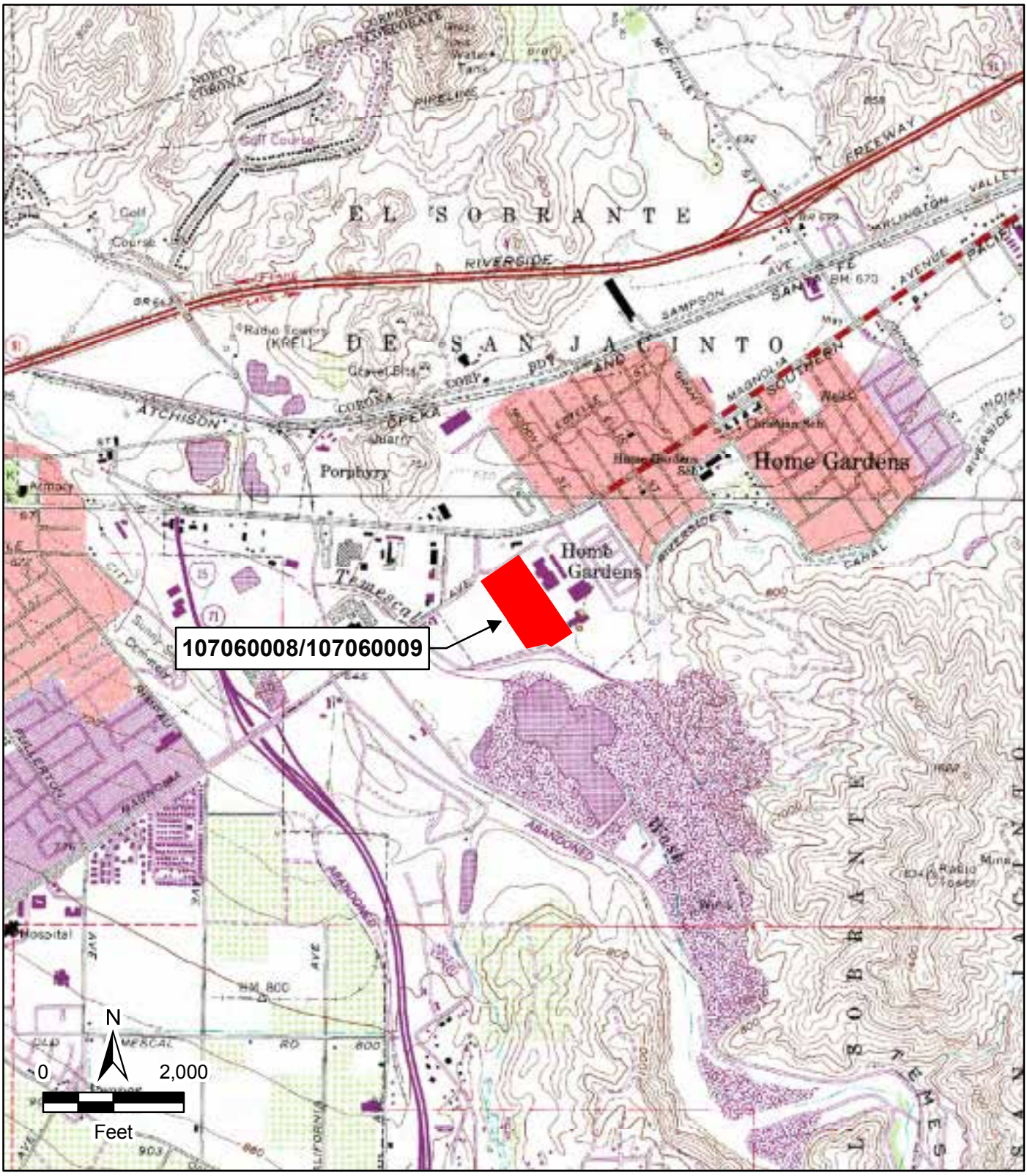
***Attachments:** NONE ■ Location Map ☐ Sketch Map ■ Continuation Sheet ☐ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record ☐ Other (list) _____

State of California - The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #: 33-20206
Trinomial: _____

Resource Name or #: APN 107060008/107060009

Map Name: Corona South **Scale:** 1:24,000 **Date of Map:** 1967 (Photorevised 1988)



Required information is bold

P3a. Description (continued)**:**

Occupying the length of the property southeast of the smaller building is a sprawling, irregular-plan utilitarian building measuring approximately 700 feet in length. The northern front of the building resembles a pole barn and has a low-pitch front-gable metal roof, metal siding, and a large rectangular space cut out of the roof. To the southeast, the building varies in width and has gabled corrugated metal roofs of varying height. A monitor runs the length of the roof ridge at the central portion of the building. Most of the building's walls appear to be sided in corrugated metal. A shed-roof mass with aluminum-frame windows projects from the northeast side of the building. A descending loading ramp is situated near the southwest side of the building opposite the shed roof mass. A narrow projection from the eastern rear of the building connects to a rectangular, gabled, and largely open-sided southerly wing with a corrugated metal roof.



Photograph 2: Northeast sides of the property's two buildings, camera facing southwest, September 13, 2011

State of California – The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 33-20207
HRI # _____
Trinomial _____
NRHP Status Code _____
Other Listings _____
Review Code _____ Reviewer _____ Date _____

 ***Resource Name or #** (Assigned by recorder) Riverside County APN 115-090-003

P1. Other Identifier: 1340-1350 E. 6th Street

***P2. Location:** ☐ **Not for Publication** ■ **Unrestricted** ***a. County** Riverside

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quad** Corona South **Date** 1967 (PR 1988) **T** 3S; **R** 6W; Unsectioned (El Sobrante de San Jacinto); SB **B.M.**

c. Address 1340-1350 E. 6th Street City Corona Zip 92879

d. UTM: (give more than one for large and/or linear resources) Zone 11N; 449850 mE/ 3748269 mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The subject property, which encompasses the addresses 1340-1350 E. 6th Street, is a three-acre parcel in eastern Corona, south of SR 91 and east of I-15. The area surrounding the property consists of a mix of mid-twentieth-century and more recent office and commercial buildings, warehouses, and industrial buildings and lots. Five buildings 45 years old or older stand on the property. One of these, a building located at the southeast corner of the parcel and associated with 1350 E. 6th Street, an equipment lot occupying the eastern portion of the property, could not be photographed. Four of the five building are located on the west side of the parcel amid blacktopped parking areas.

Located at the northwest corner of the property, 1340 E. 6th Street is a rectangular-plan, flat-roofed restaurant with brick-sided and concrete-block walls. The building's fenestration consists of fixed aluminum-frame windows and commercial-grade glass doors. A long patio cover projecting from the roof of the east-facing primary façade extends south of the building supported by metal posts. Steel railing outlines the patio area. A shed addition from the building's south elevation contains bathrooms (see continuation sheet).

***P3b. Resource Attributes:** (List attributes and codes) HP6. 1-3 story commercial building

***P4. Resources Present:** ■ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other (Isolates, etc.)



P5b. Description of Photo: (View, date, accession #) Photograph 1: restaurant, north-facing façade and east elevation, camera facing WSW, September 13, 2011

***P6. Date Constructed/Age and Sources:**
■ Historic ☐ Prehistoric ☐ Both
ca. 1950 - 1960 (HistoricAerials.com 1948, 1967)

***P7. Owner and Address:**
Roland Dopozo
2867 W. Polk Avenue
Anaheim, CA 92801

***P8. Recorded by:** (Name, affiliation, address)
Tim Yates, ICF International
9775 Businesspark Avenue, Suite 200
San Diego, CA 92131

***P9. Date Recorded:** September 13, 2011

***P10. Survey Type:** (Describe)
Reconnaissance

***P11. Report Citation:** (Cite survey report and other sources, or enter "none.") *Cultural Resources Inventory Report for the Proposed Circle City Substation Project, Riverside and San Bernardino Counties, California.* ICF International, 2011

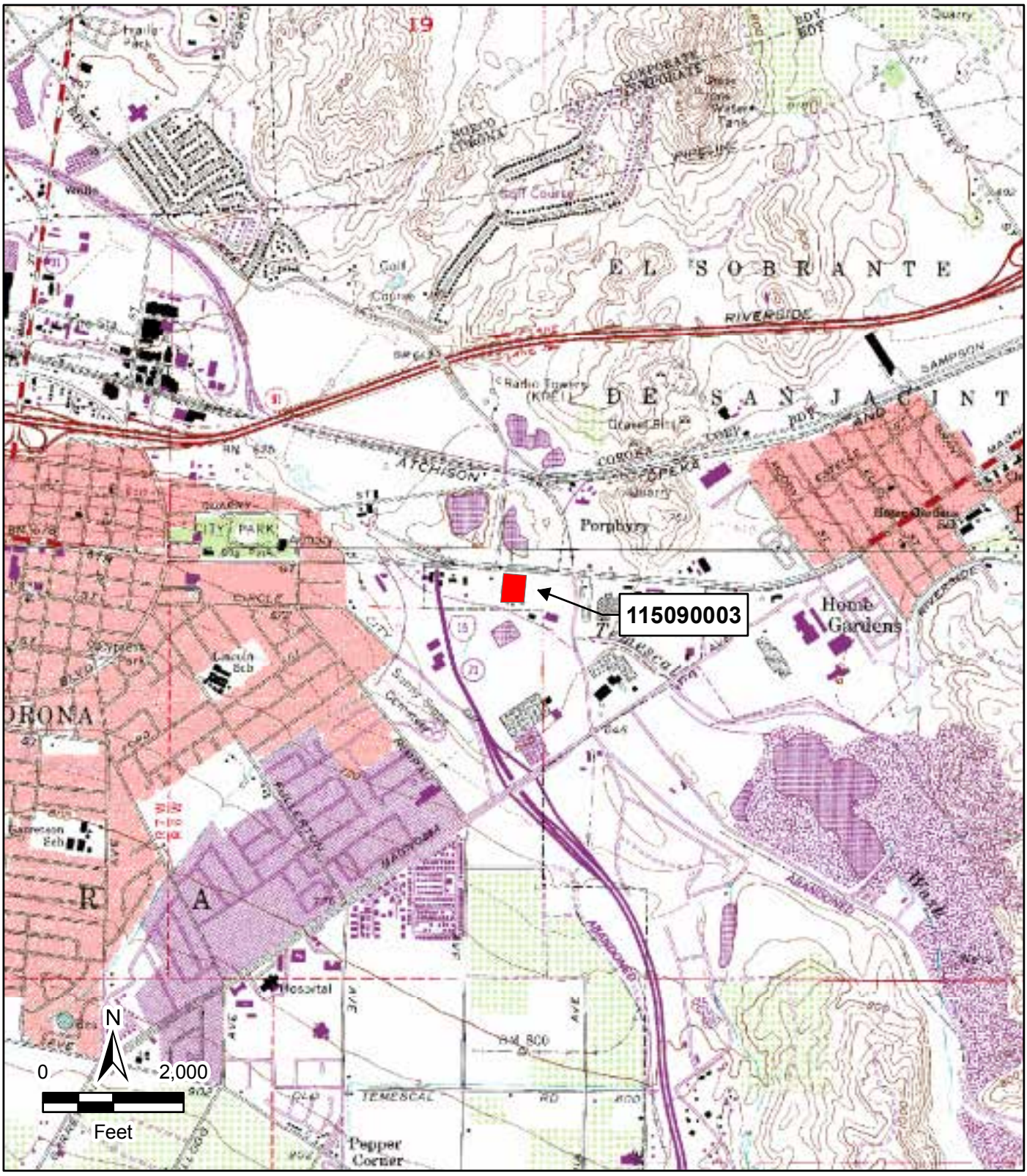
***Attachments:** NONE ■ Location Map ☐ Sketch Map ■ Continuation Sheet ☐ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record ☐ Other (list) _____

State of California - The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #: 33-20207
Trinomial:

Resource Name or #: APN 115090003

Map Name: Corona South **Scale:** 1:24,000 **Date of Map:** 1967 (Photorevised 1988)



Required information is bold

P3a. Description (continued)**:**

The three buildings south of the restaurant appear to share the address 1342 E. 6th Street. Situated immediately south of the restaurant is a single-story rectangular-plan office. The building's horizontality, asymmetrically arranged east-facing façade, and variegated siding reflect the influence of the Ranch style. The building is topped by a low-pitch cross-gable roof with composition shingles and wide eave overhangs. The gable end features exposed beams over clerestory windows and full-length façade windows. Decorative concrete-block walls screen portions of the façade and north elevation. Siding includes brick, fieldstone, and stucco. A carport projects to the east from the south end of the façade.

Two more buildings are located at the property's southwest corner. The westernmost of these is a square-plan utilitarian repair garage with concrete-block elevation walls, a side-gable roof, and a north-facing facade. The roof is covered in composition shingles. A shed addition projects from the west elevation. A steel-pole and corrugated-metal-roofed car port separates this building from another building to the east that appears to be an office or residence. The eastern of the two buildings has an extremely low-pitch (nearly flat) side-gable roof with minimal eave overhangs, and walls formed of concrete-blocks. Fenestration consists of aluminum- and wood-frame windows, and a centrally positioned wood entryway door. A shed addition extends from the west elevation.

Aerial views indicate that the building that could not be accessed is a shed-roofed utilitarian building with a large warehouse door at the north elevation and projecting shelter at the west elevation.



Photograph 2: Office building immediately south of restaurant, east-facing façade, camera facing west, September 13, 2011



Photograph 3: Repair garage, north-facing façade and east elevation, camera facing southwest, September 13, 2011



Photograph 4: Building 4, north-facing façade and west elevation, camera facing southeast, September 13, 2011

State of California — The Resources Agency **Primary #**
DEPARTMENT OF PARKS AND RECREATION **HRI #**

PRIMARY RECORD

Trinomial
NRHP Status Code

Other Listings
Review Code **Reviewer** **Date**

 ***Resource Name or #:** Riverside County APN 115-080-025

P1. Other Identifier: 1302 E. 6th Street

***P2. Location:** ☐ **Not for Publication** ■ **Unrestricted** ***a. County:** Riverside

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

***b. USGS 7.5' Quad:** Corona North **Date:** 1967 (PR 1981) **T**3S;**R**6W;**Sec** Unsectioned (El Sobrante de San Jacinto); SB **B.M.**

c. Address: 1302 E. 6th Street City: Corona, CA Zip: 92879

d. UTM: Zone: ; mE/ mN (G.P.S.)

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate) Elevation:

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

Located on the north side of the lot at E. 6th Street, the complex's animal hospital is a square-plan modern vernacular commercial building with concrete-block walls, a flat roof, and variegated finish on the north-facing façade (photograph 1). The east end of the main façade is formed of concrete-blocks and features a pattern of projecting and recessed blocks. To the west, under a flat shelter supported by deeply projecting roof beams, the façade finish incorporates stucco and spaced narrow vertical boards. Fenestration includes two fixed aluminum-frame windows fronted by spaced horizontal boards and a large four-pane fixed aluminum frame window at the west end, adjacent to what appears to be a solid veneered entry door under a matching veneered panel. A concrete-block wall topped with ironwork and featuring several steel lights with globe lamps separates the façade from the property's asphalt drive. A secondary entry with a solid veneered door and security screen is sheltered by a vinyl awning and flanked by small concrete-block walls at the center of the west elevation. The rear (south) elevation has several small windows covered by security bars and a centrally positioned commercial-grade entry door (see continuation sheet).

***P3b. Resource Attributes:** HP6. 1-3 story commercial building

***P4. Resources Present:** ■ Building ☐Structure ☐Object ☐Site ☐District ☐Element of District ☐Other (Isolates, etc.)



P5b. Description of Photo: (View, date, accession #) Photograph 1. Vernacular modern commercial building at front of property, north-facing façade and west elevation, view to southeast

***P6. Date Constructed/Age and Sources:**
■Historic ☐Prehistoric ☐Both
ca. 1963 (HistoricAerials.com)

***P7. Owner and Address:**
Bruce & Doyun Choi
1302 E. 6th Street
Corona, CA 92879

***P8. Recorded by:**
Tim Yates, ICF International
9775 Businesspark Avenue, Suite 200
San Diego, CA 92131

***P9. Date Recorded:** July 24, 2012

***P10. Survey Type:** Reconnaissance

***P11. Report Citation:** Addendum 1. Proposed Circle City Substation and Mira Loma-Jefferson Subtransmission Line Project (ICF 00647.11), Riverside and San Bernardino Counties, California. Prepared for Southern California Edison. ICF International, 2012

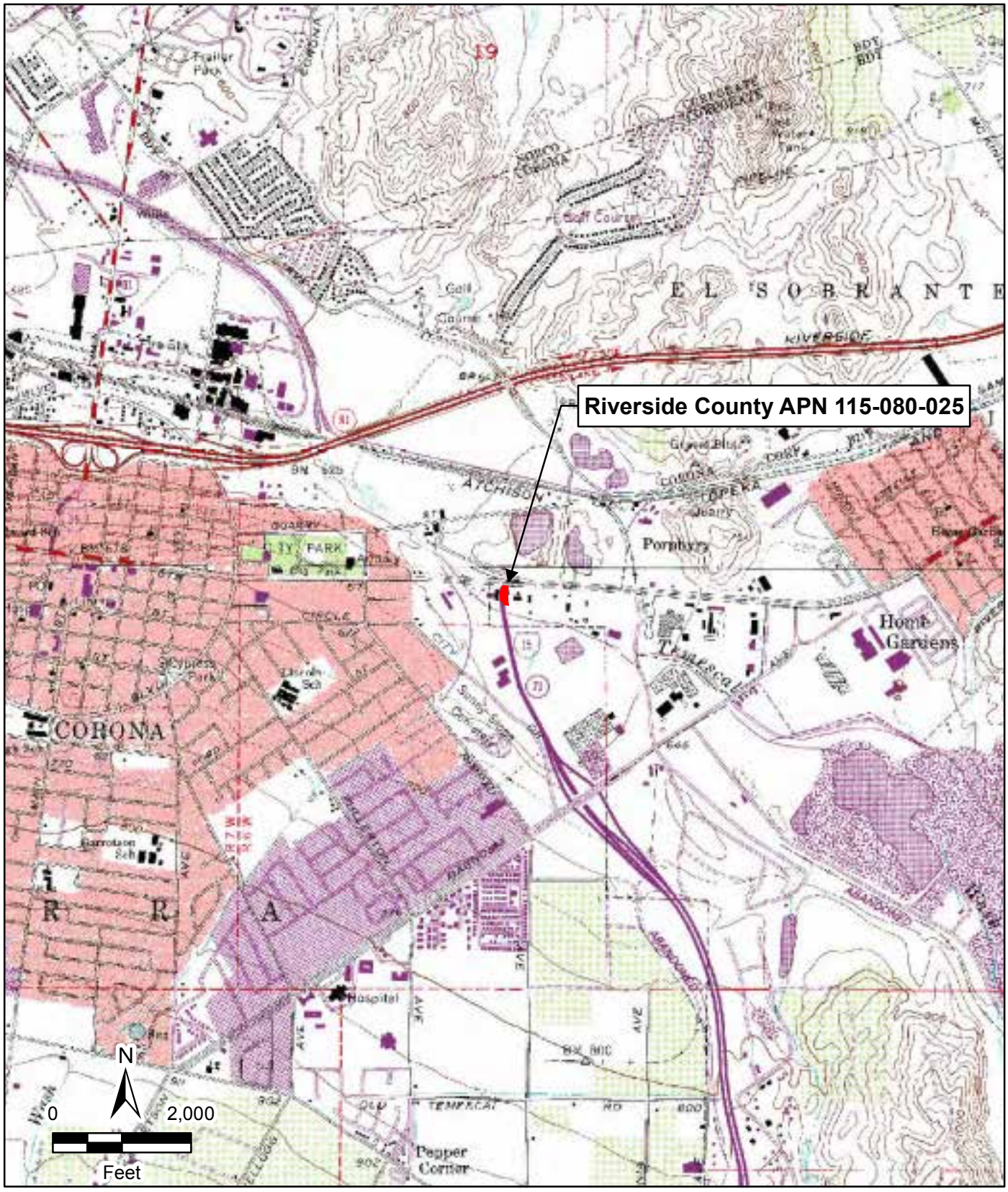
***Attachments:** ☐NONE ■Location Map ☐Sketch Map ■ Continuation Sheet ☐Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐ Other (List):

State of California - The Resource Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #: _____
Trinomial: _____

Resource Name or #: Riverside County APN 115-080-025

Map Name: Corona South, California **Scale:** 1:24,000 **Date of Map:** 1967 (Photorevised 1988)



Required information is bold

***P3a. Description (cont.):**

Southwest of the main building is a rectangular-plan Ranch style building with a north-facing façade and Storybook style elements such as overlapping vertical-board wall cladding, wood-frame windows with diamond-shaped grids, and a cross-gable roof covered in wood shingles and forming broadly overhanging eaves with exposed rafter tails (photograph 2). More Storybook features include scalloped bargeboard and scalloped horizontal cornice boards on the enclosed east-facing gable and the small window pediment gables projecting from the main façade, as well as scalloped window-sill decoration and faux two-leaf doors with louvers on each side of the building's centered commercial-grade solid entry door. The property's southernmost building, a pet motel, has a cross-shaped plan, a cross-gabled roof covered in composition material, and stucco wall cladding (photograph 3). The west-facing entrance consists of a solid door fronted by a security screen and flanked by aluminum-frame windows with faux shutters and security bars. Two waist-high stucco-clad walls project outward from each side of the entry. Stucco-clad perimeter walls surround the building. Slightly angled, corrugated-metal covers extend from the west and east perimeter walls toward the building to shelter rows of kennels.

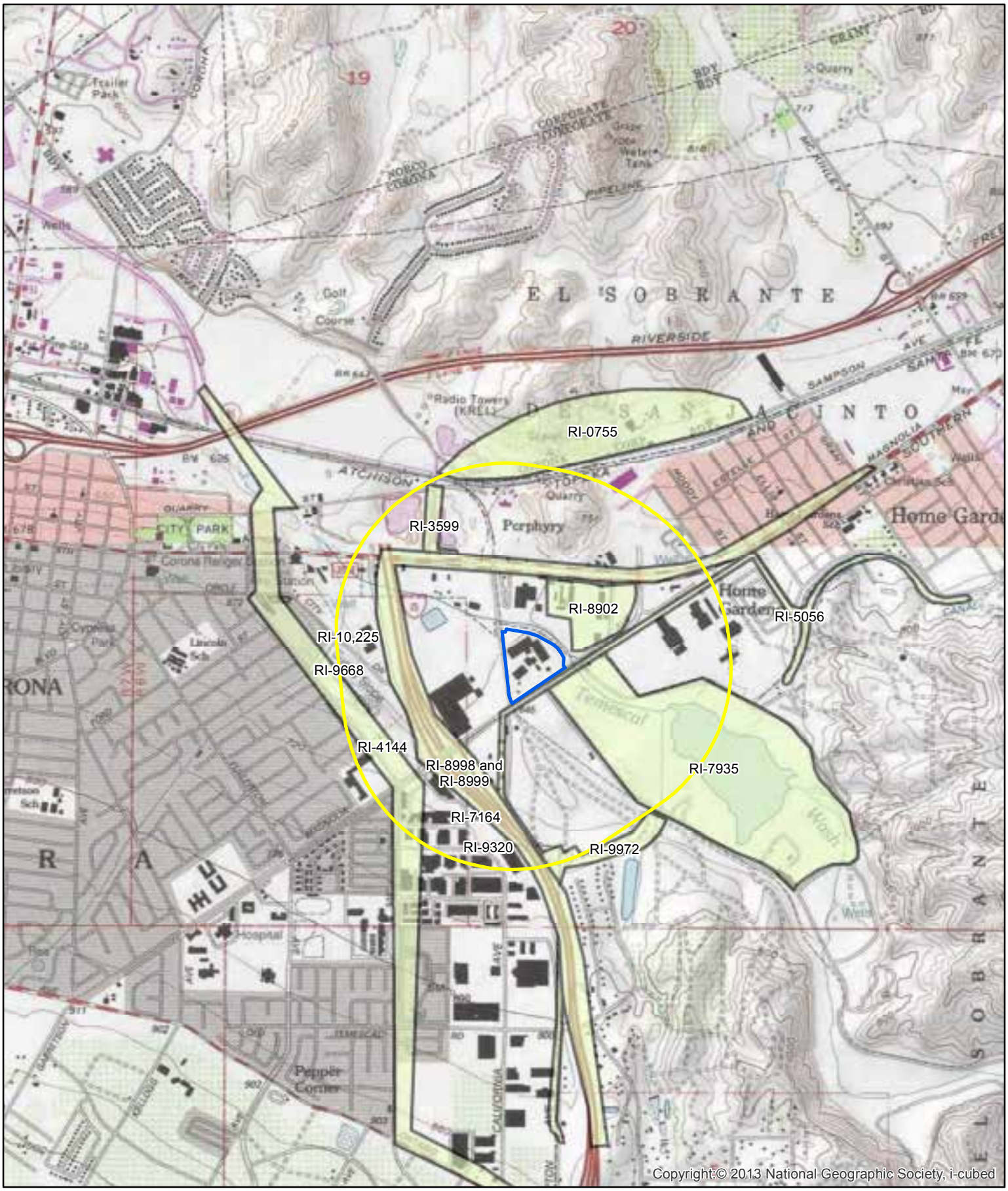
Photographs (cont.):



Photograph 2. Ranch and Storybook style building, north and east elevations, view south



Photograph 3. Southern building (pet motel), north and west elevations, view to south-southeast



Project
Half Mile Radius
Reports

Corona Magnolia (22-028)
Reports Map
USGS *Corona North* and *Corona South* Quadrangles
(7.5-minute series)

N

1:24,000

AJG BFSA: 2/10/2022

Reports

ReportNum	OtherIDs	Authors	CitYear	CitTitle	CitPublisher	Resources
RI-00755	NADB-R - 1080805; Voided - MF-0675	Marie Cottrel	1980	Archaeological Resources Conducted for the Corona Assessment District Environmental Impact Report	Archaeological Resource Management Corporation, Garden Grove, CA	33-000808, 33-001437, 33-001438, 33-001439, 33-001440, 33-001653, 33-001654
RI-03599	NADB-R - 1084317; Submitter - 93-7; Voided - MF-3872	SEYMOUR, GREGORY R.	1993	AN ARCHAEOLOGICAL SURVEY FOR THE HOME GARDENS SANITARY DISTRICT INITIAL STUDY IN CORONA, RIVERSIDE COUNTY, CALIFORNIA.	SWCA ENVIRONMENTAL CONSULTANTS	
RI-04144	NADB-R - 1085336; Submitter - 324; Voided - MF-4620	LOVE, BRUCE and BAI "TOM" TANG	1998	CULTURAL RESOURCES REPORT: TEMESCAL VALLEY REGIONAL INTERCEPTOR, SANTA ANA WATERSHED PROJECT AUTHORITY, RIVERSIDE COUNTY, CALIFORNIA	CRM TECH	33-000100, 33-000630, 33-001099, 33-003832, 33-004112
RI-05056	NADB-R - 1086418; Submitter - 01-02-03-708	MCKENNA ET AL.	2003	A PHASE I CULTURAL RESOURCES INVESTIGATION FOR THE PROPOSED CORONA FEEDER MASTER PLAN PROJECT AREA, RIVERSIDE COUNTY, CALIFORNIA	MCKENNA ET AL	33-003832, 33-004768, 33-004791, 33-009774
RI-07164		Curt Duke	2002	Cultural Resource Assessment for Cingular Wireless Facility No. SB 210-02 in Riverside County, California	LSA Associates, Inc.	
RI-07935		Demcak, Carol R.	2008	Report of Phase I Archaeological Resources Assessment of 150-Acre Parcel in Corona, Riverside County, California	Archaeological Resource Management Corporation	33-017132, 33-017133
RI-08902		Josh Smallwood	2012	Cultural Resources Report for the Proposed Magnolia Point Project, SW Corner 6th Street and Magnolia Avenue in Corona, Riverside County, California. Assessor's Parcel Nos. 107-030-003, -014, -015, -018, -019, -020, -024, and -027	Applied EarthWorks, Inc.	33-020201
RI-08988	Caltrans - EA: 0F540, PM ORE-91-R14.43/R18.91; RIV-91R0.00/R13.04; RIV-15-35.64/45.14	Susan L. Bupp	2013	Supplemental Archaeological Survey Report For SR-91Corridor Improvement Project, City Of Corona, Riverside County, California, California Department Of Transportation, District 8	Parsons, California Department of Transportation, District 8	

Reports

ReportNum	OtherIDs	Authors	CitYear	CitTitle	CitPublisher	Resources
RI-08989	Caltrans - EA: 0F540 PM ORA-91-R14.43/RI18.91 ; RIV-91-R0.00/R13.04	Carrie Chasteen	2013	Supplemental Finding Of No Adverse Effect Report For SR-91 Corridor Improvement Project, City Of Corona, Riverside County, California, California Department Of Transportation, District 8	Parsons	
RI-09320		Carrie D. Wills	2014	Cultural Resources Records Search and Site Visit Results for Verizon Wireless Candidate 'California', 1180 California Avenue, Corona, Riverside County, California.	First Carbon Solutions	
RI-09668	Other - Barth II Cultural Report	Sarah A. Williams	2016	Cultural Resource Records Search and Site Visits Results for Cellco Partnership and their Controlled Affliates doing business as Verizon Wireless Candidate 'Barth II', 1512 Circle Drive, Corona, Riverside County, California	Helix Environmental Planning Inc.	
RI-09972		Ryan Ross, Leslie Nay Irish, and Barbara Loren-Webb	2014	Biological & Cultural Investigations & Monitoring	L&L	
RI-10225		Phil Fulton and Casey Tibbet	2015	Cultural Resource Assessment Class I Inventory	LSA	

APPENDIX

B LABORATORY REPORTS

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 451402
Report Level: II
Report Date: 10/11/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - Clow - 1375 Magnolia Ave

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	451402
Project No:	CLOW
Location:	Clow - 1375 Magnolia Ave
Date Received:	10/04/21

Sample ID	Lab ID	Collected	Matrix
S-1-1	451402-001	10/04/21 08:40	Soil
S-1-3	451402-002	10/04/21 09:09	Soil
S-1-5	451402-003	10/04/21 09:30	Soil
S-2-1	451402-004	10/04/21 10:10	Soil
S-2-3	451402-005	10/04/21 10:15	Soil
S-2-5	451402-006	10/04/21 10:30	Soil
S-3-1	451402-007	10/04/21 10:58	Soil
S-3-3	451402-008	10/04/21 11:08	Soil
S-3-5	451402-009	10/04/21 11:32	Soil
S-4-1	451402-010	10/04/21 12:04	Soil
S-4-3	451402-011	10/04/21 12:20	Soil
S-4-5	451402-012	10/04/21 12:36	Soil
S-5-1	451402-013	10/04/21 13:01	Soil
S-6-1	451402-014	10/04/21 13:56	Soil
S-6-3	451402-015	10/04/21 14:06	Soil
S-6-5	451402-016	10/04/21 14:18	Soil

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 451402 Project No: CLOW Location: Clow - 1375 Magnolia Ave Date Received: 10/04/21

This data package contains sample and QC results for sixteen soil samples, requested for the above referenced project on 10/04/21. The samples were received cold and intact.

PCBs (EPA 8082):

High surrogate recoveries were observed for decachlorobiphenyl (PCB surrogate) in many samples. S-3-1 (lab # 451402-007) was diluted due to the dark and viscous nature of the sample extract. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 451402

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard: X | 5 Day: | 3 Day: | Custom (Q1): X

2 Day: | 1 Day:

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SPA = Spot Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (Lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EAR051921
Report to:	Becky Sundilson	Proj. Name:	Glow
Email:	BSundilson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd	PO #:	
	Suite 200 Orange CA	Address:	1375 Magnolia Ave.
Phone:	(714) 321-8626	Global ID:	
Fax:		Sampled By:	LML

Analysis Request: 8082-PCBs - Soxhlet

Test Instructions / Comments: 48hr TAT if possible otherwise 72hr. See Dan or Patty

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1	S-1-1	10/04/21	0840	S	1/4oz	—
2	S-1-3	10/04/21	0909	S	1/4oz	—
3	S-1-5	10/04/21	0930	S	1/4oz	—
4	S-2-1	10/04/21	1010	S	1/4oz	—
5	S-2-3	10/04/21	1015	S	1/4oz	—
6	S-2-5	10/04/21	1030	S	1/4oz	—
7	S-3-1	10/04/21	1058	S	1/4oz	—
8	S-3-3	10/04/21	1108	S	1/4oz	—
9	S-3-5	10/04/21	1132	S	1/4oz	—
10						

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	L Langer	Lindsay Langer	Earthcon / Staff Scientist	10/4/21 1545
1 Received By:		for Dan		10/4/21 1545
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

G.Y / I 4

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 47/402

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	X
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

531 W Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water Sw = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #	ERP051921
Report To:	Becky Sundilson	Proj. Name:	Claw
E-mail:	BSundilson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd	P.O. #:	
	Suite 200 Orange, CA	Address:	1375 Magnolia Ave,
Phone:	(714) 321-8020	Global ID:	
Fax:		Sampled By:	LML

Analysis Request: 8082 PCBs Soxhlet

Test Instructions / Comments: 48hr TAT if possible otherwise 7anour see Dan or Patty

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1	S-4-1	10/04/21	1204	S	1 1402	—
2	S-4-3	10/04/21	1220	S	1 1402	—
3	S-4-5	10/04/21	1230	S	1 1402	—
4	S-5-1	10/04/21	1301	S	1 1402	—
5	S-6-1	10/04/21	1350	S	1 1402	—
6	S-6-3	10/04/21	1400	S	1 1402	—
7	S-6-5	10/04/21	1418	S	1 1402	—
8						
9						
10						

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Lindsey Langer	Earthcon/Staff Scientist	10/4/21 1945
1 Received By:		Fedex		10/4/21 1545
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: EARTH CON CONSULTANTS Project: CLOSE

Date Received: 10/4/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 3) Sample Temp (°C) the Cooler: 5

Sample Temp (°C), One from each cooler: #1: 5 V #2: #3: #4:

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information:

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other

Cooler Temp (°C): #1: 1.9 #2: #3: #4:

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: Date/Time:

☐ Email (email sent to/on): /

Project Manager's response.

Completed By: Date: 10/4/21

Enthalpy Analytical, a wholly owned subsidiary of Montrose Environmental Group, Inc.
931 W. Barkley Ave, Orange, CA 92868 • T: (714) 771-6900 • F: (714) 538-1209
www.enthalpy.com/orange

ENTHALPY ANALYTICAL

Analysis Results for 451402

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 451402
Project No: CLOW
Location: Clow - 1375 Magnolia Ave
Date Received: 10/04/21

Sample ID: S-1-1 **Lab ID: 451402-001** **Collected: 10/04/21 08:40**
Matrix: Soil

451402-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	2,500	25	275139	10/04/21	10/07/21	MTS
Aroclor-1221	ND		ug/Kg	1,200	25	275139	10/04/21	10/07/21	MTS
Aroclor-1232	ND		ug/Kg	1,200	25	275139	10/04/21	10/07/21	MTS
Aroclor-1242	ND		ug/Kg	1,200	25	275139	10/04/21	10/07/21	MTS
Aroclor-1248	**36,000**		ug/Kg	9,900	200	275139	10/04/21	10/11/21	TRN
Aroclor-1254	**18,000**		ug/Kg	9,900	200	275139	10/04/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	1,200	25	275139	10/04/21	10/07/21	MTS
Aroclor-1262	ND		ug/Kg	1,200	25	275139	10/04/21	10/07/21	MTS
Aroclor-1268	ND		ug/Kg	1,200	25	275139	10/04/21	10/07/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	171%	*	%REC	19-121	25	275139	10/04/21	10/07/21	MTS

Sample ID: S-1-3 **Lab ID: 451402-002** **Collected: 10/04/21 09:09**
Matrix: Soil

451402-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	500	5	275139	10/04/21	10/07/21	MTS
Aroclor-1221	ND		ug/Kg	250	5	275139	10/04/21	10/07/21	MTS
Aroclor-1232	ND		ug/Kg	250	5	275139	10/04/21	10/07/21	MTS
Aroclor-1242	ND		ug/Kg	250	5	275139	10/04/21	10/07/21	MTS
Aroclor-1248	**1,800**		ug/Kg	500	10	275139	10/04/21	10/11/21	TRN
Aroclor-1254	**1,500**		ug/Kg	500	10	275139	10/04/21	10/08/21	TRN
Aroclor-1260	**2,400**		ug/Kg	250	5	275139	10/04/21	10/07/21	MTS
Aroclor-1262	ND		ug/Kg	250	5	275139	10/04/21	10/07/21	MTS
Aroclor-1268	ND		ug/Kg	250	5	275139	10/04/21	10/07/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	107%		%REC	19-121	5	275139	10/04/21	10/07/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451402

Sample ID: S-1-5	Lab ID: 451402-003	Collected: 10/04/21 09:30
	Matrix: Soil	

451402-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	5,000	50	275139	10/04/21	10/07/21	MTS
Aroclor-1221	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1232	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1242	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1248	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1254	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1260	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1262	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1268	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	206%	*	%REC	19-121	50	275139	10/04/21	10/07/21	MTS

Sample ID: S-2-1	Lab ID: 451402-004	Collected: 10/04/21 10:10
	Matrix: Soil	

451402-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	4,900	49	275139	10/04/21	10/07/21	MTS
Aroclor-1221	ND		ug/Kg	2,500	49	275139	10/04/21	10/07/21	MTS
Aroclor-1232	ND		ug/Kg	2,500	49	275139	10/04/21	10/07/21	MTS
Aroclor-1242	ND		ug/Kg	2,500	49	275139	10/04/21	10/07/21	MTS
Aroclor-1248	**21,000**		ug/Kg	4,900	98	275139	10/04/21	10/11/21	TRN
Aroclor-1254	**14,000**		ug/Kg	4,900	98	275139	10/04/21	10/08/21	TRN
Aroclor-1260	**6,100**		ug/Kg	4,900	98	275139	10/04/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	2,500	49	275139	10/04/21	10/07/21	MTS
Aroclor-1268	ND		ug/Kg	2,500	49	275139	10/04/21	10/07/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	287%	*	%REC	19-121	49	275139	10/04/21	10/07/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451402

Sample ID: S-2-3	Lab ID: 451402-005	Collected: 10/04/21 10:15
	Matrix: Soil	

451402-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	5,000	50	275139	10/04/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1248	**20,000**		ug/Kg	5,000	100	275139	10/04/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1260	**3,600**		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	123%	*	%REC	19-121	50	275139	10/04/21	10/08/21	TRN

Sample ID: S-2-5	Lab ID: 451402-006	Collected: 10/04/21 10:30
	Matrix: Soil	

451402-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	5,000	50	275139	10/04/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1248	**19,000**		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1260	**3,800**		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	94%		%REC	19-121	50	275139	10/04/21	10/11/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451402

Sample ID: S-3-1	Lab ID: 451402-007	Collected: 10/04/21 10:58
	Matrix: Soil	

451402-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	5,000	50	275139	10/04/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	133%	*	%REC	19-121	50	275139	10/04/21	10/08/21	TRN

Sample ID: S-3-3	Lab ID: 451402-008	Collected: 10/04/21 11:08
	Matrix: Soil	

451402-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	5,000	50	275139	10/04/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	92%		%REC	19-121	50	275139	10/04/21	10/08/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451402

Sample ID: S-3-5	Lab ID: 451402-009	Collected: 10/04/21 11:32
	Matrix: Soil	

451402-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	98	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	77%		%REC	19-121	0.98	275243	10/05/21	10/08/21	TRN

Sample ID: S-4-1	Lab ID: 451402-010	Collected: 10/04/21 12:04
	Matrix: Soil	

451402-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1260	**150**		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	98%		%REC	19-121	2	275243	10/05/21	10/08/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451402

Sample ID: S-4-3	Lab ID: 451402-011	Collected: 10/04/21 12:20
	Matrix: Soil	

451402-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	98	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	70%		%REC	19-121	0.98	275243	10/05/21	10/08/21	TRN

Sample ID: S-4-5	Lab ID: 451402-012	Collected: 10/04/21 12:36
	Matrix: Soil	

451402-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	79%		%REC	19-121	1	275243	10/05/21	10/08/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451402

Sample ID: S-5-1	Lab ID: 451402-013	Collected: 10/04/21 13:01
	Matrix: Soil	

451402-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	98	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	77%		%REC	19-121	0.98	275243	10/05/21	10/08/21	TRN

Sample ID: S-6-1	Lab ID: 451402-014	Collected: 10/04/21 13:56
	Matrix: Soil	

451402-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	60%		%REC	19-121	1	275243	10/05/21	10/08/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451402

Sample ID: S-6-3	Lab ID: 451402-015	Collected: 10/04/21 14:06
	Matrix: Soil	

451402-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	82%		%REC	19-121	1	275243	10/05/21	10/08/21	TRN

Sample ID: S-6-5	Lab ID: 451402-016	Collected: 10/04/21 14:18
	Matrix: Soil	

451402-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	78%		%REC	19-121	1	275243	10/05/21	10/08/21	TRN

* Value is outside QC limits
ND Not Detected

Results for any subcontracted analyses are not included in this section.

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Batch QC

Type: Blank	**Lab ID: QC947255**	**Batch: 275139**
Matrix: Miscell.	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947255 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	99	10/04/21	10/04/21
Aroclor-1221	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1232	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1242	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1248	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1254	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1260	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1262	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1268	ND		ug/Kg	50	10/04/21	10/04/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	102%		%REC	19-121	10/04/21	10/04/21

Type: Lab Control Sample	**Lab ID: QC947256**	**Batch: 275139**
Matrix: Miscell.	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947256 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	441.8	505.1	ug/Kg	87%		14-150
Aroclor-1260	433.0	505.1	ug/Kg	86%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	49.91	50.51	ug/Kg	99%		19-121

Type: Lab Control Sample Duplicate	**Lab ID: QC947257**	**Batch: 275139**
Matrix: Miscell.	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947257 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Aroclor-1016	466.0	495.0	ug/Kg	94%		14-150	7	20
Aroclor-1260	455.3	495.0	ug/Kg	92%		10-150	7	20
Surrogates								
Decachlorobiphenyl (PCB)	51.28	49.50	ug/Kg	104%		19-121		

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Batch QC

Type: Blank	**Lab ID: QC947565**	**Batch: 275243**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947565 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	99	10/05/21	10/08/21
Aroclor-1221	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1232	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1242	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1248	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1254	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1260	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1262	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1268	ND		ug/Kg	50	10/05/21	10/08/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	76%		%REC	19-121	10/05/21	10/08/21

Type: Lab Control Sample	**Lab ID: QC947566**	**Batch: 275243**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947566 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	320.8	495.0	ug/Kg	65%		14-150
Aroclor-1260	330.2	495.0	ug/Kg	67%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	36.37	49.50	ug/Kg	73%		19-121

Type: Lab Control Sample Duplicate	**Lab ID: QC947567**	**Batch: 275243**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947567 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Aroclor-1016	319.7	495.0	ug/Kg	65%		14-150	0	20
Aroclor-1260	335.5	495.0	ug/Kg	68%		10-150	2	20
Surrogates								
Decachlorobiphenyl (PCB)	38.28	49.50	ug/Kg	77%		19-121		

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 451564
Report Level: II
Report Date: 10/12/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - CLOW - EAR051921

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

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Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	451564
Project No:	CLOW
Location:	CLOW - EAR051921
Date Received:	10/06/21

Sample ID	Lab ID	Collected	Matrix
S-7-1	451564-001	10/05/21 07:40	Soil
S-8-1	451564-002	10/05/21 08:12	Soil
S-8-3	451564-003	10/05/21 08:23	Soil
S-8-5	451564-004	10/05/21 09:25	Soil
S-9-1	451564-005	10/05/21 09:53	Soil
S-9-3	451564-006	10/05/21 10:16	Soil
S-9-5	451564-007	10/05/21 10:42	Soil
S-10-1	451564-008	10/05/21 11:28	Soil
S-11-1	451564-009	10/05/21 14:30	Soil
S-11-3	451564-010	10/05/21 14:30	Soil
S-11-5	451564-011	10/05/21 14:52	Soil
S-12-1	451564-012	10/05/21 15:20	Soil
S-12-3	451564-013	10/05/21 15:35	Soil
S-12-5	451564-014	10/05/21 16:12	Soil

Case Narrative

EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868
Becky Sundilson

Lab Job Number: 451564
Project No: CLOW
Location: CLOW - EAR051921
Date Received: 10/06/21

This data package contains sample and QC results for fourteen soil samples, requested for the above referenced project on 10/06/21. The samples were received cold and intact.

PCBs (EPA 8082):

S-12-1 (lab # 451564-012) was diluted due to the color of the sample extract. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 451569

Page 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	X
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air, SS = Soil/Solid, W = Water, DW = Drinking Water, SD = Sediment, PP = Pure Product, SEA = Sea Water, SW = Swab, T = Tissue, WP = Wipe, O = Other

Preservatives: $Na_2S_2O_3$ / = HCl, 3 = HNO_3, 4 = H_2SO_4, 5 = NaOH, 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Partincon Consultants	Quote #:	EAR051921
Report To:	Becky Sundilson	Proj. Name:	Diaw
Email:	BSundilson@partincon.com	Proj. #:	
Address:	1100 Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address:	1375 Magnolia Ave
Phone:	(714) 321-8686	Global ID:	
Fax:		Sampled By:	WL

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 GRO - Soxhlet	Test Instructions / Comments
1	S-7-1	10/05/21	0740	S	1/40z	—	X	48hr TAT if possible otherwise 7dhr. See Dan or Patty
2	S-8-1	10/05/21	0810	S	1/40z	—	X	
3	S-8-3	10/05/21	0823	S	1/40z	—	X	
4	S-8-5	10/05/21	0925	S	1/40z	—	X	
5	S-9-1	10/05/21	0953	S	1/40z	—	X	
6	S-9-3	10/05/21	1010	S	1/40z	—	X	
7	S-9-5	10/05/21	1042	S	1/40z	—	X	
8	S-10-1	10/05/21	1108	S	1/40z	—	X	
9	S-11-1	10/05/21	1313	S	1/40z	—	X	
10	S-11-1	10/05/21	1430	S	1/40z	—	X	

	Signature	Print Name	Company / Title	Date / Time
Relinquished By:		Lindsey Langer	Partincon Staff Scientist	10/06/21 1416
Received By:		E.A.	E.A.	10/06/21 14:16
2 Relinquished By:				
2 Received By:				
1 Relinquished By:				
1 Received By:				

EA 2.9

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Chain of Custody Record

Lab No: 45/1564

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:	X	1 Day:		Custom TAT:	X

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (Lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EAR091921
Report To	Becky Sundtson	Proj. Name:	Chow
Email:	bSundtson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address	1315 Magnolia Ave
Phone:	(714) 321-8616	Global ID:	
Fax:		Sampled By:	UML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 - PCBs Soil/Oil	Test Instructions / Comments
1	S-11-3	10/05/21	1430	S	1 / 4oz	—	X	48hr TAT if possible otherwise 72hr. See Dan or Patty
2	S-11-5	10/05/21	1452	S	1 / 4oz	—	X	
3	S-12-1	10/05/21	1520	S	1 / 4oz	—	X	
4	S-12-3	10/05/21	1536	S	1 / 4oz	—	X	
5	S-12-5	10/05/21	1612	S	1 / 4oz	—	X	
6								
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	L Ranger	Lindsey Ranger	Earthcon/Staff Scientist	10/06/21 1416
1 Received By:	Yesenia Ghosta	Geonet Courier	E.A.	10/06/21 14:16
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: Clow

Date Received: 10/06/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 3) Sample Temp (°C, No Cooler):

Sample Temp (°C), One from each cooler: #1: 5.0 #2: #3: #4:

(Acceptance range is 0°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information:

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other

Cooler Temp (°C): #1: 2.9 #2: #3: #4:

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Water seen in Sample jars: 2,8,6,11,12. Time on the jar for sample 10 is 14:40.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal (Initials: Date/Time:) ☑ Email ("e-mail" sent to/on): PAM / 10/6/21

Project Manager's response:

Completed By: Date: 10/06/21

ENTHALPY ANALYTICAL

Analysis Results for 451564

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 451564
Project No: CLOW
Location: CLOW - EAR051921
Date Received: 10/06/21

Sample ID: S-7-1 **Lab ID: 451564-001** **Collected: 10/05/21 07:40**
Matrix: Soil

451564-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	62%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Sample ID: S-8-1 **Lab ID: 451564-002** **Collected: 10/05/21 08:12**
Matrix: Soil

451564-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	67%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451564

Sample ID: S-8-3	Lab ID: 451564-003	Collected: 10/05/21 08:23
	Matrix: Soil	

451564-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	67%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Sample ID: S-8-5	Lab ID: 451564-004	Collected: 10/05/21 09:25
	Matrix: Soil	

451564-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	70%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 451564

Sample ID: S-9-1	Lab ID: 451564-005	Collected: 10/05/21 09:53
	Matrix: Soil	

451564-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	5,000	50	275374	10/07/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1248	**26,000**		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1260	**23,000**		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	93%		%REC	19-121	50	275374	10/07/21	10/11/21	TRN

Sample ID: S-9-3	Lab ID: 451564-006	Collected: 10/05/21 10:16
	Matrix: Soil	

451564-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	**310**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	**370**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	34%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451564

Sample ID: S-9-5	Lab ID: 451564-007	Collected: 10/05/21 10:42
	Matrix: Soil	

451564-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	**83**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	**71**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	64%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Sample ID: S-10-1	Lab ID: 451564-008	Collected: 10/05/21 11:28
	Matrix: Soil	

451564-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	10,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1248	**49,000**		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1260	**16,000**		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	100	275374	10/07/21	10/11/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451564

Sample ID: S-11-1	Lab ID: 451564-009	Collected: 10/05/21 14:30
	Matrix: Soil	

451564-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	20,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1248	**110,000**		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1260	**32,000**		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	200	275374	10/07/21	10/11/21	TRN

Sample ID: S-11-3	Lab ID: 451564-010	Collected: 10/05/21 14:30
	Matrix: Soil	

451564-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	**70**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	66%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451564

Sample ID: S-11-5	Lab ID: 451564-011	Collected: 10/05/21 14:52
	Matrix: Soil	

451564-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	**230**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	**110**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	58%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Sample ID: S-12-1	Lab ID: 451564-012	Collected: 10/05/21 15:20
	Matrix: Soil	

451564-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275374	10/07/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1248	**300**		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	70%		%REC	19-121	2	275374	10/07/21	10/08/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451564

Sample ID: S-12-3	Lab ID: 451564-013	Collected: 10/05/21 15:35
	Matrix: Soil	

451564-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	64%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Sample ID: S-12-5	Lab ID: 451564-014	Collected: 10/05/21 16:12
	Matrix: Soil	

451564-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	66%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

DO Diluted Out
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC947944**	**Batch: 275374**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947944 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/07/21	10/08/21
Aroclor-1221	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1232	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1242	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1248	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1254	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1260	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1262	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1268	ND		ug/Kg	50	10/07/21	10/08/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	68%		%REC	19-121	10/07/21	10/08/21

Type: Matrix Spike	**Lab ID: QC947945**	**Batch: 275374**
Matrix (Source ID): Soil (451564-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947945 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	312.4	ND	500.0	ug/Kg	62%		42-127	1
Aroclor-1260	338.7	ND	500.0	ug/Kg	68%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	37.23		50.00	ug/Kg	74%		19-121	1

Type: Matrix Spike Duplicate	**Lab ID: QC947946**	**Batch: 275374**
Matrix (Source ID): Soil (451564-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947946 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	324.3	ND	500.0	ug/Kg	65%		42-127	4	30	1
Aroclor-1260	313.9	ND	500.0	ug/Kg	63%		38-130	8	30	1
Surrogates										
Decachlorobiphenyl (PCB)	33.03		50.00	ug/Kg	66%		19-121			1

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC947947**	**Batch: 275374**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947947 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	301.3	500.0	ug/Kg	60%		14-150
Aroclor-1260	300.4	500.0	ug/Kg	60%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	32.45	50.00	ug/Kg	65%		19-121

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 451567
Report Level: II
Report Date: 10/12/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - CLOW - EAR051921

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	451567
Project No:	CLOW
Location:	CLOW - EAR051921
Date Received:	10/06/21

Sample ID	Lab ID	Collected	Matrix
S-13-1	451567-001	10/06/21 08:40	Soil
S-14-1	451567-002	10/06/21 09:41	Soil
S-15-1	451567-003	10/06/21 10:17	Soil
S-15-3	451567-004	10/06/21 10:37	Soil
S-16-1	451567-005	10/06/21 12:20	Soil
S-16-3	451567-006	10/06/21 13:03	Soil

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 451567 Project No: CLOW Location: CLOW - EAR051921 Date Received: 10/06/21

This data package contains sample and QC results for six soil samples, requested for the above referenced project on 10/06/21. The samples were received cold and intact.

PCBs (EPA 8082):

A number of samples were diluted due to the dark color of the sample extracts. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record — Lab No: 451567 — Page: 1 of

Turn Around Time (rush by advanced notice only)

Standard:		5 Day		3 Day:	X
2 Day:	X	1 Day:		Custom TA:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = K_2CO_3 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EAR051921
Report To:	Becky Sundilson	Proj. Name:	Clow
E-mail:	Bsundilson@earthcon	Proj. #:	
Address:	1180 Town and country Rd	P.O. #:	
	Suite 200 orange, CA	Address:	1375 Magnolia Ave
Phone:	(714) 321-8626	Global ID:	
Fax:		Sampler:	WL

Analysis Request: 8260 - VOCs Soxhlet

Test Instructions / Comments: 48hr TAT if possible otherwise 72hr. See Dan or Patty

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis
1	S-13-1	10/06/21	0840	S	1 / 4oz	—	X
2	S-14-1	10/06/21	0941	S	1 / 4oz	—	X
3	S-15-1	10/06/21	1017	S	1 / 4oz	—	X
4	S-15-3	10/06/21	1037	S	1 / 4oz	—	X
5	S-16-1	10/06/21	1220	S	1 / 4oz	—	X
6	S-16-3	10/06/21	1303	S	1 / 4oz	—	X
7							
8							
9							
10							

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Lindsay Langer	Earthcon/Staff Scientist	10/06/21 1410
1 Received By:	Green Sylvestri	Green Sylvestri	EA	10/06/21 14:16
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

5.9/2.4

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: CLOW

Date Received: 10/6/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip to section 3) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.9 #2: _____ #3: _____ #4: _____

Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is > 0°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 3.4 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓	✓	
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Sample 004 had water in it.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time: _____

☑ Email (email sent to/on): EAM / 10/6/21

Project Manager's response:

Completed By: Yolanda Sylvestre Date: 10/6/21

ENTHALPY ANALYTICAL

Analysis Results for 451567

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 451567
Project No: CLOW
Location: CLOW - EAR051921
Date Received: 10/06/21

Sample ID: S-13-1 **Lab ID: 451567-001** **Collected: 10/06/21 08:40**
Matrix: Soil

451567-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	500	5	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	60%		%REC	19-121	5	275374	10/07/21	10/08/21	TJW

Sample ID: S-14-1 **Lab ID: 451567-002** **Collected: 10/06/21 09:41**
Matrix: Soil

451567-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	57%		%REC	19-121	2	275374	10/07/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451567

Sample ID: S-15-1 **Lab ID: 451567-003** **Collected: 10/06/21 10:17**
Matrix: Soil

451567-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	69%		%REC	19-121	2	275374	10/07/21	10/08/21	TJW

Sample ID: S-15-3 **Lab ID: 451567-004** **Collected: 10/06/21 10:37**
Matrix: Soil

451567-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	67%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451567

Sample ID: S-16-1	Lab ID: 451567-005	Collected: 10/06/21 12:20
	Matrix: Soil	

451567-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	500	5	275374	10/07/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1248	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1260	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	91%		%REC	19-121	5	275374	10/07/21	10/11/21	TRN

Sample ID: S-16-3	Lab ID: 451567-006	Collected: 10/06/21 13:03
	Matrix: Soil	

451567-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	48%		%REC	19-121	1	275374	10/07/21	10/11/21	TRN

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC947944**	**Batch: 275374**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947944 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/07/21	10/08/21
Aroclor-1221	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1232	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1242	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1248	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1254	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1260	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1262	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1268	ND		ug/Kg	50	10/07/21	10/08/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	68%		%REC	19-121	10/07/21	10/08/21

Type: Matrix Spike	**Lab ID: QC947945**	**Batch: 275374**
Matrix (Source ID): Soil (451564-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947945 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	312.4	ND	500.0	ug/Kg	62%		42-127	1
Aroclor-1260	338.7	ND	500.0	ug/Kg	68%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	37.23		50.00	ug/Kg	74%		19-121	1

Type: Matrix Spike Duplicate	**Lab ID: QC947946**	**Batch: 275374**
Matrix (Source ID): Soil (451564-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947946 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	324.3	ND	500.0	ug/Kg	65%		42-127	4	30	1
Aroclor-1260	313.9	ND	500.0	ug/Kg	63%		38-130	8	30	1
Surrogates										
Decachlorobiphenyl (PCB)	33.03		50.00	ug/Kg	66%		19-121			1

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Batch QC

Type: Lab Control Sample	**Lab ID: QC947947**	**Batch: 275374**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947947 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	301.3	500.0	ug/Kg	60%		14-150
Aroclor-1260	300.4	500.0	ug/Kg	60%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	32.45	50.00	ug/Kg	65%		19-121

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 451659
Report Level: II
Report Date: 10/12/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - Clow - 1375 Magnolia Ave

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	451659
Project No:	CLOW
Location:	Clow - 1375 Magnolia Ave
Date Received:	10/07/21

Sample ID	Lab ID	Collected	Matrix
S-17-1	451659-001	10/07/21 07:55	Soil
S-17-3	451659-002	10/07/21 08:17	Soil
S-18-1	451659-003	10/07/21 08:52	Soil
S-18-3	451659-004	10/07/21 09:04	Soil
S-18-5	451659-005	10/07/21 09:10	Soil
S-19-1	451659-006	10/07/21 09:30	Soil
S-19-3	451659-007	10/07/21 09:42	Soil
S-20-1	451659-008	10/07/21 10:28	Soil
S-20-3	451659-009	10/07/21 10:38	Soil
S-21-1	451659-010	10/07/21 11:28	Soil
S-21-3	451659-011	10/07/21 11:47	Soil
S-22-1	451659-012	10/07/21 13:27	Soil
S-22-3	451659-013	10/07/21 13:57	Soil
S-22-5	451659-014	10/07/21 14:38	Soil

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Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 451659 Project No: CLOW Location: Clow - 1375 Magnolia Ave Date Received: 10/07/21

This data package contains sample and QC results for fourteen soil samples, requested for the above referenced project on 10/07/21. The samples were received cold and intact.

PCBs (EPA 8082):

Low internal standard responses were observed for 1-bromo-2-nitrobenzene (PCB) in S-19-1 (lab # 451659-006) and S-21-3 (lab # 451659-011); affected data was qualified with "b". High internal standard responses were observed for 1-bromo-2-nitrobenzene (1248) in S-20-3 (lab # 451659-009) and S-22-1 (lab # 451659-012); the affected analyte was not detected at or above the RL in the associated samples, and affected data was qualified with "b". Response exceeding the instrument's linear range was observed for decachlorobiphenyl (PCB surrogate) in S-21-3 (lab # 451659-011); affected data was qualified with "E". High surrogate recoveries were observed for decachlorobiphenyl (PCB surrogate) in S-19-1 (lab # 451659-006) and S-21-3 (lab # 451659-011); no target analytes were detected in these samples. S-17-1 (lab # 451659-001) was diluted due to the dark color of the sample extract. No other analytical problems were encountered.

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Chain of Custody Record

Lab No: 451659

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	X
2 Day:	X	1 Day:		0 Hour TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: N = HNO_3, T = HCl, S = H_2SO_4, S = NaOH, E = Other

Sample Receipt Temp.: 3C/0F (4 Deg C only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EAP-051921
Report To:	Becky Sundilson	Proj. Name:	Olow
Email:	BSundilson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd	P.O. #:	
	Suite 200 orange, CA	Address:	1375 Magnolia Ave
Phone:	(714) 321-8620	Global ID:	
Fax:		Sampled By:	WL

Analysis Request: 8082A PCBs - Soxhlet

Test Instructions / Comments: 48hr TAT if possible otherwise 72hr. See Dan or Patty

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	8082A PCBs - Soxhlet
1	S-17-1	10/07/21	0755	S	1 | 4oz	—	X
2	S-17-3	10/07/21	0817	S	1 | 4oz	—	X
3	S-18-1	10/07/21	0832	S	1 | 4oz	—	X
4	S-18-3	10/07/21	0904	S	1 | 4oz	—	X
5	S-18-6	10/07/21	0910	S	1 | 4oz	—	X
6	S-19-1	10/07/21	0930	S	1 | 4oz	—	X
7	S-19-3	10/07/21	0940	S	1 | 4oz	—	X
8	S-20-1	10/07/21	1028	S	1 | 4oz	—	X
9	S-20-3	10/07/21	1038	S	1 | 4oz	—	X
10	S-21-1	10/07/21	1128	S	1 | 4oz	—	X

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Lindsey Langer	Earthcon/Staff Scientist	1950 10/7/21
1 Received By:		Chris	Earthcon/Courier	1510 10/8/21
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab #:

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	X
7 Day	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:

(Lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EARC5121
Report To:	Becky Sundtson	Proj. Name:	Glow
Ems :	BSundtson@earthcon.com	P.O. #:	
Address:	100 Town and Country Suite 200 Orange, CA	Address	375 Magnolia Ave
Phone	(714) 381-8676	Global ID:	
Fax		Sampled By:	UML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082A PCBs - Soxhlet	Test Instructions / Comments
1	S-A1-3	10/07/21	1147	S	1 | 4oz	—	X	48hr TAT if possible. Otherwise 72 hr TAT. See Pan or Patty
2	S-A2-1	10/07/21	1327	S	1 | 4oz	—	X	
3	S-A2-3	10/07/21	1357	S	1 | 4oz	—	X	
4	S-A2-5	10/07/21	1438	S	1 | 4oz	—	X	
5								
6								
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Langer	Lindsey Langer	Earthcon / Staff Scientist	10/12/21 1550
1 Received By:		Glow	KA / Tech	10/12/21 1550
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
4 Received By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ennhcon Consultants Project: Clow

Date Received: 10/07/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) [No Cooler]: ____

Sample Temp (°C), One from each cooler: #1: 3.2 #2: ____ #3: ____ #4: ____

(Acceptance range is <6°C but not frozen (for Microbiology samples, acceptance range is <10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: ____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other ____

Cooler Temp (°C): #1: 0.7 #2: ____ #3: ____ #4: ____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-5 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal (Initials: ____ Date/Time: ____ ____) ☐ Email (email sent on/or): ____ / ____

Project Manager's response:

Completed By: [signature] Date: 10/7/21

ENTHALPY ANALYTICAL

Analysis Results for 451659

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 451659
Project No: CLOW
Location: Clow - 1375 Magnolia Ave
Date Received: 10/07/21

Sample ID: S-17-1 **Lab ID: 451659-001** **Collected: 10/07/21 07:55**
Matrix: Soil

451659-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275439	10/08/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	66%		%REC	19-121	2	275439	10/08/21	10/08/21	TJW

Sample ID: S-17-3 **Lab ID: 451659-002** **Collected: 10/07/21 08:17**
Matrix: Soil

451659-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1248	**69**		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1260	**52**		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	1	275439	10/08/21	10/11/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451659

Sample ID: S-18-1	Lab ID: 451659-003	Collected: 10/07/21 08:52
	Matrix: Soil	

451659-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1248	**180**		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	1	275439	10/08/21	10/11/21	TRN

Sample ID: S-18-3	Lab ID: 451659-004	Collected: 10/07/21 09:04
	Matrix: Soil	

451659-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1248	**61**		ug/Kg	50	1	275439	10/08/21	10/12/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	61%		%REC	19-121	1	275439	10/08/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 451659

Sample ID: S-18-5	Lab ID: 451659-005	Collected: 10/07/21 09:10
	Matrix: Soil	

451659-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	59%		%REC	19-121	1	275439	10/08/21	10/08/21	TJW

Sample ID: S-19-1	Lab ID: 451659-006	Collected: 10/07/21 09:30
	Matrix: Soil	

451659-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND	b	ug/Kg	100	1	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND	b	ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	124%	*,b	%REC	19-121	1	275439	10/08/21	10/11/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451659

Sample ID: S-19-3	Lab ID: 451659-007	Collected: 10/07/21 09:42
	Matrix: Soil	

451659-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	34%		%REC	19-121	1	275439	10/08/21	10/11/21	TJW

Sample ID: S-20-1	Lab ID: 451659-008	Collected: 10/07/21 10:28
	Matrix: Soil	

451659-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	41%		%REC	19-121	1	275439	10/08/21	10/11/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451659

Sample ID: S-20-3	Lab ID: 451659-009	Collected: 10/07/21 10:38
	Matrix: Soil	

451659-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND	b	ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	62%		%REC	19-121	1	275439	10/08/21	10/11/21	TJW

Sample ID: S-21-1	Lab ID: 451659-010	Collected: 10/07/21 11:28
	Matrix: Soil	

451659-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	2	275439	10/08/21	10/11/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451659

Sample ID: S-21-3	Lab ID: 451659-011	Collected: 10/07/21 11:47
	Matrix: Soil	

451659-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND	b	ug/Kg	100	1	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND	b	ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	172%	*,E,b	%REC	19-121	1	275439	10/08/21	10/11/21	TJW

Sample ID: S-22-1	Lab ID: 451659-012	Collected: 10/07/21 13:27
	Matrix: Soil	

451659-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND	b	ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	69%		%REC	19-121	1	275439	10/08/21	10/11/21	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 451659

Sample ID: S-22-3	Lab ID: 451659-013	Collected: 10/07/21 13:57
	Matrix: Soil	

451659-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	67%		%REC	19-121	1	275439	10/08/21	10/11/21	TRN

Sample ID: S-22-5	Lab ID: 451659-014	Collected: 10/07/21 14:38
	Matrix: Soil	

451659-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	66%		%REC	19-121	1	275439	10/08/21	10/11/21	TRN

* Value is outside QC limits
E Response exceeds instrument's linear range
ND Not Detected
b See narrative

Results for any subcontracted analyses are not included in this section.

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Batch QC

Type: Blank	**Lab ID: QC948150**	**Batch: 275439**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948150 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/08/21	10/08/21
Aroclor-1221	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1232	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1242	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1248	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1254	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1260	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1262	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1268	ND		ug/Kg	50	10/08/21	10/08/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	70%		%REC	19-121	10/08/21	10/08/21

Type: Lab Control Sample	**Lab ID: QC948151**	**Batch: 275439**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948151 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	282.2	500.0	ug/Kg	56%		14-150
Aroclor-1260	303.4	500.0	ug/Kg	61%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	30.29	50.00	ug/Kg	61%		19-121

Type: Matrix Spike	**Lab ID: QC948152**	**Batch: 275439**
Matrix (Source ID): Soil (451659-002)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948152 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	438.2	ND	500.0	ug/Kg	88%		42-127	1
Aroclor-1260	523.3	52.39	500.0	ug/Kg	94%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	31.50		50.00	ug/Kg	63%		19-121	1

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC948153**	**Batch:**	**275439**
Matrix (Source ID):	**Soil (451659-002)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC948153 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	452.1	ND	500.0	ug/Kg	90%		42-127	3	30	1
Aroclor-1260	528.1	52.39	500.0	ug/Kg	95%		38-130	1	30	1
Surrogates										
Decachlorobiphenyl (PCB)	31.02		50.00	ug/Kg	62%		19-121			1

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 451711
Report Level: II
Report Date: 10/13/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - CLOW

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

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Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	451711
Project No:	CLOW
Location:	CLOW
Date Received:	10/08/21

Sample ID	Lab ID	Collected	Matrix
S-10-3	451711-001	10/08/21 08:25	Soil
S-23-1	451711-002	10/08/21 09:51	Soil
S-23-3	451711-003	10/08/21 10:05	Soil
S-24-1	451711-004	10/08/21 10:50	Soil
S-10-5	451711-005	10/08/21 11:11	Soil

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Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 451711 Project No: CLOW Location: CLOW Date Received: 10/08/21

This data package contains sample and QC results for five soil samples, requested for the above referenced project on 10/08/21. The samples were received cold and intact.

PCBs (EPA 8082):

Low recoveries were observed for Aroclor-1260 in the MS/MSD of S-10-3 (lab # 451711-001); the LCS was within limits. High RPD was observed for Aroclor-1016 and Aroclor-1260. S-23-1 (lab # 451711-002), S-23-3 (lab # 451711-003), and S-24-1 (lab # 451711-004) were diluted due to the color of the sample extracts. S-10-5 (lab # 451711-005) was diluted due to the dark color of the sample extract. No other analytical problems were encountered.

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Chain of Custody Record

Lab No: 451711

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	X
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714 771 6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SFA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: L = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 5.6 / 5.0 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	E21E-051921
Report To:	Becky Sundblom	Proj. Name:	Chow
Email:	Bsundblom@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd	P.O. #:	
	Suite 200 Orange, CA	Address:	1375 Magnolia Ave
Phone:	(714) 321-8210	Global ID:	
Fax:		Sampled By:	UML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	8082 - PCBs Soxhlet
1	S-10-3	10/08/21	0825	S	1/4oz	—	X
2	S-23-1	10/08/21	0951	S	1/4oz	—	X
3	S-23-3	10/08/21	1005	S	1/4oz	—	X
4	S-24-1	10/08/21	1050	S	1/4oz	—	X
5	S-10-5	10/08/21	1111	S	1/4oz	—	X
6							
7							
8							
9							
10							

Analysis Request

Test Instructions / Comments

48hr if possible otherwise 72hr TAT.
See Dan or Party

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Lindsey Langer	Earthcon/Staff Scientist	10/08/21 1302
1 Received By:			EA	10/8/21 1302
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: Clow

Date Received: 10/8/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (see section 3) Sample Temp (°C) [No Cooler]: _____

Sample Temp (°C), One from each cooler. #1: 5.6 #2: _____ #3: _____ #4: _____

(Acceptance range is 0 to 6°C but not frozen for Microbiology samples, acceptance range is > 0°C but not frozen). If unacceptable for samples collected the same day, client notified to leave at higher temperature or temperature evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other: _____

Cooler Temp (°C): #1: 5.0 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? [Recommended for Microbiology samples]	✔		
Did all samples arrive intact? If no, indicate in Section 4 below	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal Initials _____ Date/Time _____

☐ Email Email sent to/on: _____ / _____

Project Manager's response.

Completed By: _____ Date: 10/8/21

ENTHALPY ANALYTICAL

Analysis Results for 451711

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 451711
Project No: CLOW
Location: CLOW
Date Received: 10/08/21

Sample ID: S-10-3 **Lab ID: 451711-001** **Collected: 10/08/21 08:25**
Matrix: Soil

451711-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275568	10/11/21	10/12/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275568	10/11/21	10/12/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275568	10/11/21	10/12/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275568	10/11/21	10/12/21	TJW
Aroclor-1248	**1,300**		ug/Kg	250	5	275568	10/11/21	10/12/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275568	10/11/21	10/12/21	TJW
Aroclor-1260	**1,500**		ug/Kg	250	5	275568	10/11/21	10/12/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275568	10/11/21	10/12/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275568	10/11/21	10/12/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	59%		%REC	19-121	1	275568	10/11/21	10/12/21	TJW

Sample ID: S-23-1 **Lab ID: 451711-002** **Collected: 10/08/21 09:51**
Matrix: Soil

451711-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275568	10/11/21	10/12/21	TRN
Aroclor-1221	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1232	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1242	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1248	**6,200**		ug/Kg	1,000	20	275568	10/11/21	10/12/21	TRN
Aroclor-1254	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1260	**5,700**		ug/Kg	1,000	20	275568	10/11/21	10/12/21	TRN
Aroclor-1262	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1268	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	45%		%REC	19-121	2	275568	10/11/21	10/12/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451711

Sample ID: S-23-3	Lab ID: 451711-003	Collected: 10/08/21 10:05
	Matrix: Soil	

451711-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275568	10/11/21	10/12/21	TRN
Aroclor-1221	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1232	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1242	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1248	**3,500**		ug/Kg	500	10	275568	10/11/21	10/12/21	TRN
Aroclor-1254	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1260	**3,200**		ug/Kg	500	10	275568	10/11/21	10/12/21	TRN
Aroclor-1262	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1268	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	70%		%REC	19-121	2	275568	10/11/21	10/12/21	TRN

Sample ID: S-24-1	Lab ID: 451711-004	Collected: 10/08/21 10:50
	Matrix: Soil	

451711-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275568	10/11/21	10/12/21	TJW
Aroclor-1221	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1232	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1242	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1248	**400**		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1254	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1260	**310**		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1262	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1268	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	53%		%REC	19-121	2	275568	10/11/21	10/12/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451711

Sample ID: S-10-5	Lab ID: 451711-005	Collected: 10/08/21 11:11
	Matrix: Soil	

451711-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275568	10/11/21	10/12/21	TJW
Aroclor-1221	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1232	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1242	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1248	**590**		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1254	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1260	**530**		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1262	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1268	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	73%		%REC	19-121	2	275568	10/11/21	10/12/21	TJW

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC948539**	**Batch: 275568**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948539 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/11/21	10/11/21
Aroclor-1221	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1232	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1242	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1248	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1254	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1260	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1262	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1268	ND		ug/Kg	50	10/11/21	10/11/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	39%		%REC	19-121	10/11/21	10/11/21

Type: Matrix Spike	**Lab ID: QC948540**	**Batch: 275568**
Matrix (Source ID): Soil (451711-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948540 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	352.6	ND	500.0	ug/Kg	71%		42-127	1
Aroclor-1260	272.7	1545	500.0	ug/Kg	-254%	*	38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	11.35		50.00	ug/Kg	23%		19-121	1

Type: Matrix Spike Duplicate	**Lab ID: QC948541**	**Batch: 275568**
Matrix (Source ID): Soil (451711-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948541 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	536.2	ND	500.0	ug/Kg	107%		42-127	41*	30	1
Aroclor-1260	1,082	1545	500.0	ug/Kg	-93%	*	38-130	119*	30	1
Surrogates										
Decachlorobiphenyl (PCB)	10.60		50.00	ug/Kg	21%		19-121			1

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC948568**	**Batch: 275568**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948568 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	359.8	500.0	ug/Kg	72%		14-150
Aroclor-1260	372.6	500.0	ug/Kg	75%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	30.48	50.00	ug/Kg	61%		19-121

* Value is outside QC limits

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 451879
Report Level: II
Report Date: 10/15/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - Corona - Clow

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	451879
Project No:	CLOW
Location:	Corona - Clow
Date Received:	10/12/21

Sample ID	Lab ID	Collected	Matrix
S-25-1	451879-001	10/12/21 08:00	Soil
S-25-3	451879-002	10/12/21 08:08	Soil
S-25-5	451879-003	10/12/21 08:40	Soil
S-26-1	451879-004	10/12/21 09:39	Soil
S-26-3	451879-005	10/12/21 09:51	Soil
S-26-5	451879-006	10/12/21 09:59	Soil
S-27-1	451879-007	10/12/21 10:35	Soil
S-27-3	451879-008	10/12/21 10:50	Soil
S-27-5	451879-009	10/12/21 11:05	Soil
S-27-10	451879-010	10/12/21 12:24	Soil
S-28-1	451879-011	10/12/21 13:10	Soil
S-28-3	451879-012	10/12/21 13:22	Soil
S-28-5	451879-013	10/12/21 13:46	Soil
S-29-1	451879-014	10/12/21 14:26	Soil
S-29-3	451879-015	10/12/21 14:39	Soil
S-29-5	451879-016	10/12/21 15:08	Soil

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 451879 Project No: CLOW Location: Corona - Clow Date Received: 10/12/21

This data package contains sample and QC results for sixteen soil samples, requested for the above referenced project on 10/12/21. The samples were received cold and intact.

PCBs (EPA 8082):

High recoveries were observed for Aroclor-1016 and Aroclor-1260 in the MS/MSD of S-25-1 (lab # 451879-001); the LCS was within limits. High RPD was also observed for Aroclor-1016 and Aroclor-1260. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 451979

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard 2 Day:	X	5 Day:		3 Day:	X
		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714 771 6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water GW = Gwater T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 5.4 / 2.0 (Temp blank)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EA05192
Report To:	Becky Sundtson	Proj. Name:	Corona-Clow
Email:	BSundtson@earthcon.com	Proj. #:	
Address:	1100 W. Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address:	1315 Magnolia Ave
Phone:	(714) 361-8020	Global ID:	
Fax:		Sampled By:	LML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1	S-25-1	10/12/21	0800	S	1 | 4oz	—
2	S-25-3	10/12/21	0808	S	1 | 4oz	—
3	S-25-5	10/12/21	0840	S	1 | 4oz	—
4	S-26-1	10/12/21	0939	S	1 | 4oz	—
5	S-26-3	10/12/21	0955	S	1 | 4oz	—
6	S-26-6	10/12/21	0959	S	1 | 4oz	—
7	S-27-1	10/12/21	1035	S	1 | 4oz	—
8	S-27-3	10/12/21	1050	S	1 | 4oz	—
9	S-27-5	10/12/21	1108	S	1 | 4oz	—
10	S-27-10	10/12/21	1124	S	1 | 4oz	—

Analysis Request: 8082 PCBs - Soxhlet

Test Instructions / Comments: 48hr TAT if possible. If not 72hr TAT. See Dan or Patty. *Possible high levels*

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Lindsey Langer	Lindsey Langer	Earthcon/Staff Scientist	10/12/21 1602
1 Received By:		Elizabeth Ramirez	EA	10/12/21 1621
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 415979

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard		5 Day:		3 Day:	X
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714 771 6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EAR061921
Report To:	Becky Sundilson	Proj. Name:	Corona - Clow
Email	BSundilson@Earthcon.com	Proj. #:	
Address	1400 W. Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address:	1315 Magnolia Ave
Phone:	(714) 321-8070	Global ID	
Fax:		Sampled By:	LML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No / Size	Pres.	8082A-PCBs Soil/Wipe	Test Instructions / Comments
1	S-28-1	10/12/21	1310	S	1/4oz	—	X	48hr TAT if possible if not 72hr TAT
2	S-28-3	10/12/21	1322	S	1/4oz	—	X	see Dan or Patty
3	S-28-5	10/12/21	1340	S	1/4oz	—	X	*possible high levels*
4	S-29-1	10/12/21	1424	S	1/4oz	—	X	
5	S-29-3	10/12/21	1439	S	1/4oz	—	X	
6	S-29-5	10/12/21	1508	S	1/4oz	—	X	
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	L Langer	Lindsey Langer	Earthcon / Staff Scientist	10/12/21 1602
1 Received By:	Erika Zamora	Erika Zamora	SA	10/12/21 16:2
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants — Project: Corona-CLOW

Date Received: 10/12/21 — Sample's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 3) — Sample Temp (°C) (No Cooler): _____

Sample Temp (°C) One from each cooler: #1 5.4 #2 _____ #3: _____ #4: _____

(Note: for chilled (4°C but not frozen) microbiology samples, acceptance range is 2-10°C but not frozen) It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.0 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seal's present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✔		
Did all samples arrive intact? If no, indicate in Section 4 below	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal (Initials: _____ Date/Time: _____) ☐ Email (email sent to/on): _____ / _____

Project Manager's response

Completed By: _____ Date: 10/12/21

ENTHALPY ANALYTICAL

Analysis Results for 451879

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 451879
Project No: CLOW
Location: Corona - Clow
Date Received: 10/12/21

Sample ID: S-25-1 **Lab ID: 451879-001** **Collected: 10/12/21 08:00**
Matrix: Soil

451879-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**4,600**		ug/Kg	1,000	20	275764	10/13/21	10/14/21	MTS
Aroclor-1254	**2,300**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	64%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Sample ID: S-25-3 **Lab ID: 451879-002** **Collected: 10/12/21 08:08**
Matrix: Soil

451879-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**1,300**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1254	**640**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451879

Sample ID: S-25-5	Lab ID: 451879-003	Collected: 10/12/21 08:40
	Matrix: Soil	

451879-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**680**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1254	**290**		ug/Kg	250	5	275764	10/13/21	10/14/21	MTS
Aroclor-1260	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	61%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Sample ID: S-26-1	Lab ID: 451879-004	Collected: 10/12/21 09:39
	Matrix: Soil	

451879-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**670**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1254	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	**5,000**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	96%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451879

Sample ID: S-26-3	Lab ID: 451879-005	Collected: 10/12/21 09:51
	Matrix: Soil	

451879-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275764	10/13/21	10/14/21	MTS
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1248	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1260	**110**		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	81%		%REC	19-121	1	275764	10/13/21	10/14/21	MTS

Sample ID: S-26-5	Lab ID: 451879-006	Collected: 10/12/21 09:59
	Matrix: Soil	

451879-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275764	10/13/21	10/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	1	275764	10/13/21	10/15/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451879

Sample ID: S-27-1	Lab ID: 451879-007	Collected: 10/12/21 10:35
	Matrix: Soil	

451879-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**930**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1254	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	**2,500**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	44%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Sample ID: S-27-3	Lab ID: 451879-008	Collected: 10/12/21 10:50
	Matrix: Soil	

451879-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275764	10/13/21	10/14/21	MTS
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1248	**410**		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1260	**120**		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	47%		%REC	19-121	1	275764	10/13/21	10/14/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451879

Sample ID: S-27-5	Lab ID: 451879-009	Collected: 10/12/21 11:05
	Matrix: Soil	

451879-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275764	10/13/21	10/14/21	MTS
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1248	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1260	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	60%		%REC	19-121	1	275764	10/13/21	10/14/21	MTS

Sample ID: S-27-10	Lab ID: 451879-010	Collected: 10/12/21 12:24
	Matrix: Soil	

451879-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275764	10/13/21	10/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	61%		%REC	19-121	1	275764	10/13/21	10/15/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451879

Sample ID: S-28-1	Lab ID: 451879-011	Collected: 10/12/21 13:10
	Matrix: Soil	

451879-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**50,000**		ug/Kg	10,000	200	275764	10/13/21	10/14/21	MTS
Aroclor-1254	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	**12,000**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	61%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Sample ID: S-28-3	Lab ID: 451879-012	Collected: 10/12/21 13:22
	Matrix: Soil	

451879-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**5,900**		ug/Kg	1,000	20	275764	10/13/21	10/15/21	TRN
Aroclor-1254	**2,900**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	46%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451879

Sample ID: S-28-5	Lab ID: 451879-013	Collected: 10/12/21 13:46
	Matrix: Soil	

451879-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**880**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1254	**540**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	63%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Sample ID: S-29-1	Lab ID: 451879-014	Collected: 10/12/21 14:26
	Matrix: Soil	

451879-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**630**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1254	**510**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	**720**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451879

Sample ID: S-29-3	Lab ID: 451879-015	Collected: 10/12/21 14:39
	Matrix: Soil	

451879-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	**120**		ug/Kg	100	1	275764	10/13/21	10/14/21	MTS
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1248	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1260	**290**		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	1	275764	10/13/21	10/14/21	MTS

Sample ID: S-29-5	Lab ID: 451879-016	Collected: 10/12/21 15:08
	Matrix: Soil	

451879-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275764	10/13/21	10/14/21	MTS
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1248	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1260	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	69%		%REC	19-121	1	275764	10/13/21	10/14/21	MTS

ND Not Detected

Results for any subcontracted analyses are not included in this section.

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Batch QC

Type: Blank	**Lab ID: QC949092**	**Batch: 275764**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949092 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/13/21	10/13/21
Aroclor-1221	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1232	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1242	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1248	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1254	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1260	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1262	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1268	ND		ug/Kg	50	10/13/21	10/13/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	53%		%REC	19-121	10/13/21	10/13/21

Type: Lab Control Sample	**Lab ID: QC949093**	**Batch: 275764**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949093 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	334.2	500.0	ug/Kg	67%		14-150
Aroclor-1260	376.3	500.0	ug/Kg	75%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	26.82	50.00	ug/Kg	54%		19-121

Type: Matrix Spike	**Lab ID: QC949094**	**Batch: 275764**
Matrix (Source ID): Soil (451879-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949094 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	3,947	ND	500.0	ug/Kg	789%	*	42-127	10
Aroclor-1260	1,687	ND	500.0	ug/Kg	337%	*	38-130	10
Surrogates								
Decachlorobiphenyl (PCB)	45.24		50.00	ug/Kg	90%		19-121	10

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC949095**	**Batch:**	**275764**
Matrix (Source ID):	**Soil (451879-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC949095 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	2,693	ND	500.0	ug/Kg	539%	*	42-127	38*	30	10
Aroclor-1260	1,150	ND	500.0	ug/Kg	230%	*	38-130	38*	30	10
Surrogates										
Decachlorobiphenyl (PCB)	40.72		50.00	ug/Kg	81%		19-121			10

* Value is outside QC limits

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 452005
Report Level: II
Report Date: 10/19/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - Corona CLOW

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	452005
Project No:	CLOW
Location:	Corona CLOW
Date Received:	10/14/21

Sample ID	Lab ID	Collected	Matrix
S-30-1	452005-001	10/14/21 08:25	Soil
S-30-3	452005-002	10/14/21 09:10	Soil
S-30-5	452005-003	10/14/21 09:22	Soil
S-30-6	452005-004	10/14/21 09:41	Soil
S-31-1	452005-005	10/14/21 10:29	Soil
S-31-3	452005-006	10/14/21 10:42	Soil
S-31-5	452005-007	10/14/21 10:57	Soil
S-32-1	452005-008	10/14/21 14:15	Soil
S-32-3	452005-009	10/14/21 14:21	Soil
S-32-5	452005-010	10/14/21 14:40	Soil
S-32-7	452005-011	10/14/21 15:00	Soil
S-32-11.8	452005-012	10/14/21 15:22	Soil

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 452005 Project No: CLOW Location: Corona CLOW Date Received: 10/14/21

This data package contains sample and QC results for twelve soil samples, requested for the above referenced project on 10/14/21. The samples were received cold and intact.

PCBs (EPA 8082):

High recoveries were observed for Aroclor-1016 and Aroclor-1260 in the MS/MSD of S-30-6 (lab # 452005-004); the LCS was within limits. No other analytical problems were encountered.

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Chain of Custody Record

Lab No: 452005

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard		5 Day:		3 Day:	X
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: L = $Na_2S_2O_4$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: ____ Celsius

CUSTOMER INFORMATION

Company:	Earthcon Consultants
Report To:	Becky Sundilson
Email:	BSundilson@earthcon.com
Address	1100 Town and Country Rd
	Suite 200 Orange, CA
Phone:	714-321-8024e
Fax:	

PROJECT INFORMATION

Quote #:	EFIE-0514-21
Proj. Name:	Corona-Clow
Proj. #:	
P.O. #:	
Address	1315 Magnolia Ave
Global ID:	
Sampled By:	LML

Analysis Request

8082 PCBs - Soxhlet

Test Instructions / Comments

48hr TAT if possible if not 72hr TAT

See Dan or Patty

Possible high levels

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	8082 PCBs - Soxhlet
1	S-30-1	10/14/21	0906	S	1/40z	—	X
2	S-30-3	10/14/21	0910	S	1/40z	—	X
3	S-30-5	10/14/21	0922	S	1/40z	—	X
4	S-30-6	10/14/21	0941	S	1/40z	—	X
5	S-31-1	10/14/21	1029	S	1/40z	—	X
6	S-31-3	10/14/21	1042	S	1/40z	—	X
7	S-31-5	10/14/21	1057	S	1/40z	—	X
8	S-32-1	10/14/21	1415	S	1/40z	—	X
9	S-32-3	10/14/21	1421	S	1/40z	—	X
10	S-32-5	10/14/21	1440	S	1/40z	—	X

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	L Langer	Lindsey Langer	Earthcon/Staff Scientist	10/14/21 1644
1 Received By:	Grace Silvestri	Grace Silvestri	EA	10/14/21 16:46
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

7.8/2.2

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Chain of Custody Record

Lab No: 452-005

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day		3 Day:	X
2 Day:	X	1 Day		Custom TAT:	

Enthalpy Analytical - Orange

933 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EHC51921
Report To:	Becky Sundillson	Proj. Name:	Corona-Crow
Email:	BSundillson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd	P.O. #:	
	Suite 200 Orange, CA	Address:	1515 Magnolia Ave
Phone	714-321-8126	Global ID	
Fax:		Sampled By:	LMC

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 PCBs-Soxhlet
1	S-32-7	10/14/21	1900	S	1/4oz	—	X
2	S-32-11.5	10/14/21	1902	S	1/4oz	—	X
3							
4							
5							
6							
7							
8							
9							
10							

Test Instructions / Comments:

48hr TAT if possible. If not then 72hr TAT.

See Dan or Patty

possible high levels

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	B Langer	Lindsey Langer	Earthcon / Staff Scientist	10/14/21 1640
1 Received By:	Geeda Silvestri	Geeda Silvestri	E.A.	10/14/21 16:46
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: CLCW

Date Received: 10/14/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip to Section 3) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 7.8 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 7.2 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time: _____ ☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: Elena Sylvester Date: 10/18/21 14:05

ENTHALPY ANALYTICAL

Analysis Results for 452005

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 452005
Project No: CLOW
Location: Corona CLOW
Date Received: 10/14/21

Sample ID: S-30-1 **Lab ID: 452005-001** **Collected: 10/14/21 08:25**
Matrix: Soil

452005-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	10,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**18,000**		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	100	275916	10/15/21	10/18/21	TJW

Sample ID: S-30-3 **Lab ID: 452005-002** **Collected: 10/14/21 09:10**
Matrix: Soil

452005-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**2,300**		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	62%		%REC	19-121	10	275916	10/15/21	10/18/21	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 452005

Sample ID: S-30-5	Lab ID: 452005-003	Collected: 10/14/21 09:22
	Matrix: Soil	

452005-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	10,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**31,000**		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	100	275916	10/15/21	10/18/21	TJW

Sample ID: S-30-6	Lab ID: 452005-004	Collected: 10/14/21 09:41
	Matrix: Soil	

452005-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	2,500	25	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**7,800**		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	68%		%REC	19-121	25	275916	10/15/21	10/18/21	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 452005

Sample ID: S-31-1	Lab ID: 452005-005	Collected: 10/14/21 10:29
	Matrix: Soil	

452005-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**290,000**		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	1000	275916	10/15/21	10/18/21	TJW

Sample ID: S-31-3	Lab ID: 452005-006	Collected: 10/14/21 10:42
	Matrix: Soil	

452005-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**170,000**		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	1000	275916	10/15/21	10/18/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452005

Sample ID: S-31-5	Lab ID: 452005-007	Collected: 10/14/21 10:57
	Matrix: Soil	

452005-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	25,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**120,000**		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	250	275916	10/15/21	10/18/21	TJW

Sample ID: S-32-1	Lab ID: 452005-008	Collected: 10/14/21 14:15
	Matrix: Soil	

452005-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1260	**550**		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	64%		%REC	19-121	1	275916	10/15/21	10/18/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452005

Sample ID: S-32-3	Lab ID: 452005-009	Collected: 10/14/21 14:21
	Matrix: Soil	

452005-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	43%		%REC	19-121	1	275916	10/15/21	10/18/21	TJW

Sample ID: S-32-5	Lab ID: 452005-010	Collected: 10/14/21 14:40
	Matrix: Soil	

452005-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	66%		%REC	19-121	1	275916	10/15/21	10/18/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452005

Sample ID: S-32-7	Lab ID: 452005-011	Collected: 10/14/21 15:00
	Matrix: Soil	

452005-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	41%		%REC	19-121	1	275916	10/15/21	10/18/21	TJW

Sample ID: S-32-11.8	Lab ID: 452005-012	Collected: 10/14/21 15:22
	Matrix: Soil	

452005-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	44%		%REC	19-121	1	275916	10/15/21	10/18/21	TJW

DO Diluted Out
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC949522**	**Batch: 275916**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949522 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/15/21	10/18/21
Aroclor-1221	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1232	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1242	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1248	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1254	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1260	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1262	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1268	ND		ug/Kg	50	10/15/21	10/18/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	52%		%REC	19-121	10/15/21	10/18/21

Type: Lab Control Sample	**Lab ID: QC949523**	**Batch: 275916**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949523 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	308.5	500.0	ug/Kg	62%		14-150
Aroclor-1260	295.7	500.0	ug/Kg	59%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	26.70	50.00	ug/Kg	53%		19-121

Type: Matrix Spike	**Lab ID: QC949524**	**Batch: 275916**
Matrix (Source ID): Soil (452005-004)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949524 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	5,153	ND	500.0	ug/Kg	1031%	*	42-127	25
Aroclor-1260	2,230	ND	500.0	ug/Kg	446%	*	38-130	25
Surrogates								
Decachlorobiphenyl (PCB)	34.55		50.00	ug/Kg	69%		19-121	25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC949525**	**Batch:**	**275916**
Matrix (Source ID):	**Soil (452005-004)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC949525 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	3,119	ND	500.0	ug/Kg	624%	*	42-127		30	25
Aroclor-1260	1,644	ND	500.0	ug/Kg	329%	*	38-130		30	25
Surrogates										
Decachlorobiphenyl (PCB)	27.00		50.00	ug/Kg	54%		19-121			25

* Value is outside QC limits

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

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Lab Job Number:	452068
Report Level:	II
Report Date:	10/19/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - Corona-Clow

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	452068
Project No:	CLOW
Location:	Corona-Clow
Date Received:	10/15/21

Sample ID	Lab ID	Collected	Matrix
S-33-1	452068-001	10/15/21 08:42	Soil
S-33-3	452068-002	10/15/21 08:58	Soil
S-2-5.5	452068-003	10/15/21 11:00	Soil

ENTHALPY ANALYTICAL

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 452068 Project No: CLOW Location: Corona-Clow Date Received: 10/15/21

This data package contains sample and QC results for three soil samples, requested for the above referenced project on 10/15/21. The samples were received cold and intact.

PCBs (EPA 8082):

No analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 21-10050

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard		5 Day:		3 Day	X
2 Day	X	1 Day:		Custom TAT:	

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931 W. Barkley Avenue, Orange, CA 92868

Phone 714 771 6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HC 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 50/50 (Ice/No Ice)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EA210521
Report To:	Becky Sundtson	Proj. Name:	Corona - Cloud
Email:	BSundtson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address:	1375 Magnolia Ave
Phone:	(714) 381-8780	Global ID:	
Fax:		Sampled By:	LML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 PCBs - Soxhlet	Test Instructions / Comments
1	S-33-1	10/5/21	0848	S	1/4oz	—	X	48hr TAT if possible. If not 72hr TAT. See Dan or Patty *Possible high levels*
2	S-33-3	10/5/21	0858	S	1/4oz	—	X	
3	S-8-6.5	10/5/21	1100	S	1/4oz	—	X	
4								
5								
6								
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Lindsey Langer	Lindsey Langer	Earthcon / Staff Scientist	10/5/21 1020
1 Received By	Cary	Cary		10/5/21 1020
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: Corona-Clow

Date Received: 10/15/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.0 #2: _____ #3: _____ #4: _____

(Acceptance range is 0-6°C but not frozen for Microbiology samples. Exception: if temp is <0°C but not frozen, it is acceptable for samples received the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 5.0 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✔		
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time: _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 10/15/21

ENTHALPY ANALYTICAL

Analysis Results for 452068

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 452068
Project No: CLOW
Location: Corona-Clow
Date Received: 10/15/21

Sample ID: S-33-1 **Lab ID: 452068-001** **Collected: 10/15/21 08:42**
Matrix: Soil

452068-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276020	10/18/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1248	**1,400**		ug/Kg	250	5	276020	10/18/21	10/19/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	45%		%REC	19-121	1	276020	10/18/21	10/18/21	TJW

Sample ID: S-33-3 **Lab ID: 452068-002** **Collected: 10/15/21 08:58**
Matrix: Soil

452068-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276020	10/18/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	57%		%REC	19-121	1	276020	10/18/21	10/18/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452068

Sample ID: S-2-5.5	Lab ID: 452068-003	Collected: 10/15/21 11:00
	Matrix: Soil	

452068-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276020	10/18/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	1	276020	10/18/21	10/18/21	TJW

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC949849**	**Batch: 276020**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949849 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/18/21	10/18/21
Aroclor-1221	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1232	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1242	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1248	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1254	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1260	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1262	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1268	ND		ug/Kg	50	10/18/21	10/18/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	52%		%REC	19-121	10/18/21	10/18/21

Type: Lab Control Sample	**Lab ID: QC949850**	**Batch: 276020**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949850 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	336.8	500.0	ug/Kg	67%		14-150
Aroclor-1260	323.8	500.0	ug/Kg	65%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	28.20	50.00	ug/Kg	56%		19-121

Type: Matrix Spike	**Lab ID: QC949851**	**Batch: 276020**
Matrix (Source ID): Soil (452068-002)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949851 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	319.5	ND	500.0	ug/Kg	64%		42-127	1
Aroclor-1260	244.5	ND	500.0	ug/Kg	49%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	29.10		50.00	ug/Kg	58%		19-121	1

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC949852**	**Batch:**	**276020**
Matrix (Source ID):	**Soil (452068-002)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC949852 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	264.9	ND	500.0	ug/Kg	53%		42-127	19	30	1
Aroclor-1260	209.1	ND	500.0	ug/Kg	42%		38-130	16	30	1
Surrogates										
Decachlorobiphenyl (PCB)	25.52		50.00	ug/Kg	51%		19-121			1

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

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Lab Job Number: 452232
Report Level: II
Report Date: 10/21/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - Corona- CLOW

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	452232
Project No:	CLOW
Location:	Corona- CLOW
Date Received:	10/19/21

Sample ID	Lab ID	Collected	Matrix
S-28-7	452232-001	10/19/21 08:05	Soil
S-10-8	452232-002	10/19/21 09:31	Soil
S-23-5	452232-003	10/19/21 09:50	Soil
S-31-10.5	452232-004	10/19/21 08:36	Soil
S-23-7	452232-005	10/19/21 10:14	Soil
S-24-3	452232-006	10/19/21 10:30	Soil
S-24-5	452232-007	10/19/21 10:36	Soil
S-34-1	452232-008	10/19/21 11:05	Soil
S-34-3	452232-009	10/19/21 11:11	Soil
S-35-1	452232-010	10/19/21 11:20	Soil
S-35-3	452232-011	10/19/21 11:26	Soil
S-36-1	452232-012	10/19/21 11:39	Soil
S-36-3	452232-013	10/19/21 11:46	Soil

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 452232 Project No: CLOW Location: Corona- CLOW Date Received: 10/19/21

This data package contains sample and QC results for thirteen soil samples, requested for the above referenced project on 10/19/21. The samples were received cold and intact.

PCBs (EPA 8082):

No analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 452-232

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	X
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #	EHK05192
Report To:	Becky Sundilson	Proj. Name:	Corona - Clow
Email:	Bsundilson@earthcon.com		
Address:	1100 Town and Country Rd.		
	Suite 200, Orange, CA	Address:	1375 Magnolia Ave
Phone:	(714) 321-9666	Global ID:	
Fax:		Sampled By:	CM

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 PCBs - Soxhlet	Test Instructions / Comments
1	S-28-7	10/19/21	0805	S	1 | 4oz	—	X	48hr TAT if possible if not 72hr TAT.
2	S-10-8	10/19/21	0931	S	1 | 4oz	—	X	
3	S-23-5	10/19/21	0950	S	1 | 4oz	—	X	Seg bar or putty
4	S-31-10.5	10/19/21	0830	S	1 | 4oz	—	X	
5	S-23-7	10/19/21	1014	S	1 | 4oz	—	X	* possible high levels *
6	S-24-3	10/19/21	1030	S	1 | 4oz	—	X	
7	S-24-5	10/19/21	1030	S	1 | 4oz	—	X	
8	S-34-1	10/19/21	1105	S	1 | 4oz	—	X	
9	S-34-3	10/19/21	1111	S	1 | 4oz	—	X	
10	S-35-1	10/19/21	1120	S	1 | 4oz	—	X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	L Langer	Lindsey Langer	Earthcon/Staff Scientist	10/19/21 1319
1 Received By:	Courtney Sylvester	Courtney Sylvester	EA	10/19/21 13:19
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

6.9/I-3

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Chain of Custody Record

Lab No: 452232-

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard		5 Day:		3 Day:	
2 Day:	X	1 Day:		Custom TAT:	X

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771 6900

Matrix: A = Air S = Soil/Solid W = Water GW = Groundwater SD = Sediment L = PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = H_2O_2 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:

Lab use only

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EHE 05121
Report To:	Becky Sundilson	Proj. Name:	Corona - Clow
Email:	BSundilson@earthcon.com	Proj. #:	
Address:	1108 Town and Country Rd. Ste 200 Orange, CA	PO #:	
		Address:	1375 Magnolia AVE
Phone:	(714) 321-8626	Global ID:	
Fax:		Sampled By:	LML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082-PCBs Soxhlet
1	S-35-3	10/19/21	1120	S	1/4oz	—	X
2	S-36-1	10/19/21	1139	S	1/4oz	—	X
3	S-36-3	10/19/21	1140	S	1/4oz	—	X
4							
5							
6							
7							
8							
9							
10							

Test Instructions / Comments:

48hr TAT if possible. If not 72hr TAT.

see Dan or Patty

possible high levels

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	L Langer	Lindsey Langer	Earthcon/Staff Scientist	10/19/21 1319
1 Received By:	Brent Sylvester	Brent Sylvester	EHE	10/19/21 13:19
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: Corona - CLOW

Date Received: 10/19/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 6.9 #2: _____ #3: _____ #4: _____

(Acceptance range is 0°C to 6°C but not frozen (for Microbiology samples, acceptance range is <10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.3 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 10/19/21

ENTHALPY ANALYTICAL

Analysis Results for 452232

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 452232
Project No: CLOW
Location: Corona- CLOW
Date Received: 10/19/21

Sample ID: S-28-7 **Lab ID: 452232-001** **Collected: 10/19/21 08:05**
Matrix: Soil

452232-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	65%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Sample ID: S-10-8 **Lab ID: 452232-002** **Collected: 10/19/21 09:31**
Matrix: Soil

452232-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	66%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 452232

Sample ID: S-23-5	Lab ID: 452232-003	Collected: 10/19/21 09:50
	Matrix: Soil	

452232-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	64%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Sample ID: S-31-10.5	Lab ID: 452232-004	Collected: 10/19/21 08:36
	Matrix: Soil	

452232-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	65%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 452232

Sample ID: S-23-7	Lab ID: 452232-005	Collected: 10/19/21 10:14
	Matrix: Soil	

452232-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	61%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Sample ID: S-24-3	Lab ID: 452232-006	Collected: 10/19/21 10:30
	Matrix: Soil	

452232-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	72%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 452232

Sample ID: S-24-5	Lab ID: 452232-007	Collected: 10/19/21 10:36
	Matrix: Soil	

452232-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	71%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Sample ID: S-34-1	Lab ID: 452232-008	Collected: 10/19/21 11:05
	Matrix: Soil	

452232-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	71%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452232

Sample ID: S-34-3	Lab ID: 452232-009	Collected: 10/19/21 11:11
	Matrix: Soil	

452232-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/21/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	53%		%REC	19-121	1	276180	10/20/21	10/21/21	TRN

Sample ID: S-35-1	Lab ID: 452232-010	Collected: 10/19/21 11:20
	Matrix: Soil	

452232-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/21/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	49%		%REC	19-121	1	276180	10/20/21	10/21/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452232

Sample ID: S-35-3	Lab ID: 452232-011	Collected: 10/19/21 11:26
	Matrix: Soil	

452232-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/21/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	37%		%REC	19-121	1	276180	10/20/21	10/21/21	TRN

Sample ID: S-36-1	Lab ID: 452232-012	Collected: 10/19/21 11:39
	Matrix: Soil	

452232-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/21/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	44%		%REC	19-121	1	276180	10/20/21	10/21/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452232

Sample ID: S-36-3	Lab ID: 452232-013	Collected: 10/19/21 11:46
	Matrix: Soil	

452232-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/21/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	55%		%REC	19-121	1	276180	10/20/21	10/21/21	TRN

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC950390**	**Batch: 276180**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC950390 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/20/21	10/20/21
Aroclor-1221	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1232	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1242	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1248	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1254	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1260	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1262	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1268	ND		ug/Kg	50	10/20/21	10/20/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	61%		%REC	19-121	10/20/21	10/20/21

Type: Lab Control Sample	**Lab ID: QC950391**	**Batch: 276180**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC950391 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	345.4	500.0	ug/Kg	69%		14-150
Aroclor-1260	345.2	500.0	ug/Kg	69%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	32.09	50.00	ug/Kg	64%		19-121

Type: Matrix Spike	**Lab ID: QC950392**	**Batch: 276180**
Matrix (Source ID): Soil (452232-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC950392 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	447.6	ND	500.0	ug/Kg	90%		42-127	10
Aroclor-1260	381.8	ND	500.0	ug/Kg	76%		38-130	10
Surrogates								
Decachlorobiphenyl (PCB)	32.74		50.00	ug/Kg	65%		19-121	10

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC950393**	**Batch:**	**276180**
Matrix (Source ID):	**Soil (452232-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC950393 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	477.0	ND	500.0	ug/Kg	95%		42-127	6	30	10
Aroclor-1260	386.7	ND	500.0	ug/Kg	77%		38-130	1	30	10
Surrogates										
Decachlorobiphenyl (PCB)	34.51		50.00	ug/Kg	69%		19-121			10

ND Not Detected

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931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

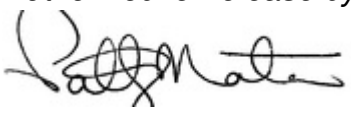
Lab Job Number: 455032
Report Level: II
Report Date: 12/20/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - CLOW

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 455032
Project No: CLOW
Location: CLOW
Date Received: 12/13/21

Sample ID	Lab ID	Collected	Matrix
P-6-0	455032-001	12/13/21 08:06	Soil
P-6-1	455032-002	12/13/21 08:28	Soil
P-7-0	455032-003	12/13/21 08:57	Soil
P-6-3	455032-004	12/13/21 09:01	Soil
P-8-0	455032-005	12/13/21 09:12	Soil
P-8-1	455032-006	12/13/21 09:20	Soil
P-7-1	455032-007	12/13/21 09:23	Soil
P-8-3	455032-008	12/13/21 09:30	Soil
P-7-3	455032-009	12/13/21 09:35	Soil
P-9-0	455032-010	12/13/21 09:41	Soil
P-10-0	455032-011	12/13/21 09:48	Soil
P-10-1	455032-012	12/13/21 10:00	Soil
P-9-1	455032-013	12/13/21 10:03	Soil
P-10-3	455032-014	12/13/21 10:29	Soil
P-9-3	455032-015	12/13/21 10:37	Soil
P-11-0	455032-016	12/13/21 10:48	Soil
P-11-1	455032-017	12/13/21 10:58	Soil
P-11-3	455032-018	12/13/21 11:21	Soil
S-37-1	455032-019	12/13/21 08:00	Soil
S-37-3	455032-020	12/13/21 08:51	Soil
S-38-1	455032-021	12/13/21 08:08	Soil
S-38-3	455032-022	12/13/21 08:58	Soil
PS44-1	455032-023	12/13/21 09:51	Soil
S-44-3	455032-024	12/13/21 10:25	Soil
S-60-1	455032-025	12/13/21 09:56	Soil
S-60-3	455032-026	12/13/21 10:20	Soil
S-49-1	455032-027	12/13/21 10:45	Soil
S-49-3	455032-028	12/13/21 10:58	Soil

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 455032
Project No: CLOW
Location: CLOW
Date Received: 12/13/21

Sample ID	Lab ID	Collected	Matrix
S-59-1	455032-029	12/13/21 11:02	Soil
S-48-1	455032-030	12/13/21 11:20	Soil
S-48-3	455032-031	12/13/21 11:35	Soil
S-59-3	455032-032	12/13/21 11:56	Soil
P-1-1	455032-033	12/13/21 12:47	Soil
P-2-1	455032-034	12/13/21 12:51	Soil
P-2-0	455032-035	12/13/21 12:55	Soil
P-1-0	455032-036	12/13/21 12:53	Soil
P-1-3	455032-037	12/13/21 13:06	Soil
P-3-0	455032-038	12/13/21 12:59	Soil
P-3-1	455032-039	12/13/21 13:01	Soil
P-3-3	455032-040	12/13/21 13:16	Soil
P-2-3	455032-041	12/13/21 13:24	Soil
P-4-0	455032-042	12/13/21 13:30	Soil
P-5-0	455032-043	12/13/21 13:38	Soil
P-4-1	455032-044	12/13/21 13:45	Soil
P-5-1	455032-045	12/13/21 13:50	Soil
P-4-3	455032-046	12/13/21 13:55	Soil
P-5-3	455032-047	12/13/21 14:02	Soil
S-50-1	455032-048	12/13/21 14:30	Soil
S-50-3	455032-049	12/13/21 14:37	Soil
S-39-1	455032-050	12/13/21 14:44	Soil
S-39-3	455032-051	12/13/21 14:50	Soil
S-51-1	455032-052	12/13/21 14:54	Soil
S-51-3	455032-053	12/13/21 14:58	Soil
S-45-1	455032-054	12/13/21 15:03	Soil
S-45-3	455032-055	12/13/21 15:12	Soil
S-52-1	455032-056	12/13/21 15:17	Soil

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	455032
Project No:	CLOW
Location:	CLOW
Date Received:	12/13/21

Sample ID	Lab ID	Collected	Matrix
S-52-3	455032-057	12/13/21 15:21	Soil
S-53-1	455032-058	12/13/21 15:42	Soil
S-55-1	455032-059	12/13/21 15:20	Soil
S-46-1	455032-060	12/13/21 15:47	Soil
S-43-1	455032-061	12/13/21 13:25	Soil
S-43-3	455032-062	12/13/21 13:40	Soil
S-42-1	455032-063	12/13/21 13:35	Soil
S-42-3	455032-064	12/13/21 14:05	Soil
S-57-1	455032-065	12/13/21 13:52	Soil
S-57-3	455032-066	12/13/21 14:15	Soil
S-56-1	455032-067	12/13/21 14:30	Soil
S-56-2	455032-068	12/13/21 14:55	Soil
S-47-1	455032-069	12/13/21 14:50	Soil
S-47-2	455032-070	12/13/21 15:15	Soil
S-55-3	455032-071	12/13/21 15:45	Soil
S-53-3	455032-072	12/13/21 16:00	Soil
S-46-3	455032-073	12/13/21 16:10	Soil

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Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 455032 Project No: CLOW Location: CLOW Date Received: 12/13/21

This data package contains sample and QC results for seventy three soil samples, requested for the above referenced project on 12/13/21. The samples were received cold and intact.

PCBs (EPA 8082):

High recoveries were observed for Aroclor-1016 in the MS/MSD of P-6-0 (lab # 455032-001); the LCS was within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples. High recoveries were observed for Aroclor-1016 in the MS/MSD of P-2-3 (lab # 455032-041); the LCS was within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples. High recoveries were observed for Aroclor-1016 and Aroclor-1260 in the MS/MSD of S-43-1 (lab # 455032-061); the LCS was within limits, and the associated RPDs were within limits. High surrogate recovery was observed for decachlorobiphenyl (PCB) in P-5-0 (lab # 455032-043). No other analytical problems were encountered.

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Chain of Custody Record

Lab No: 456032

Page: 1 of 8

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

951 W. Bentley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A – Air S – Soil/Solid W – Water DW – Drinking Water SD – Sediment PP – Pure Product SDA – Sea Water SW – Swab T – Tissue WP – Wipe O – Other

Preservatives: 1 – $Na_2S_2O_3$ 2 – HCl 3 – HNO_3 4 – H_2SO_4 5 – NaOH 6 – Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthtech Consultants	Quote #:	
Report To:	Becky Sundkson	Proj. Name:	Clow
Email:	BSundkson@Earthtech.com	Proj. #:	
Address:	1168 Town and Country Rd	P.O. #:	
	Suite 200 Orange, CA	Address:	1315 Magnolia Ave
Phone:	(714) 321-8026	Global ID:	
Fax:		Sampled By:	LL/PAS/JDB/AA

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 PCBs – Soxhlet; Cold Lead	Test Instructions / Comments
1	P-6-0	12/13/21	0806	S	1 | 4oz	—	X X	* See Dan or Patty, possible high levels
2	P-6-1	12/13/21	0828	S	1 | 4oz	—	X X	
3	P-7-0	12/13/21	0857	S	1 | 4oz	—	X X	
4	P-6-3	12/13/21	0901	S	1 | 4oz	—	X X	
5	P-8-0	12/13/21	0918	S	1 | 4oz	—	X X	
6	P-8-1	12/13/21	0920	S	1 | 4oz	—	X X	
7	P-7-1	12/13/21	0923	S	1 | 4oz	—	X X	
8	P-8-3	12/13/21	0930	S	1 | 4oz	—	X X	
9	P-7-3	12/13/21	0935	S	1 | 4oz	—	X X	
10	P-9-0	12/13/21	0941	S	1 | 4oz	—	X X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Becky Sundkson	Earthtech	12/13/21 16:53
1 Received By:		NICK	EA	12/13/21 16:57
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

5.7 | 1.0 5.6 | 1.4 5.1 | 1.8

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Chain of Custody Record

Lab No: 455032

Page: 2 of 8

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:
7 Day	X	1 Day:		Custom TAT:

Enthalpy Analytical - Orange

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Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (Lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	
Report To:	Becky Sundilson	Proj Name:	CLOW
Email:	BSundilson@earthcon.com	P.O. #:	
Address:	1100 Town and Country Rd	P.O. #:	
	Suite 200 orange CA	Address:	1375 Magnolia ave
Phone:	(714) 321-8626	Global ID:	
Fax:		Sampled By:	MC/RAS/JDB/AA

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082-PCBs Soxhlet	Lead 6010								Test Instructions / Comments
1	P-10-0	12/13/21	0948	S	1 | 4oz	—	X	X								* see Dan or Patty. possible high levels
2	P-10-1	12/13/21	1000	S	1 | 4oz	—	X	X								
3	P-9-1	12/13/21	1003	S	1 | 4oz	—	X	X								
4	P-10-3	12/13/21	1029	S	1 | 4oz	—	X	X								
5	P-9-3	12/13/21	1037	S	1 | 4oz	—	X	X								
6	P-11-0	12/13/21	1048	S	1 | 4oz	—	X	X								
7	P-11-1	12/13/21	1098	S	1 | 4oz	—	X	X								
8	P-11-3	12/13/21	1121	S	1 | 4oz	—	X	X								
9	S-37-1	12/13/21	0800	S	1 | 4oz	—	X	X								
10	S-37-3	12/13/21	0851	S	1 | 4oz	—	X	X								

	Signature	Print Name	Company / Title	Date / Time
Relinquished By:		Becky Sundilson	Earthcon	12/13/21 1615
Received By:		MKD	EH	12/13/21 16:13
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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Chain of Custody Record

Lab No: 455032

Page: 3 of 6

Turn Around Time (rush by advanced notice only)

Standard:		5 Day		3 Day.	
2 Day:	X	1 Day		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air, S = Soil/Solid, W = Water, DW = Drinking Water, SD = Sediment, PP = Pure Product, SEA = Sea Water, SW = Swab, T = Tissue, WP = Wipe, O = Other

Preservatives: 1 = $Na_2S_2O_3$, 2 = HCl, 3 = HNO_3, 4 = H_2SO_4, 5 = NaOH, 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	
Report To:	Becky Sundilson	Proj. Name:	Clow
Email:	BSundilson@earthcon.com	Proj. #:	
Address:	1108 Town and Country Rd	P.O. #:	
		Address:	1315 Magnolia Ave
Phone:	(714) 321-8024	Global ID:	
Fax:		Sampled By:	WC | RAS | JDB | AA

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 PCBs - soil/wipe	Analysis Request: 6010 Lead	Test Instructions / Comments
1	S-38-1	12/13/21	0808	S	1 | 4oz	—	X	X	*See Dan or Patty possible high levels
2	S-38-3	12/13/21	0858	S	1 | 4oz	—	X	X	
3	S-44-1	12/13/21	0961	S	1 | 4oz	—	X	X	
4	S-44-3	12/13/21	1025	S	1 | 4oz	—	X	X	
5	S-60-1	12/13/21	0950	S	1 | 4oz	—	X	X	
6	S-60-3	12/13/21	1020	S	1 | 4oz	—	X	X	
7	S-49-1	12/13/21	1045	S	1 | 4oz	—	X	X	
8	S-49-3	12/13/21	1058	S	1 | 4oz	—	X	X	
9	S-59-1	12/13/21	1102	S	1 | 4oz	—	X	X	
10	S-48-1	12/13/21	1120	S	1 | 4oz	—	X	X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Becky Sundilson	Earthcon	12/13/21 16:00
1 Received By:			EA	12/12/21 10:53
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone: 714-771-6900

Chain of Custody Record

Lab No: 455032
Page: 4 of 4

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: N = $Na_2S_2O_3$ 3 = HCl 2 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (Lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Partner in Environments		
Report to:	Becky Sundstrom	Proj. Name:	Clow
Email:	BSundstrom@partnerinc.com	Proj. #:	
Address:	1100 Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address:	1375 Magnolia Ave
Phone:	(714) 321-8600	GlobalID:	
Fax:		Sampled By:	WL/JDB/RAS/AA

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 PCBs soxhlet	6010 Lead	Test Instructions / Comments
1	S-48-3	12/13/21	1135	S	1 / 4oz	—	X	X	*Keenan or Patty Possible high levels
2	S-59-3	12/13/21	1156	S	1 / 4oz	—	X	X	
3	P-1-1	12/13/21	1247	S	2 / 4oz	—	X	X	
4	P-2-1	12/13/21	1251	S	2 / 4oz	—	X	X	
5	P-2-0	12/13/21	1255	S	2 / 4oz	—	X	X	
6	P-1-0	12/13/21	1253	S	2 / 4oz	—	X	X	
7	P-1-3	12/13/21	1300	S	2 / 4oz	—	X	X	
8	P-3-0	12/13/21	1259	S	2 / 4oz	—	X	X	
9	P-3-1	12/13/21	1301	S	2 / 4oz	—	X	X	
10	P-3-3	12/13/21	1310	S	2 / 4oz	—	X	X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Becky Sundstrom	Partner	12/13/21 16:45
1 Received By:		Nick	EA	12/13/21 16:45
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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Chain of Custody Record

Lab No: 455032

Page: 5 of 6

Turn Around Time (rush by advanced notice only)

Standard: X | 5 Day: | 3 Day: | 2 Day: | 1 Day: | Custom TAT:

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714 771 6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = KI 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: ____ (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	
Report To:	Becky Sundnson	Proj. Name:	CDCW
Email:	BSundnson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address:	375 Magnolia Ave
Phone	(714) 321-8626	Global ID:	
Fax:		Sampled By:	[illegible]

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Preс.	Analysis Request: 8082A-PCBs - Soxhlet; 6010 Lead	Test Instructions / Comments
1	P-2-3	12/13/21	1324	S	2 4oz	—	XX	* See pan or path. possible high levels
2	P-4-0	12/13/21	1330	S	2 4oz	—	XX	
3	P-5-0	12/13/21	1338	S	2 4oz	—	XX	
4	P-4-1	12/13/21	1345	S	2 4oz	—	XX	
5	P-5-1	12/13/21	1350	S	2 4oz	—	XX	
6	P-4-3	12/13/21	1355	S	2 4oz	—	XX	
7	P-6-3	12/13/21	1402	S	2 4oz	—	XX	
8	S-50-1	12/13/21	1430	S	2 4oz	—	XX	
9	S-50-3	12/13/21	1437	S	2 4oz	—	XX	
10	S-39-1	12/13/21	1444	S	2 4oz	—	XX	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	Becky Sundnson	Earthcon	12/13/21 16:53
1 Received By:	[signature]	[illegible]	EA	12/13/21 16:53
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 455032

Page: 1 of 8

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants		
Report To	Becky Sandilson	Proj. Name:	Clow
Email:	BSandilson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address:	1375 Magnolia Ave
Phone:	(714) 321-6626	Global ID:	
Fax		Sampled By	Will Smith/Ryan Smith

Analysis Request: 8080-PCBs - Soxhlet; 6010 Lead

Test Instructions / Comments: *see Dan or Patty possible high levels

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1	S-39-3	12/13/21	1450	S	2/4oz	—
2	S-51-1	12/13/21	1454	S	2/4oz	—
3	S-51-3	12/13/21	1458	S	2/4oz	—
4	S-45-1	12/13/21	1503	S	2/4oz	—
5	S-45-3	12/13/21	1512	S	2/4oz	—
6	S-52-1	12/13/21	1517	S	2/4oz	—
7	S-52-3	12/13/21	1521	S	2/4oz	—
8	S-53-1	12/13/21	1542	S	2/4oz	—
9	S-55-1	12/13/21	1520	S	2/4oz	—
10	S-40-1	12/13/21	1547	S	2/4oz	—

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Becky Sandilson	Earthcon	12/14/21 16:50
1 Received By:	Will Smith	Nick O	EA	12/13/21 16:57
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record

Lab No: 455032
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Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:	X	1 Day:		Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SLA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservative: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Enthalpy	Project #:	
Report To:	B. Sundlin	Proj. Name:	Clearwater
Email:	BSundlin@enthalpy.com	Proj. #:	
Address:		P.O. #	
		Address	
Phone:		Global ID:	
Fax:		Sampled By:	

Analysis Request: PCB (Soxhlet Ext), Lead

Test Instructions / Comments: * Soil putty knife possible high levels

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1	S-43-1	12/13/21	1325	S	2/402	6
2	S-43-3		1340			
3	S-42-1		1325			
4	S-42-3		1405			
5	S-57-1		1352			
6	S-57-3		1415			
7	S-56-1		1430			
8	S-56-2		1455			
9	S-47-1		1480			
10	S-47-2		1515			

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Beau Sundlin	Enthalpy	12/13/21 1645
1 Received By:	Mick	Mick G	EA	12/13/21 1645
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 455032

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Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: N = $Na_2S_2O_3$ H = HCl I = HNO_3 S = H_2SO_4 S = NaOH O = Other

Sample Receipt Temp: (laboratory)

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Enthalpy	Quote #:	
Report To:	B. Smith	Proj. Name:	Clam Valve
Email:	BSmith@enthalpy.com	Proj. #:	
Address:		P.O. #:	
		Address:	
Phone:		Global ID:	
Fax:		Sampled By:	

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1	S-55-3	12/13/21	1545	S	2/402	C
2	S-53-3	↓	1610	↓	↓	↓
3	S-46-3	↓	1610	↓	↓	↓
4						
5						
6						
7						
8						
9						
10						

Analysis Request: O/G Sieve, Lead

Test Instructions / Comments: Sediment likely possible high levels

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Bailey Smith	Enthalpy	12/13/21 1645
1 Received By:		NICK G	EA	12/13/21 16:43
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
5 Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: EarthCon Consultants CA, Inc. Project: CLOW

Date Received: 12/13/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 3 ☐ No (see section 3) Sample Temp (°C) (No Cooler):

Sample Temp (°C), One from each cooler: #1: 5.7 #2: 5.6 #3: 5.1 #4:

Acceptance range is 0-6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.

Shipping Information:

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other

Cooler Temp (°C): #1: 1.0 #2: 1.4 #3: 1.3 #4:

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)		✔	
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Sample 68,70, on Jars dont match COC

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: Date/Time:

☐ Email Email sent to/on: /

Project Manager's response:

Completed By: Date: 12/13/21

ENTHALPY ANALYTICAL

Analysis Results for 455032

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 455032
Project No: CLOW
Location: CLOW
Date Received: 12/13/21

Sample ID: P-6-0 **Lab ID: 455032-001** **Collected: 12/13/21 08:06**
Matrix: Soil

455032-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**180**		mg/Kg	0.93	0.93	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**1,600**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	88%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 455032

Sample ID: P-6-1	Lab ID: 455032-002	Collected: 12/13/21 08:28
	Matrix: Soil	

455032-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**7.5**		mg/Kg	1.0	1	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279799	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1248	**270**		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	88%		%REC	19-121	1	279799	12/14/21	12/15/21	TRN

Sample ID: P-7-0	Lab ID: 455032-003	Collected: 12/13/21 08:57
	Matrix: Soil	

455032-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**53**		mg/Kg	1.0	1	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**1,200**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	96%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 455032

Sample ID: P-6-3	Lab ID: 455032-004	Collected: 12/13/21 09:01
	Matrix: Soil	

455032-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**22**		mg/Kg	1.1	1.1	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**1,700**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	74%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Sample ID: P-8-0	Lab ID: 455032-005	Collected: 12/13/21 09:12
	Matrix: Soil	

455032-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**38**		mg/Kg	0.97	0.97	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	50,000	500	279799	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	25,000	500	279799	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	25,000	500	279799	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	25,000	500	279799	12/14/21	12/15/21	TRN
Aroclor-1248	ND		ug/Kg	25,000	500	279799	12/14/21	12/15/21	TRN
Aroclor-1254	**330,000**		ug/Kg	25,000	500	279799	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	25,000	500	279799	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	25,000	500	279799	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	25,000	500	279799	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	500	279799	12/14/21	12/15/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: P-8-1	Lab ID: 455032-006	Collected: 12/13/21 09:20
	Matrix: Soil	

455032-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**89**		mg/Kg	0.93	0.93	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**2,000**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	82%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Sample ID: P-7-1	Lab ID: 455032-007	Collected: 12/13/21 09:23
	Matrix: Soil	

455032-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**18**		mg/Kg	1.1	1.1	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**6,500**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	72%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 455032

Sample ID: P-8-3	Lab ID: 455032-008	Collected: 12/13/21 09:30
	Matrix: Soil	

455032-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**250**		mg/Kg	1.0	1	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**10,000**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	**6,800**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	84%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Sample ID: P-7-3	Lab ID: 455032-009	Collected: 12/13/21 09:35
	Matrix: Soil	

455032-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**240**		mg/Kg	0.93	0.93	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**9,600**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	87%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 455032

Sample ID: P-9-0	Lab ID: 455032-010	Collected: 12/13/21 09:41
	Matrix: Soil	

455032-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**13**		mg/Kg	1.0	1	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**810**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	98%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Sample ID: P-10-0	Lab ID: 455032-011	Collected: 12/13/21 09:48
	Matrix: Soil	

455032-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**9.7**		mg/Kg	1.1	1.1	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279799	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	90%		%REC	19-121	1	279799	12/14/21	12/15/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: P-10-1	Lab ID: 455032-012	Collected: 12/13/21 10:00
	Matrix: Soil	

455032-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**14**		mg/Kg	0.94	0.94	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**930**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	89%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Sample ID: P-9-1	Lab ID: 455032-013	Collected: 12/13/21 10:03
	Matrix: Soil	

455032-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**9.5**		mg/Kg	1.1	1.1	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**1,200**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	94%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 455032

Sample ID: P-10-3	Lab ID: 455032-014	Collected: 12/13/21 10:29
	Matrix: Soil	

455032-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**170**		mg/Kg	1.0	1	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279799	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1248	**590**		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1254	**330**		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	62%		%REC	19-121	1	279799	12/14/21	12/15/21	TRN

Sample ID: P-9-3	Lab ID: 455032-015	Collected: 12/13/21 10:37
	Matrix: Soil	

455032-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**44**		mg/Kg	0.92	0.92	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**4,700**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	**730**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	82%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 455032

Sample ID: P-11-0	Lab ID: 455032-016	Collected: 12/13/21 10:48
	Matrix: Soil	

455032-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**19**		mg/Kg	1.0	1	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**710**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	78%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Sample ID: P-11-1	Lab ID: 455032-017	Collected: 12/13/21 10:58
	Matrix: Soil	

455032-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**130**		mg/Kg	1.0	1	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279799	12/14/21	12/14/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1248	**860**		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279799	12/14/21	12/14/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	95%		%REC	19-121	10	279799	12/14/21	12/14/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: P-11-3	Lab ID: 455032-018	Collected: 12/13/21 11:21
	Matrix: Soil	

455032-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**21**		mg/Kg	0.95	0.95	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279799	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1260	**67**		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	70%		%REC	19-121	1	279799	12/14/21	12/15/21	TRN

Sample ID: S-37-1	Lab ID: 455032-019	Collected: 12/13/21 08:00
	Matrix: Soil	

455032-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**6.1**		mg/Kg	0.93	0.93	279869	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279799	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1248	**180**		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	78%		%REC	19-121	1	279799	12/14/21	12/15/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-37-3	Lab ID: 455032-020	Collected: 12/13/21 08:51
	Matrix: Soil	

455032-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**8.9**		mg/Kg	0.94	0.94	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279799	12/14/21	12/15/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TJW
Aroclor-1248	**250**		ug/Kg	50	1	279799	12/14/21	12/15/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TJW
Aroclor-1260	**53**		ug/Kg	50	1	279799	12/14/21	12/15/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	279799	12/14/21	12/15/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	86%		%REC	19-121	1	279799	12/14/21	12/15/21	TJW

Sample ID: S-38-1	Lab ID: 455032-021	Collected: 12/13/21 08:08
	Matrix: Soil	

455032-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**7.8**		mg/Kg	1.1	1.1	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1248	**260**		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	67%		%REC	19-121	1	279844	12/14/21	12/15/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-38-3	Lab ID: 455032-022	Collected: 12/13/21 08:58
	Matrix: Soil	

455032-022 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**8.6**		mg/Kg	1.0	1	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	85%		%REC	19-121	1	279844	12/14/21	12/15/21	TRN

Sample ID: PS44-1	Lab ID: 455032-023	Collected: 12/13/21 09:51
	Matrix: Soil	

455032-023 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**65**		mg/Kg	1.0	1	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1248	**2,900**		ug/Kg	500	10	279844	12/14/21	12/16/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	75%		%REC	19-121	1	279844	12/14/21	12/15/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-44-3	Lab ID: 455032-024	Collected: 12/13/21 10:25
	Matrix: Soil	

455032-024 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**18**		mg/Kg	0.94	0.94	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1248	**500**		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	71%		%REC	19-121	1	279844	12/14/21	12/15/21	TRN

Sample ID: S-60-1	Lab ID: 455032-025	Collected: 12/13/21 09:56
	Matrix: Soil	

455032-025 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**40**		mg/Kg	1.0	1	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1248	**21,000**		ug/Kg	5,000	100	279844	12/14/21	12/16/21	TRN
Aroclor-1254	**16,000**		ug/Kg	5,000	100	279844	12/14/21	12/16/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	80%		%REC	19-121	1	279844	12/14/21	12/15/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-60-3	Lab ID: 455032-026	Collected: 12/13/21 10:20
	Matrix: Soil	

455032-026 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**7.7**		mg/Kg	0.93	0.93	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1248	**330**		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1254	**160**		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	73%		%REC	19-121	1	279844	12/14/21	12/15/21	TRN

Sample ID: S-49-1	Lab ID: 455032-027	Collected: 12/13/21 10:45
	Matrix: Soil	

455032-027 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**12**		mg/Kg	1.0	1	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	74%		%REC	19-121	1	279844	12/14/21	12/15/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-49-3	Lab ID: 455032-028	Collected: 12/13/21 10:58
	Matrix: Soil	

455032-028 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.4**		mg/Kg	0.99	0.99	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	83%		%REC	19-121	1	279844	12/14/21	12/15/21	TRN

Sample ID: S-59-1	Lab ID: 455032-029	Collected: 12/13/21 11:02
	Matrix: Soil	

455032-029 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**14**		mg/Kg	0.97	0.97	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/16/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1248	**120**		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1254	**110**		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	90%		%REC	19-121	1	279844	12/14/21	12/16/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-48-1	Lab ID: 455032-030	Collected: 12/13/21 11:20
	Matrix: Soil	

455032-030 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**7.3**		mg/Kg	1.1	1.1	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/16/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	79%		%REC	19-121	1	279844	12/14/21	12/16/21	TRN

Sample ID: S-48-3	Lab ID: 455032-031	Collected: 12/13/21 11:35
	Matrix: Soil	

455032-031 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.2**		mg/Kg	0.99	0.99	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/16/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	79%		%REC	19-121	1	279844	12/14/21	12/16/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-59-3	Lab ID: 455032-032	Collected: 12/13/21 11:56
	Matrix: Soil	

455032-032 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**3.9**		mg/Kg	0.93	0.93	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/16/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	79%		%REC	19-121	1	279844	12/14/21	12/16/21	TRN

Sample ID: P-1-1	Lab ID: 455032-033	Collected: 12/13/21 12:47
	Matrix: Soil	

455032-033 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**44**		mg/Kg	0.97	0.97	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279844	12/14/21	12/16/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1260	**240**		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279844	12/14/21	12/16/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	79%		%REC	19-121	1	279844	12/14/21	12/16/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: P-2-1	Lab ID: 455032-034	Collected: 12/13/21 12:51
	Matrix: Soil	

455032-034 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**150**		mg/Kg	0.98	0.98	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1248	**30,000**		ug/Kg	5,000	100	279844	12/14/21	12/16/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1260	**2,900**		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	103%		%REC	19-121	10	279844	12/14/21	12/15/21	TRN

Sample ID: P-2-0	Lab ID: 455032-035	Collected: 12/13/21 12:55
	Matrix: Soil	

455032-035 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**160**		mg/Kg	0.93	0.93	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1248	**15,000**		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1260	**2,400**		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	100%		%REC	19-121	10	279844	12/14/21	12/15/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: P-1-0	Lab ID: 455032-036	Collected: 12/13/21 12:53
	Matrix: Soil	

455032-036 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**290**		mg/Kg	0.88	0.88	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1248	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1254	**8,300**		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1260	**13,000**		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	104%		%REC	19-121	10	279844	12/14/21	12/15/21	TRN

Sample ID: P-1-3	Lab ID: 455032-037	Collected: 12/13/21 13:06
	Matrix: Soil	

455032-037 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**54**		mg/Kg	0.85	0.85	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1248	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1260	**640**		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	109%		%REC	19-121	10	279844	12/14/21	12/15/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 455032

Sample ID: P-3-0	Lab ID: 455032-038	Collected: 12/13/21 12:59
	Matrix: Soil	

455032-038 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**210**		mg/Kg	1.1	1.1	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1248	**5,500**		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1254	**2,900**		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	108%		%REC	19-121	10	279844	12/14/21	12/15/21	TRN

Sample ID: P-3-1	Lab ID: 455032-039	Collected: 12/13/21 13:01
	Matrix: Soil	

455032-039 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**180**		mg/Kg	1.0	1	279870	12/14/21	12/15/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1248	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1254	**6,600**		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1260	**1,800**		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	102%		%REC	19-121	10	279844	12/14/21	12/15/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: P-3-3	Lab ID: 455032-040	Collected: 12/13/21 13:16
	Matrix: Soil	

455032-040 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**220**		mg/Kg	0.91	0.91	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279844	12/14/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1248	**15,000**		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1260	**1,900**		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279844	12/14/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	108%		%REC	19-121	10	279844	12/14/21	12/15/21	TRN

Sample ID: P-2-3	Lab ID: 455032-041	Collected: 12/13/21 13:24
	Matrix: Soil	

455032-041 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**53**		mg/Kg	1.1	1.1	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	99	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1248	**880**		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1254	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1260	**150**		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	80%		%REC	19-121	0.99	279899	12/15/21	12/17/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 455032

Sample ID: P-4-0	Lab ID: 455032-042	Collected: 12/13/21 13:30
	Matrix: Soil	

455032-042 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**180**		mg/Kg	0.86	0.86	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	99	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1248	**1,100**		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1254	**420**		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	103%		%REC	19-121	0.99	279899	12/15/21	12/17/21	TRN

Sample ID: P-5-0	Lab ID: 455032-043	Collected: 12/13/21 13:38
	Matrix: Soil	

455032-043 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**630**		mg/Kg	0.92	0.92	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	990	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1248	**6,000**		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1254	**3,400**		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1260	**670**		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	129%	*	%REC	19-121	9.9	279899	12/15/21	12/17/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: P-4-1	Lab ID: 455032-044	Collected: 12/13/21 13:45
	Matrix: Soil	

455032-044 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**100**		mg/Kg	0.85	0.85	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	279899	12/15/21	12/17/21	TRN
Aroclor-1248	**1,400**		ug/Kg	500	10	279899	12/15/21	12/17/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	500	10	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	119%		%REC	19-121	10	279899	12/15/21	12/17/21	TRN

Sample ID: P-5-1	Lab ID: 455032-045	Collected: 12/13/21 13:50
	Matrix: Soil	

455032-045 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**87**		mg/Kg	1.0	1	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	990	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1248	**2,500**		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1254	**2,100**		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	119%		%REC	19-121	9.9	279899	12/15/21	12/17/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: P-4-3	Lab ID: 455032-046	Collected: 12/13/21 13:55
	Matrix: Soil	

455032-046 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**19**		mg/Kg	0.90	0.9	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1248	**430**		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1254	**300**		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	93%		%REC	19-121	1	279899	12/15/21	12/17/21	TRN

Sample ID: P-5-3	Lab ID: 455032-047	Collected: 12/13/21 14:02
	Matrix: Soil	

455032-047 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**200**		mg/Kg	1.0	1	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	990	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1248	**3,200**		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1254	**1,700**		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	500	9.9	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	118%		%REC	19-121	9.9	279899	12/15/21	12/17/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-50-1	Lab ID: 455032-048	Collected: 12/13/21 14:30
	Matrix: Soil	

455032-048 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**45**		mg/Kg	0.93	0.93	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	99	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1248	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1254	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	101%		%REC	19-121	0.99	279899	12/15/21	12/17/21	TRN

Sample ID: S-50-3	Lab ID: 455032-049	Collected: 12/13/21 14:37
	Matrix: Soil	

455032-049 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**9.3**		mg/Kg	0.91	0.91	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	99	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1248	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1254	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	110%		%REC	19-121	0.99	279899	12/15/21	12/17/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-39-1	Lab ID: 455032-050	Collected: 12/13/21 14:44
	Matrix: Soil	

455032-050 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**8.4**		mg/Kg	0.97	0.97	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	510	10	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	510	10	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	510	10	279899	12/15/21	12/17/21	TRN
Aroclor-1248	**1,700**		ug/Kg	510	10	279899	12/15/21	12/17/21	TRN
Aroclor-1254	**1,600**		ug/Kg	510	10	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	510	10	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	510	10	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	510	10	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	45%		%REC	19-121	10	279899	12/15/21	12/17/21	TRN

Sample ID: S-39-3	Lab ID: 455032-051	Collected: 12/13/21 14:50
	Matrix: Soil	

455032-051 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**7.5**		mg/Kg	1.0	1	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	91%		%REC	19-121	1	279899	12/15/21	12/17/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-51-1	Lab ID: 455032-052	Collected: 12/13/21 14:54
	Matrix: Soil	

455032-052 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**11**		mg/Kg	1.0	1	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	80%		%REC	19-121	1	279899	12/15/21	12/17/21	TRN

Sample ID: S-51-3	Lab ID: 455032-053	Collected: 12/13/21 14:58
	Matrix: Soil	

455032-053 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.6**		mg/Kg	1.1	1.1	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	99	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1248	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1254	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	101%		%REC	19-121	0.99	279899	12/15/21	12/17/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-45-1	Lab ID: 455032-054	Collected: 12/13/21 15:03
	Matrix: Soil	

455032-054 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**9.8**		mg/Kg	0.93	0.93	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	99	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1248	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1254	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	103%		%REC	19-121	0.99	279899	12/15/21	12/17/21	TRN

Sample ID: S-45-3	Lab ID: 455032-055	Collected: 12/13/21 15:12
	Matrix: Soil	

455032-055 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**5.2**		mg/Kg	0.96	0.96	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	99	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1248	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1254	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	50	0.99	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	94%		%REC	19-121	0.99	279899	12/15/21	12/17/21	TRN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-52-1	Lab ID: 455032-056	Collected: 12/13/21 15:17
	Matrix: Soil	

455032-056 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**3.5**		mg/Kg	1.1	1.1	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279899	12/15/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279899	12/15/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	93%		%REC	19-121	1	279899	12/15/21	12/17/21	TRN

Sample ID: S-52-3	Lab ID: 455032-057	Collected: 12/13/21 15:21
	Matrix: Soil	

455032-057 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.2**		mg/Kg	0.99	0.99	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	98	0.98	279899	12/15/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	49	0.98	279899	12/15/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	49	0.98	279899	12/15/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	49	0.98	279899	12/15/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	49	0.98	279899	12/15/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	49	0.98	279899	12/15/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	49	0.98	279899	12/15/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	49	0.98	279899	12/15/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	49	0.98	279899	12/15/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	54%		%REC	19-121	0.98	279899	12/15/21	12/18/21	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 455032

Sample ID: S-53-1	Lab ID: 455032-058	Collected: 12/13/21 15:42
	Matrix: Soil	

455032-058 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**7.1**		mg/Kg	0.90	0.9	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279899	12/15/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	59%		%REC	19-121	1	279899	12/15/21	12/18/21	TJW

Sample ID: S-55-1	Lab ID: 455032-059	Collected: 12/13/21 15:20
	Matrix: Soil	

455032-059 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**6.1**		mg/Kg	0.99	0.99	279889	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	99	0.99	279899	12/15/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	0.99	279899	12/15/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	0.99	279899	12/15/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	0.99	279899	12/15/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	0.99	279899	12/15/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	0.99	279899	12/15/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	0.99	279899	12/15/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	0.99	279899	12/15/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	0.99	279899	12/15/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	59%		%REC	19-121	0.99	279899	12/15/21	12/18/21	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-46-1	Lab ID: 455032-060	Collected: 12/13/21 15:47
	Matrix: Soil	

455032-060 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**6.2**		mg/Kg	1.0	1	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279899	12/15/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	279899	12/15/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	60%		%REC	19-121	1	279899	12/15/21	12/18/21	TJW

Sample ID: S-43-1	Lab ID: 455032-061	Collected: 12/13/21 13:25
	Matrix: Soil	

455032-061 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**9.7**		mg/Kg	0.91	0.91	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	280084	12/16/21	12/17/21	TRN
Aroclor-1221	ND		ug/Kg	500	10	280084	12/16/21	12/17/21	TRN
Aroclor-1232	ND		ug/Kg	500	10	280084	12/16/21	12/17/21	TRN
Aroclor-1242	ND		ug/Kg	500	10	280084	12/16/21	12/17/21	TRN
Aroclor-1248	**650**		ug/Kg	500	10	280084	12/16/21	12/17/21	TRN
Aroclor-1254	ND		ug/Kg	500	10	280084	12/16/21	12/17/21	TRN
Aroclor-1260	**1,000**		ug/Kg	500	10	280084	12/16/21	12/17/21	TRN
Aroclor-1262	ND		ug/Kg	500	10	280084	12/16/21	12/17/21	TRN
Aroclor-1268	ND		ug/Kg	500	10	280084	12/16/21	12/17/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	113%		%REC	19-121	10	280084	12/16/21	12/17/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 455032

Sample ID: S-43-3	Lab ID: 455032-062	Collected: 12/13/21 13:40
	Matrix: Soil	

455032-062 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**8.0**		mg/Kg	1.1	1.1	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	280084	12/16/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	59%		%REC	19-121	1	280084	12/16/21	12/18/21	TJW

Sample ID: S-42-1	Lab ID: 455032-063	Collected: 12/13/21 13:35
	Matrix: Soil	

455032-063 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**4.8**		mg/Kg	1.0	1	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	280084	12/16/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	65%		%REC	19-121	1	280084	12/16/21	12/18/21	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-42-3	Lab ID: 455032-064	Collected: 12/13/21 14:05
	Matrix: Soil	

455032-064 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.7**		mg/Kg	0.90	0.9	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	280084	12/16/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	59%		%REC	19-121	1	280084	12/16/21	12/18/21	TJW

Sample ID: S-57-1	Lab ID: 455032-065	Collected: 12/13/21 13:52
	Matrix: Soil	

455032-065 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**4.2**		mg/Kg	0.97	0.97	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	280084	12/16/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	61%		%REC	19-121	1	280084	12/16/21	12/18/21	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-57-3	Lab ID: 455032-066	Collected: 12/13/21 14:15
	Matrix: Soil	

455032-066 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**6.1**		mg/Kg	0.93	0.93	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	280084	12/16/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	60%		%REC	19-121	1	280084	12/16/21	12/18/21	TJW

Sample ID: S-56-1	Lab ID: 455032-067	Collected: 12/13/21 14:30
	Matrix: Soil	

455032-067 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**27**		mg/Kg	0.94	0.94	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	280084	12/16/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	57%		%REC	19-121	1	280084	12/16/21	12/18/21	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 455032

Sample ID: S-56-2	Lab ID: 455032-068	Collected: 12/13/21 14:55
	Matrix: Soil	

455032-068 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**4.8**		mg/Kg	1.1	1.1	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	280084	12/16/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	52%		%REC	19-121	1	280084	12/16/21	12/18/21	TJW

Sample ID: S-47-1	Lab ID: 455032-069	Collected: 12/13/21 14:50
	Matrix: Soil	

455032-069 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**5.7**		mg/Kg	1.0	1	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	280084	12/16/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	50%		%REC	19-121	1	280084	12/16/21	12/18/21	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 455032

Sample ID: S-47-2	Lab ID: 455032-070	Collected: 12/13/21 15:15
	Matrix: Soil	

455032-070 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.5**		mg/Kg	0.92	0.92	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	280084	12/16/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	52%		%REC	19-121	1	280084	12/16/21	12/18/21	TJW

Sample ID: S-55-3	Lab ID: 455032-071	Collected: 12/13/21 15:45
	Matrix: Soil	

455032-071 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.7**		mg/Kg	0.89	0.89	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	280084	12/16/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	51%		%REC	19-121	1	280084	12/16/21	12/18/21	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 455032

Sample ID: S-53-3	Lab ID: 455032-072	Collected: 12/13/21 16:00
	Matrix: Soil	

455032-072 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**3.2**		mg/Kg	0.93	0.93	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	280084	12/16/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	46%		%REC	19-121	1	280084	12/16/21	12/18/21	TJW

Sample ID: S-46-3	Lab ID: 455032-073	Collected: 12/13/21 16:10
	Matrix: Soil	

455032-073 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.2**		mg/Kg	0.98	0.98	279891	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	280084	12/16/21	12/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	280084	12/16/21	12/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	50%		%REC	19-121	1	280084	12/16/21	12/18/21	TJW

* Value is outside QC limits
DO Diluted Out
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC960707	Batch: 279799
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3541

QC960707 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	12/14/21	12/14/21
Aroclor-1221	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1232	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1242	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1248	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1254	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1260	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1262	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1268	ND		ug/Kg	50	12/14/21	12/14/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	70%		%REC	19-121	12/14/21	12/14/21

Type: Lab Control Sample	Lab ID: QC960708	Batch: 279799
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3541

QC960708 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	347.5	500.0	ug/Kg	69%		14-150
Aroclor-1260	347.7	500.0	ug/Kg	70%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	41.22	50.00	ug/Kg	82%		19-121

Type: Matrix Spike	Lab ID: QC960709	Batch: 279799
Matrix (Source ID): Soil (455032-001)	Method: EPA 8082	Prep Method: EPA 3541

QC960709 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	1,062	ND	500.0	ug/Kg	212%	*	42-127	10
Aroclor-1260	860.7	359.7	500.0	ug/Kg	100%		38-130	10
Surrogates								
Decachlorobiphenyl (PCB)	42.90		50.00	ug/Kg	86%		19-121	10

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC960710**	**Batch:**	**279799**
Matrix (Source ID):	**Soil (455032-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC960710 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	1,000	ND	500.0	ug/Kg	200%	*	42-127	6	30	10
Aroclor-1260	894.0	359.7	500.0	ug/Kg	107%		38-130	4	30	10
Surrogates										
Decachlorobiphenyl (PCB)	45.10		50.00	ug/Kg	90%		19-121			10

Type:	**Blank**	**Lab ID:**	**QC960802**	**Batch:**	**279844**
Matrix:	**Soil**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC960802 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	12/14/21	12/14/21
Aroclor-1221	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1232	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1242	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1248	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1254	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1260	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1262	ND		ug/Kg	50	12/14/21	12/14/21
Aroclor-1268	ND		ug/Kg	50	12/14/21	12/14/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	47%		%REC	19-121	12/14/21	12/14/21

Type:	**Lab Control Sample**	**Lab ID:**	**QC960803**	**Batch:**	**279844**
Matrix:	**Soil**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC960803 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	247.3	500.0	ug/Kg	49%		14-150
Aroclor-1260	199.0	500.0	ug/Kg	40%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	17.80	50.00	ug/Kg	36%		19-121

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC960807**	**Batch:**	**279844**
Matrix (Source ID):	**Soil (455032-021)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC960807 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	318.4	ND	500.0	ug/Kg		DO	42-127	10
Aroclor-1260	234.3	ND	500.0	ug/Kg	47%		38-130	10
Surrogates								
Decachlorobiphenyl (PCB)	26.48		50.00	ug/Kg	53%		19-121	10

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC960808**	**Batch:**	**279844**
Matrix (Source ID):	**Soil (455032-021)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC960808 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	402.4	ND	500.0	ug/Kg	80%		42-127		30	10
Aroclor-1260	289.7	ND	500.0	ug/Kg	58%		38-130	21	30	10
Surrogates										
Decachlorobiphenyl (PCB)	26.58		50.00	ug/Kg	53%		19-121			10

Type:	**Blank**	**Lab ID:**	**QC960846**	**Batch:**	**279869**
Matrix:	**Soil**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC960846 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	12/14/21	12/15/21

Type:	**Lab Control Sample**	**Lab ID:**	**QC960847**	**Batch:**	**279869**
Matrix:	**Soil**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC960847 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	106.9	100.0	mg/Kg	107%		80-120

Type:	**Matrix Spike**	**Lab ID:**	**QC960848**	**Batch:**	**279869**
Matrix (Source ID):	**Soil (455032-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC960848 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	274.1	175.7	101.0	mg/Kg	97%		75-125	1

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC960849	Batch:	279869
Matrix (Source ID):	Soil (455032-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC960849 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	269.2	175.7	102.0	mg/Kg	92%		75-125	2	20	1

Type:	Blank	Lab ID:	QC960851	Batch:	279870
Matrix:	Soil	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC960851 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	12/14/21	12/15/21

Type:	Lab Control Sample	Lab ID:	QC960852	Batch:	279870
Matrix:	Soil	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC960852 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	106.1	100.0	mg/Kg	106%		80-120

Type:	Matrix Spike	Lab ID:	QC960853	Batch:	279870
Matrix (Source ID):	Soil (455032-020)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC960853 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	122.5	8.887	109.9	mg/Kg	103%		75-125	1.1

Type:	Matrix Spike Duplicate	Lab ID:	QC960854	Batch:	279870
Matrix (Source ID):	Soil (455032-020)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC960854 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	127.0	8.887	111.1	mg/Kg	106%		75-125	3	20	1.1

Type:	Blank	Lab ID:	QC960921	Batch:	279889
Matrix:	Soil	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC960921 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	12/15/21	12/16/21

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC960922	Batch: 279889
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC960922 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	109.3	100.0	mg/Kg	109%		80-120

Type: Matrix Spike	Lab ID: QC960923	Batch: 279889
Matrix (Source ID): Soil (455032-040)	Method: EPA 6010B	Prep Method: EPA 3050B

QC960923 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	307.2	215.6	100.0	mg/Kg	92%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC960924	Batch: 279889
Matrix (Source ID): Soil (455032-040)	Method: EPA 6010B	Prep Method: EPA 3050B

QC960924 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	309.6	215.6	94.34	mg/Kg	100%		75-125	3	20	0.94

Type: Blank	Lab ID: QC960932	Batch: 279891
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC960932 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	12/15/21	12/16/21

Type: Lab Control Sample	Lab ID: QC960933	Batch: 279891
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC960933 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	106.9	100.0	mg/Kg	107%		80-120

Type: Matrix Spike	Lab ID: QC960934	Batch: 279891
Matrix (Source ID): Soil (455032-060)	Method: EPA 6010B	Prep Method: EPA 3050B

QC960934 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	106.4	6.189	97.09	mg/Kg	103%		75-125	0.97

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC960935**	**Batch:**	**279891**
Matrix (Source ID):	**Soil (455032-060)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3050B**

QC960935 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	97.98	6.189	88.50	mg/Kg	104%		75-125	0	20	0.88

Type:	**Blank**	**Lab ID:**	**QC960963**	**Batch:**	**279899**
Matrix:	**Soil**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC960963 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	12/15/21	12/16/21
Aroclor-1221	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1232	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1242	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1248	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1254	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1260	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1262	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1268	ND		ug/Kg	50	12/15/21	12/16/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	76%		%REC	19-121	12/15/21	12/16/21

Type:	**Lab Control Sample**	**Lab ID:**	**QC960964**	**Batch:**	**279899**
Matrix:	**Soil**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC960964 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	401.7	490.2	ug/Kg	82%		14-150
Aroclor-1260	379.1	490.2	ug/Kg	77%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	36.04	49.02	ug/Kg	74%		19-121

Type:	**Matrix Spike**	**Lab ID:**	**QC960965**	**Batch:**	**279899**
Matrix (Source ID):	**Soil (455032-041)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC960965 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	772.9	ND	505.1	ug/Kg	153%	*	42-127	10
Aroclor-1260	627.9	145.7	505.1	ug/Kg	95%		38-130	10
Surrogates								
Decachlorobiphenyl (PCB)	49.26		50.51	ug/Kg	98%		19-121	10

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC960966**	**Batch:**	**279899**
Matrix (Source ID):	**Soil (455032-041)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC960966 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	909.5	ND	495.0	ug/Kg	184%	*	42-127	18	30	9.9
Aroclor-1260	746.9	145.7	495.0	ug/Kg	121%		38-130	19	30	9.9
Surrogates										
Decachlorobiphenyl (PCB)	56.07		49.50	ug/Kg	113%		19-121			9.9

Type:	**Blank**	**Lab ID:**	**QC961475**	**Batch:**	**280084**
Matrix:	**Soil**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC961475 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	12/16/21	12/17/21
Aroclor-1221	ND		ug/Kg	50	12/16/21	12/17/21
Aroclor-1232	ND		ug/Kg	50	12/16/21	12/17/21
Aroclor-1242	ND		ug/Kg	50	12/16/21	12/17/21
Aroclor-1248	ND		ug/Kg	50	12/16/21	12/17/21
Aroclor-1254	ND		ug/Kg	50	12/16/21	12/17/21
Aroclor-1260	ND		ug/Kg	50	12/16/21	12/17/21
Aroclor-1262	ND		ug/Kg	50	12/16/21	12/17/21
Aroclor-1268	ND		ug/Kg	50	12/16/21	12/17/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	87%		%REC	19-121	12/16/21	12/17/21

Type:	**Lab Control Sample**	**Lab ID:**	**QC961476**	**Batch:**	**280084**
Matrix:	**Soil**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC961476 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	455.4	500.0	ug/Kg	91%		14-150
Aroclor-1260	475.6	500.0	ug/Kg	95%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	49.47	50.00	ug/Kg	99%		19-121

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC961477**	**Batch:**	**280084**
Matrix (Source ID):	**Soil (455032-061)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC961477 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	1,252	ND	500.0	ug/Kg	250%	*	42-127	10
Aroclor-1260	3,208	1017	500.0	ug/Kg	438%	*	38-130	10
Surrogates								
Decachlorobiphenyl (PCB)	60.44		50.00	ug/Kg	121%		19-121	10

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC961478**	**Batch:**	**280084**
Matrix (Source ID):	**Soil (455032-061)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC961478 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	1,105	ND	500.0	ug/Kg	221%	*	42-127	12	30	10
Aroclor-1260	2,562	1017	500.0	ug/Kg	309%	*	38-130	22	30	10
Surrogates										
Decachlorobiphenyl (PCB)	54.67		50.00	ug/Kg	109%		19-121			10

* Value is outside QC limits
DO Diluted Out
ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

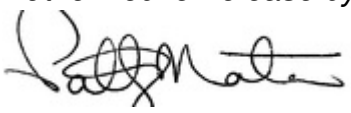
Lab Job Number: 455090
Report Level: II
Report Date: 12/17/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - CLOW Valve, 04.20150013.19 task 8

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

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Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	455090
Project No:	CLOW
Location:	CLOW Valve, 04.20150013.19 task 8
Date Received:	12/14/21

Sample ID	Lab ID	Collected	Matrix
S-54-1	455090-001	12/14/21 07:30	Soil
S-54-3	455090-002	12/14/21 07:38	Soil
S-40-1	455090-003	12/14/21 08:00	Soil
S-40-3	455090-004	12/14/21 08:25	Soil
S-41-1	455090-005	12/14/21 07:40	Soil
S-41-3	455090-006	12/14/21 08:40	Soil
S-58-1	455090-007	12/14/21 08:54	Soil
S-58-3	455090-008	12/14/21 09:05	Soil

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Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 455090 Project No: CLOW Location: CLOW Valve, 04.20150013.19 task 8 Date Received: 12/14/21

This data package contains sample and QC results for eight soil samples, requested for the above referenced project on 12/14/21. The samples were received cold and intact.

PCBs (EPA 8082):

S-54-1 (lab # 455090-001) was diluted due to the color of the sample extract. S-58-1 (lab # 455090-007) was diluted due to the dark color of the sample extract. No other analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

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Chain of Custody Record — Lab No: 455000 Lab use — Page: 1 of 1

Turn Around Time (rush by advanced notice only): Standard: X | 5 Day: | 3 Day: | Custom TAT: | 2 Day: | 1 Day:

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone: 714-771-6900

Matrix: A = Air, W = Water, SeaW = Sea Water, DW = Drinking Water, WP = Wipe, S = Soil, O = Oil, M = Other matrices (solid), L = Other matrices (aqueous)

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 4.2/25 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon	Quote #:	
Report to:	Becky Sundilson	Proj. Name:	Flow Valve
Email:	bsundilson@earthcon.com	Proj. #:	04.20500[illegible] EC
Address:		P.O. #:	04.20500[illegible]
		Address:	
Phone:	714-321-9625	Global ID:	
Fax:		Sampled By:	LL/BS/AA

Analysis Request: H2S Soil; Lead

Test Instructions / Comments: Please perform Mod. possible high levels

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No.	Pres.
1	S-54-1	12/14/21	0730	S	1/8oz-O	X
2	S-54-3		0738			
3	S-40-1		0800			
4	S-40-3		0925			
5	S-41-1		0740			
6	S-41-3		0840			
7	S-58-1		0854			
8	S-58-3	↓	0905	↓	↓	↓
9						
10						

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[signature]	Lindsey Langer	Earthcon / Staff Scientist	12/14/21 1314
1 Received By:	[signature]	Cecilia Salcedo	EA	12/14/21 1314
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: EarthCon — Project: CL OW Valve

Date Received: 12/14/21 — Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) — Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 4.2 #2: _____ #3: _____ #4: _____

(Acceptance range is <6°C but not frozen (for Microbiology samples, acceptance range is >0°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.1 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____ ☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: Heena Ghretti Date: 12/14/21

ENTHALPY ANALYTICAL

Analysis Results for 455090

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 455090
Project No: CLOW
Location: CLOW Valve, 04.20150013.19 task 8
Date Received: 12/14/21

Sample ID: S-54-1 **Lab ID: 455090-001** **Collected: 12/14/21 07:30**
Matrix: Soil

455090-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**5.0**		mg/Kg	0.84	0.84	279897	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	279917	12/15/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	100	2	279917	12/15/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	100	2	279917	12/15/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	100	2	279917	12/15/21	12/15/21	TRN
Aroclor-1248	ND		ug/Kg	100	2	279917	12/15/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	100	2	279917	12/15/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	100	2	279917	12/15/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	100	2	279917	12/15/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	100	2	279917	12/15/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	95%		%REC	19-121	2	279917	12/15/21	12/15/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 455090

Sample ID: S-54-3	Lab ID: 455090-002	Collected: 12/14/21 07:38
	Matrix: Soil	

455090-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**1.6**		mg/Kg	0.90	0.9	279897	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279917	12/15/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	77%		%REC	19-121	1	279917	12/15/21	12/15/21	TRN

Sample ID: S-40-1	Lab ID: 455090-003	Collected: 12/14/21 08:00
	Matrix: Soil	

455090-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**7.3**		mg/Kg	0.98	0.98	279897	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279917	12/15/21	12/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279917	12/15/21	12/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	78%		%REC	19-121	1	279917	12/15/21	12/15/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 455090

Sample ID: S-40-3	Lab ID: 455090-004	Collected: 12/14/21 08:25
	Matrix: Soil	

455090-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**1.3**		mg/Kg	1.0	1	279897	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279917	12/15/21	12/16/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	55%		%REC	19-121	1	279917	12/15/21	12/16/21	TRN

Sample ID: S-41-1	Lab ID: 455090-005	Collected: 12/14/21 07:40
	Matrix: Soil	

455090-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**2.0**		mg/Kg	1.0	1	279897	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279917	12/15/21	12/16/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	68%		%REC	19-121	1	279917	12/15/21	12/16/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 455090

Sample ID: S-41-3	Lab ID: 455090-006	Collected: 12/14/21 08:40
	Matrix: Soil	

455090-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**1.4**		mg/Kg	1.1	1.1	279897	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279917	12/15/21	12/16/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	75%		%REC	19-121	1	279917	12/15/21	12/16/21	TRN

Sample ID: S-58-1	Lab ID: 455090-007	Collected: 12/14/21 08:54
	Matrix: Soil	

455090-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**20**		mg/Kg	1.1	1.1	279897	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	500	5	279917	12/15/21	12/16/21	TRN
Aroclor-1221	ND		ug/Kg	250	5	279917	12/15/21	12/16/21	TRN
Aroclor-1232	ND		ug/Kg	250	5	279917	12/15/21	12/16/21	TRN
Aroclor-1242	ND		ug/Kg	250	5	279917	12/15/21	12/16/21	TRN
Aroclor-1248	ND		ug/Kg	250	5	279917	12/15/21	12/16/21	TRN
Aroclor-1254	ND		ug/Kg	250	5	279917	12/15/21	12/16/21	TRN
Aroclor-1260	ND		ug/Kg	250	5	279917	12/15/21	12/16/21	TRN
Aroclor-1262	ND		ug/Kg	250	5	279917	12/15/21	12/16/21	TRN
Aroclor-1268	ND		ug/Kg	250	5	279917	12/15/21	12/16/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	90%		%REC	19-121	5	279917	12/15/21	12/16/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 455090

Sample ID: S-58-3	Lab ID: 455090-008	Collected: 12/14/21 09:05
	Matrix: Soil	

455090-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 6010B Prep Method: EPA 3050B									
Lead	**4.5**		mg/Kg	0.97	0.97	279897	12/15/21	12/16/21	KLN
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	279917	12/15/21	12/16/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	279917	12/15/21	12/16/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	75%		%REC	19-121	1	279917	12/15/21	12/16/21	TRN

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC960957	Batch: 279897
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC960957 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	1.0	12/15/21	12/16/21

Type: Lab Control Sample	Lab ID: QC960958	Batch: 279897
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC960958 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	109.9	100.0	mg/Kg	110%		80-120

Type: Matrix Spike	Lab ID: QC960959	Batch: 279897
Matrix (Source ID): Soil (455090-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC960959 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	93.77	5.006	84.75	mg/Kg	105%		75-125	0.85

Type: Matrix Spike Duplicate	Lab ID: QC960960	Batch: 279897
Matrix (Source ID): Soil (455090-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC960960 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	93.82	5.006	86.21	mg/Kg	103%		75-125	2	20	0.86

Type: Blank	Lab ID: QC961044	Batch: 279917
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3541

QC961044 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	12/15/21	12/16/21
Aroclor-1221	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1232	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1242	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1248	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1254	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1260	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1262	ND		ug/Kg	50	12/15/21	12/16/21
Aroclor-1268	ND		ug/Kg	50	12/15/21	12/16/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	82%		%REC	19-121	12/15/21	12/16/21

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID:** QC961045	**Batch:** 279917
Matrix: Soil	**Method:** EPA 8082	**Prep Method:** EPA 3541

QC961045 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	390.8	500.0	ug/Kg	78%		14-150
Aroclor-1260	418.3	500.0	ug/Kg	84%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	42.17	50.00	ug/Kg	84%		19-121

Type: Matrix Spike	**Lab ID:** QC961046	**Batch:** 279917
Matrix (Source ID): Soil (455090-008)	**Method:** EPA 8082	**Prep Method:** EPA 3541

QC961046 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	421.1	ND	500.0	ug/Kg	84%		42-127	1
Aroclor-1260	435.2	ND	500.0	ug/Kg	87%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	45.09		50.00	ug/Kg	90%		19-121	1

Type: Matrix Spike Duplicate	**Lab ID:** QC961047	**Batch:** 279917
Matrix (Source ID): Soil (455090-008)	**Method:** EPA 8082	**Prep Method:** EPA 3541

QC961047 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	394.7	ND	500.0	ug/Kg	79%		42-127	6	30	1
Aroclor-1260	427.8	ND	500.0	ug/Kg	86%		38-130	2	30	1
Surrogates										
Decachlorobiphenyl (PCB)	45.31		50.00	ug/Kg	91%		19-121			1

ND Not Detected

APPENDIX

C DESIGN PLAN

DPR 2022-XXXX

MAGNOLIA AVENUE BUSINESS CENTER
TENTATIVE PARCEL MAP NO. XXXXX
PRECISE PLAN

IN THE CITY OF CORONA, COUNTY OF RIVERSIDE
FEBRUARY 2022

LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EX SOBRANTE DE SAN JACINTO, AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORD OF SURVEY, RIVERSIDE COUNTY RECORDS; ON THE WEST BY THE EASTERLY LINE OF THE PROPERTY SPUR OF THE ATCHISON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT, BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84-227367 AND RE-RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85-028214 BOTH OF OFFICIAL RECORDS.

APN: 107-030-022-3

EASEMENTS:

ITEMS SHOWN HEREON WERE PLOTTED FROM RECORD DATA BASED ON DOCUMENTS FROM THE TICOR TITLE, REPORT ORDER NO. 00852012-021-DN1, DATED AUGUST 31, 2021.

PLOTTABLE EASEMENTS ARE INDICATED BY A " ⬡ ", NON-PLOTTABLE EASEMENTS ARE INDICATED BY " □ " ALL WITHIN THE "EXCEPTION" ITEMS OF THE TITLE REPORT.

6 AN EASEMENT FOR PIPELINES, DITCHES AND FLUMES, AS RESERVED IN FAVOR OF JOHN FLETCHER MOULTON AND HERBERT BULKLEY PRAED, RECORDED APRIL 4, 1906 IN BOOK 216, PAGE 171, OF DEEDS.
AFFECTS PARCEL: EASEMENT CANNOT BE LOCATED PER RECORD.

7 AN EASEMENT FOR ROADS, PIPE LINES, WATER CONDUITS, POWER LINES, TELEPHONE AND TELEGRAPH LINES, AS RESERVED IN FAVOR OF JOHN FLETCHER MOULTON AND HERBERT BULKLEY PRAED, RECORDED FEBRUARY 7, 1911 IN BOOK 324, PAGE 389, OF DEEDS.
AFFECTS PARCEL: EASEMENT CANNOT BE LOCATED PER RECORD.

8 AN EASEMENT FOR PIPELINE AND MAINTENANCE PURPOSES, IN FAVOR OF CYNTHIA L MORGAN, PER DEED RESERVATION RECORDED JANUARY 16, 1947, IN BOOK 760, PAGE 380, OFFICIAL RECORDS.
AFFECTS PARCEL: EASEMENT CANNOT BE LOCATED PER RECORD.

10 AN EASEMENT FOR POLE PURPOSES, IN FAVOR OF CALIFORNIA ELECTRIC POWER COMPANY, RECORDED OCTOBER 21, 1954 IN BOOK 1643, PAGE 576, OF OFFICIAL RECORDS.
AFFECTS PARCEL: C/L OF EASEMENT PLOTTED HEREON.

11 AN EASEMENT FOR POLE PURPOSES, IN FAVOR OF CALIFORNIA ELECTRIC POWER COMPANY, RECORDED APRIL 6, 1956 IN BOOK 1892, PAGE 488, OF OFFICIAL RECORDS.
AFFECTS PARCEL: C/L OF EASEMENT PLOTTED HEREON.

12 AN EASEMENT FOR POLE LINES AND CONDUITS PURPOSES, IN FAVOR OF SOUTHERN CALIFORNIA EDISON COMPANY, RECORDED JUNE 27, 1966 AS INSTRUMENT NO. 66163, OF OFFICIAL RECORDS.
AFFECTS PARCEL: PLOTTED HEREON.

13 AN EASEMENT FOR UNDERGROUND ELECTRICAL SUPPLY SYSTEMS AND COMMUNICATION SYSTEMS, IN FAVOR OF SOUTHERN CALIFORNIA EDISON COMPANY, RECORDED OCTOBER 22, 2003 AS INSTRUMENT NO. 2003-839024, OF OFFICIAL RECORDS.
AFFECTS PARCEL: PLOTTED HEREON.

BASIS OF BEARINGS:

THE BASIS OF BEARINGS AND COORDINATES FOR THIS SURVEY IS THE CALIFORNIA STATE PLANE COORDINATE SYSTEM NORTH AMERICAN DATUM 1983 (NAD 83), ZONE 6 (EPOCH 2010.00) BASED LOCALLY ON CONTROL STATIONS CNPP, LORS, AND NOCO AS SHOWN ON THE CONTROL GROUND FILE. ALL DISTANCES SHOWN ARE GROUND DISTANCES, UNLESS SPECIFIED OTHERWISE. GRID DISTANCES MAY BE OBTAINED BY MULTIPLYING THE GROUND DISTANCES BY AN AVERAGE COMBINATION FACTOR OF 0.999971525.

BENCHMARK:

BENCH MARK NO. C-114; ELEVATION: 645.350; VERTICAL DATUM: NGVD 29. A 2-1/2" BRASS DISK STAMPED "C-114" SET IN THE TOP OF CURB, LOCATED 5' WEST OF THE B.C.R. OF THE SOUTHWESTERLY CURB RETURN OF THE INTERSECTION OF SIXTH STREET AND MAGNOLIA AVENUE.

ASSESSOR PARCEL NO:

107-030-022-3

LEGEND:

SYMBOLS

⊙-☼	STREET LIGHT	ICV	IRRIGATION CONTROL VALVE
☼	LIGHT	IRRG	IRRIGATION
☼ TS	TRAFFIC SIGNAL	N'LY	NORTHERLY
□ CB	CATCH BASIN	PAV	PAVEMENT
□ DI	DROP INLET	P.P.	POWER POLE
○ S	SIGN	PT	POINT
FH	FIRE HYDRANT	RET	RETAINING
-○- PP	POWER POLE	SW	SIDEWALK
-○- TPP	TEMPORARY POWER POLE	SMH	SEWER MANHOLE
□ M	METER	SD	STORM DRAIN
○	POST	S'LY	SOUTHERLY
○ V	VALVE	W'LY	WESTERLY
B.O.	BLOW OFF	CLF	CHAIN LINK FENCE
A/V	AIR RELEASE VALVE	WIF	WROUGHT IRON FENCE
◎ MH	MANHOLE		
□ UB	UTILITY BOX		
○ U/O	UNDEFINED OBJECT ROUND		
□ U/O	UNDEFINED OBJECT SQUARE		
ASPH	ASPHALT		
BLDG	BUILDING		
C&G	CURB & GUTTER	NOTE: NOT ALL SYMBOLS/ ABBREVIATIONS MAY BE USED.	
CL	CENTERLINE		
CONC	CONCRETE		
COR	CORNER		
DWY	DRIVEWAY		
E'LY	E'LY = EASTERLY		
EP	EDGE OF PAVEMENT		
(OH)	OVERHEAD UTILITY		

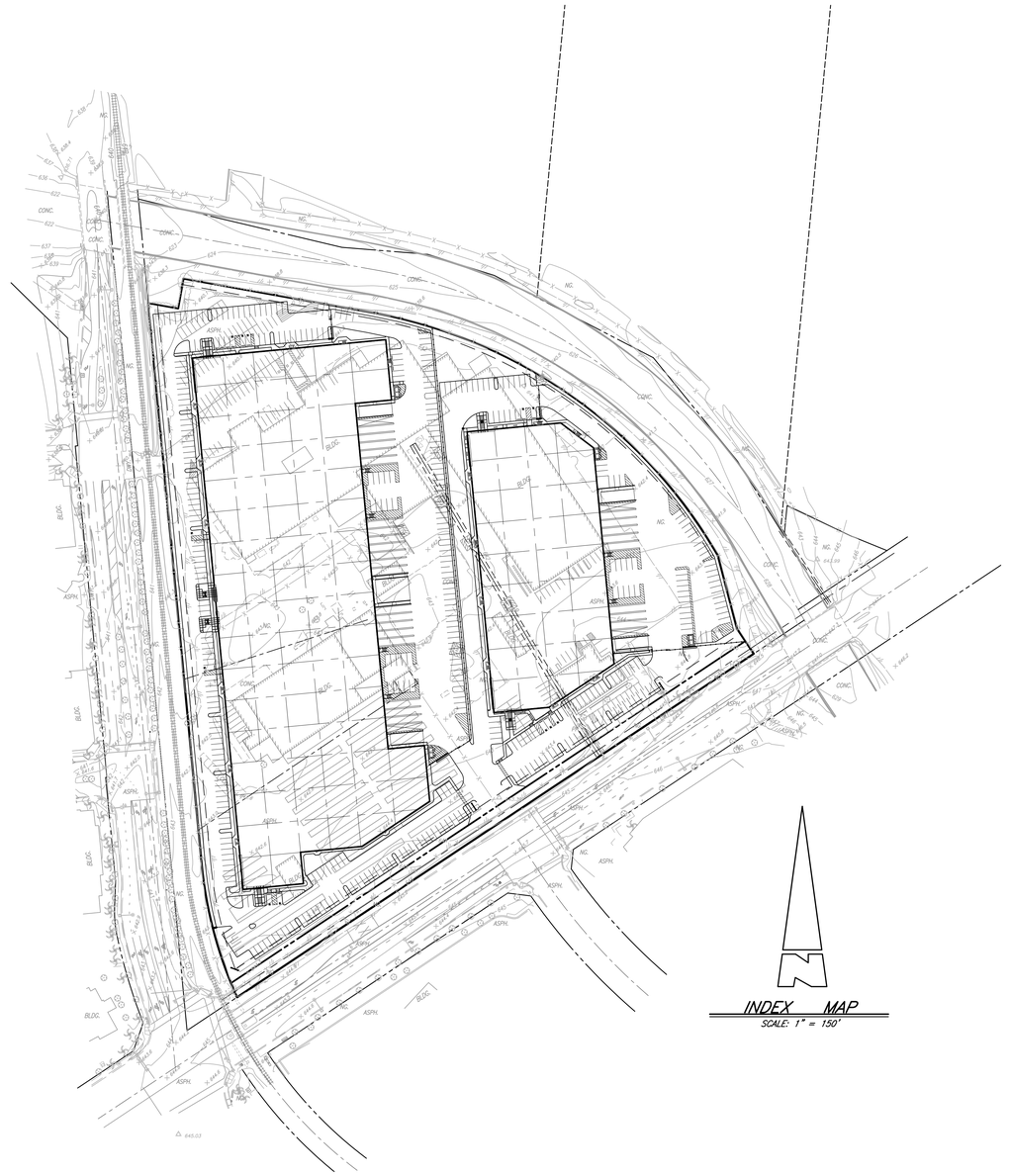
LINE TYPES

- RIGHT OF WAY/PARCEL LINE / BOUNDARY
- BUILDING SETBACK
- CENTERLINE
- EASEMENT
- FENCE
- RETAINING WALL
- PROP. CURB AND GUTTER
- PROP. CURB
- PROP. V-GUTTER
- PROP. WATER
- PROP. SEWER
- PROP. STORM DRAIN
- PATH-OF-TRAVEL

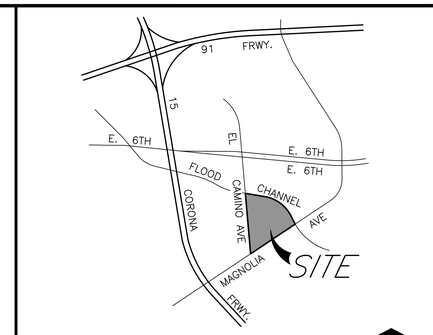
PROJECT TOTALS		
	SF	ACRES
TOTAL PROJECT AREA	678,490	15.576
TOTAL AREA DISTURBED	XX	XX
TOTAL AREA TO REMAIN NATURAL	XX	XX

TOTAL SITE ESTIMATED CUT/FILL VOLUMES	
CUT VOLUME (RAW)	XXX CY
FILL VOLUME (RAW)	XXX CY
NET TOTAL (UNADJUSTED)	XXXX CY (CUT)

NOTES:
1) EARTHWORK VOLUMES ARE ESTIMATED BASED ON-SITE AND OFFSITE GRADING BOUNDARIES.
2) EARTHWORK VOLUMES BASED ON COMPARISON TO EXISTING TOPO DATED MAY, 2019



INDEX MAP
SCALE: 1" = 150'



VICINITY MAP
NOT TO SCALE

TTM SHEET INDEX

SHEET 1.....TITLE SHEET
SHEET 2.....PRELIMINARY GRADING PLAN
SHEET 3.....UTILITY PLAN
SHEET 4.....SECTION DETAILS

GENERAL NOTES:

PREPARED: FEBRUARY 2022

1. TOTAL PROJECT GROSS ACREAGE IS 16.576 ACRES
2. PROPOSED NO. OF LOTS: 2 LOTS
3. EXISTING GENERAL PLAN LAND USE: MIXED USE – INDUSTRIAL/COMMERCIAL (MU 2)
4. PROPOSED GENERAL PLAN LAND USE: NO CHANGE
5. EXISTING ZONING: MIXED USE (MU) WITH A CORONA MAGNOLIA SPECIFIC PLAN OVERLAY (SP-01-2 AS PLANNING AREA 5 – BUSINESS PARK)
6. PROPOSED ZONING: NO CHANGE
7. ADJACENT LAND USE:

NORTH:
84' WIDE RECTANGULAR CHANNEL WITH 28' WIDE ACCESS ROAD BETWEEN PROPERTY LINE AND THE CHANNEL

EAST:
84' WIDE RECTANGULAR CHANNEL WITH 28' WIDE ACCESS ROAD BETWEEN PROPERTY LINE AND THE CHANNEL

SOUTH:
MAGNOLIA AVENUE (104' ROW)

WEST:
ATCHISON, TOPEKA AND SANTA FE RAILWAY (50' ROW)

11. SOURCE OF TOPOGRAPHY IS AERIAL TOPOGRAPHY FLOWN ON DECEMBER 02, 2019 BY KWC ENGINEERS.
12. ALL EXISTING EASEMENTS AND IRREVOCABLE OFFERS OF DEDICATION THAT AFFECT THE PROPERTY ARE SHOWN ON THIS PARCEL MAP.
13. ALL EXISTING EASEMENTS ARE TO REMAIN IN THEIR DESIGNATED LOCATIONS UNLESS NOTED OTHERWISE.
14. ALL CONC. GUTTERS AND SWALES SHALL HAVE A MINIMUM GRADE OF: 0.5%
15. ALL A.C. PAVING SHALL HAVE A MINIMUM GRADE OF: 1.0%
16. CONCRETE PAVEMENT SHALL BE PROVIDED FOR ALL ROADWAYS THAT HAVE STREET GRADES EXCEEDING 10% OR AS APPROVED BY THE CITY OF CORONA.
17. ALL SLOPES ADJACENT TO STREET R.O.W. TO BE MAINTAINED BY P.O.A.
18. ALL SLOPES SHOWN HEREON ARE 3:1 MAXIMUM UNLESS OTHERWISE NOTED.
19. ALL MAJOR SLOPES OR COMMON AREAS, OPEN SPACE, PRIVATE DRAINAGE FACILITIES, FUEL MODIFICATION, ROAD ACCESS EASEMENTS, AND ANY OTHER COMMON AMENITIES SHALL BE MAINTAINED BY A PROPERTY OWNER ASSOCIATION OR ESTABLISHED SUBJECT TO CURRENT STATE LAWS AND BE SUBJECT TO THE APPROVAL OF THE CITY OF CORONA WHO SHALL REVIEW ALL CC&R'S AND RULES FOR THEIR CC&R'S, PROPERTY OWNER ASSOCIATION DOCUMENTS AND ALL DOCUMENTS TO CONVEY TITLE TO THE PROPERTY OWNER ASSOCIATION.
20. FENCING SHALL BE INSTALLED ON SITE AS NECESSARY TO RESTRICT PUBLIC ACCESS TO PROPOSED OPEN SPACE AREAS. REFER TO WALL AND FENCE PLAN FOR LOCATIONS.
21. THERE ARE NO KNOWN ACTIVE EARTHQUAKE FAULTS IMPACTING THE PROJECT SITE. REFER TO SOILS REPORT FOR ADDITIONAL INFORMATION.
22. PROPOSED WATER TO HAVE TWO POINTS OF CONNECTION TO EXISTING WATER SYSTEM.
23. DRAINAGE SYSTEM WILL BE DEVELOPED IN ACCORDANCE WITH THE CITY OF CORONA AND RIVERSIDE COUNTY FLOOD CONTROL & WATER CONSERVATION DISTRICT STANDARDS AND SPECIFICATIONS. DRAINAGE ON THIS SITE WILL BE CONVEYED BY MEANS OF A STORM DRAIN SYSTEM CONSISTING OF VARYING SIZES OF STORM DRAIN PIPES. STORM FLOWS TRIBUTARY TO THE SITE SHALL BE INTERCEPTED AND CONVEYED AROUND THE SITE VIA THE STORM DRAIN SYSTEMS SHOWN HEREON. ALL STORM DRAIN SHOWN HEREON ARE PRELIMINARY.
24. PROPOSED WATER QUALITY FACILITIES MAY BE MAINTAINED BY FUTURE POA FORMED SPECIFICALLY FOR DEVELOPMENT. THE MAINLINE STORM DRAIN, INLETS, AND OUTLET STRUCTURES SHALL BE PRIVATELY MAINTAINED.
25. RECIPROCAL EASEMENTS FOR PRIVATE LOOPED WATER SYSTEM, SHARED FACILITIES, AND DRAINAGE SHALL BE GRANTED TO AND ADMINISTERED BY THE POA THROUGH THE CC&Rs.
26. THE SUBJECT PROPERTY IS WITHIN A FLOOD ZONE X – 0.2 PERCENT ANNUAL CHANCE OF FLOOD HAZARD PER FIRM PANEL NO. 06065C1356G EFFECTIVE DATE OF AUGUST 28, 2008.
27. THE SUBJECT PROPERTY IS WITHIN A SANTA ANA RIVER WATERSHED.

STATEMENT OF PREPARER

I HEREBY STATE THAT THIS MAP WAS PREPARED UNDER MY SUPERVISION AND THAT THE OWNER OF RECORD HAS KNOWLEDGE OF AND CONSENTS TO THE FILING OF THIS MAP.

_____ DATE: _____
BRANDON M. BARNETT, P.E.

REGISTERED PROFESSIONAL ENGINEER
BRANDON M. BARNETT
No. 78472
CIVIL
STATE OF CALIFORNIA

DATE IDENTIFIER
DATE OF LATEST CHANGE TO THIS MAP
1/20/22 BY: NVN
DATE OF THIS PLOT
1/20/22

OWNER:

MCWANE, INC. A DELAWARE CORPORATION
2900 HIGHWAY 280, SUITE 300
BIRMINGHAM, AL 35223
(949) 720-0369
CONTACT: JEREMY MAPE

DEVELOPER:

WESTERN REALCO
500 NEWPORT CENTER DR #630
NEWPORT BEACH, CA 92660
(949) 720-0369
CONTACT: JEREMY MAPE

ENGINEER:

KWC ENGINEERS
1880 COMPTON AVENUE
CORONA, CA. 92881-3370
(951) 734-2130
CONTACT: BRANDON M. BARNETT, P.E.

SOILS ENGINEER:

PETRA GEOSCIENCES, INC
40880-M COUNTY CENTER DRIVE
TEMECULA, CA 92591
(661) 425-9410
CONTACT: PAUL THERIAULT

ARCHITECT:

BASTIEN AND ASSOCIATES, INC
15661 RED HILL AVENUE, STE 150
TUSTIN, CA. 92780-7324
(714) 617-8600
CONTACT: STEVE MARTINEZ

UTILITY NOTES:

WATER: CITY OF CORONA DEPARTMENT OF WATER AND POWER
815 W. 6th STREET
CORONA, CA. 91720
(909) 736-2321

SEWER: CITY OF CORONA DEPARTMENT OF WATER AND POWER
815 W. 6th STREET
CORONA, CA. 91720
(909) 736-2321

POWER: SOUTHERN CALIFORNIA EDISON CO.
1351 E. FRANCIS
ONTARIO, CA. 91761
(800) 930-8591

GAS: SOUTHERN CALIFORNIA GAS CO.
P.O. BOX 3003
REDLANDS, CA. 92373
(800) 427-2200

PHONE: AT&T
1265 N. VAN BUREN ST., #180
ANAHEIM, CA 92807
(714) 666-5423

CABLE TV: TIME WARNER CABLE
1500 AUTO CENTER DRIVE
ONTARIO, CA 91761
(909) 975-3396

PRECISE PLAN
MAGNOLIA AVENUE BUSINESS CENTER
CITY OF CORONA

PREPARED FOR:
WESTERN REALCO
500 NEWPORT CENTER DR #630
NEWPORT BEACH, CA 92660

PREPARED BY:
KWC ENGINEERS
CIVIL ENGINEERS • PLANNERS • SURVEYORS
1880 COMPTON AVENUE, SUITE 100 CORONA, CA. 92881-3370 951-734-2130

SHEET 1 OF 4 SHEET

J.N. 19.1995.2 R:\19\1995\PRELIM\MAPS\PREC PLAN\1995 PRECISE PLAN 01.dwg 03/02/22 9:20am



PRECISE PLAN
MAGNOLIA AVENUE BUSINESS CENTER
CITY OF CORONA

PREPARED FOR:
WESTERN REALCO
500 NEWPORT CENTER DR #630
NEWPORT BEACH, CA 92660

PREPARED BY:
KWC ENGINEERS
CIVIL ENGINEERS • PLANNERS • SURVEYORS
1880 COMPTON AVENUE, SUITE 100 CORONA, CA 92881-3370 951-734-2130

SHEET
2 OF 4
SHEET

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60' 0 60' 120' 180'

SCALE IN FEET

PRECISE PLAN
MAGNOLIA AVENUE BUSINESS CENTER
CITY OF CORONA

PREPARED FOR:

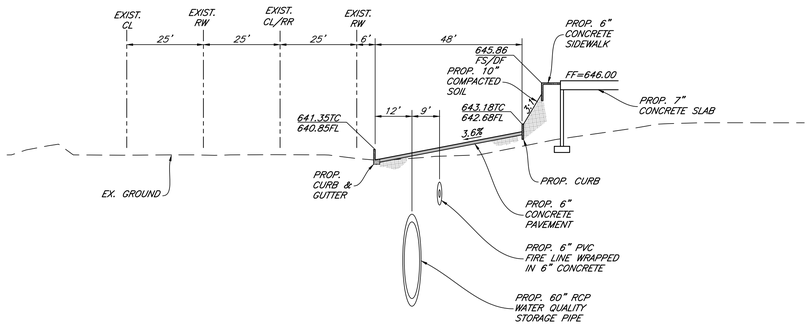
WESTERN REALCO
500 NEWPORT CENTER DR #630
NEWPORT BEACH, CA 92660

PREPARED BY:

KWC ENGINEERS
CIVIL ENGINEERS • PLANNERS • SURVEYORS
1880 COMPTON AVENUE, SUITE 100 CORONA, CA. 92881-3370 951-734-2130

SHEET 3 OF 4 SHEET

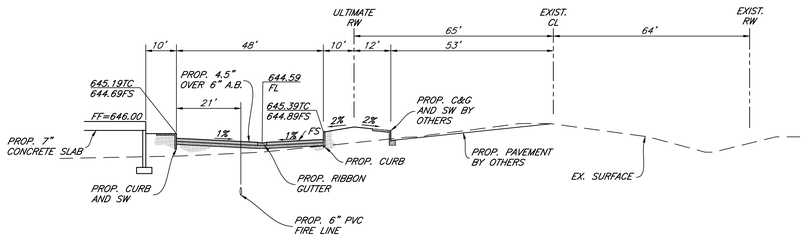
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SECTION "A–A"

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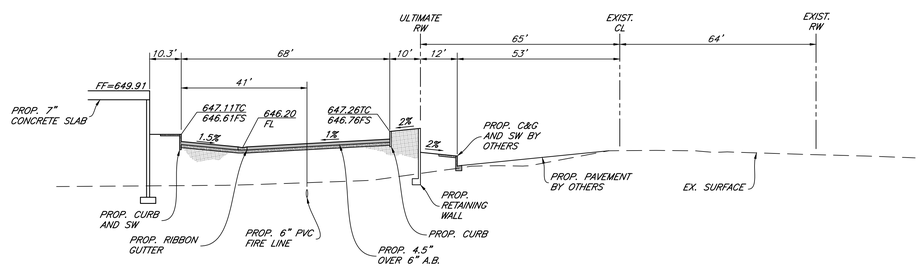
SEE SHEET 2 FOR PLAN VIEW



SECTION "B–B"

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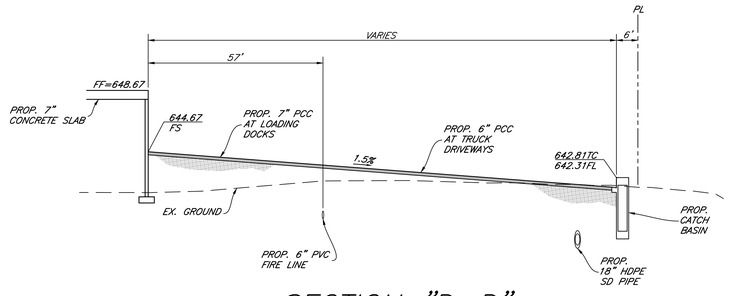
SEE SHEET 2 FOR PLAN VIEW



SECTION "C–C"

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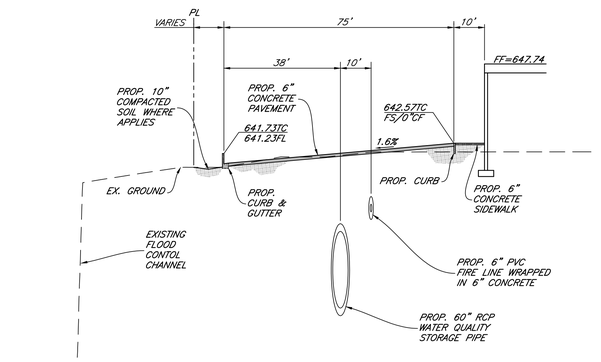
SEE SHEET 2 FOR PLAN VIEW



SECTION "D–D"

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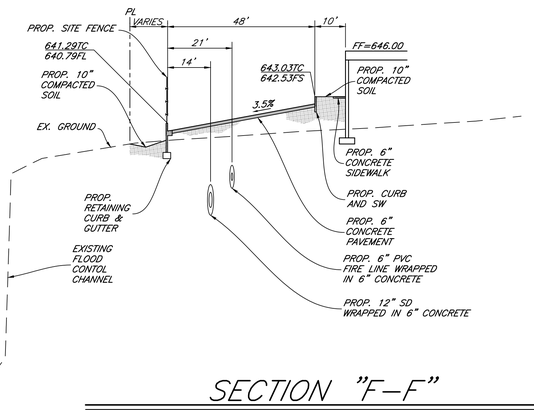
SEE SHEET 2 FOR PLAN VIEW



SECTION "E–E"

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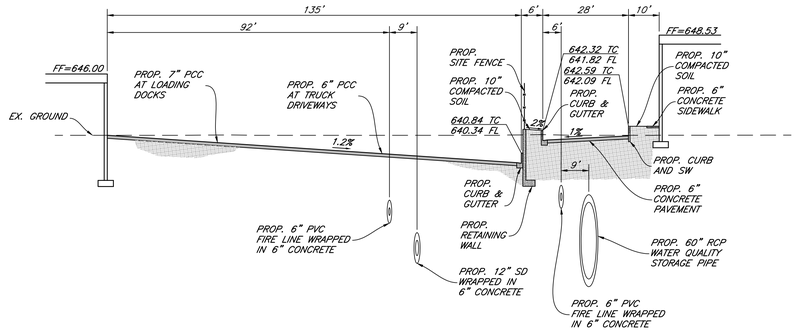
SEE SHEET 2 FOR PLAN VIEW



SECTION "F–F"

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SEE SHEET 2 FOR PLAN VIEW



SECTION "G–G"

N.T.S.

SEE SHEET 2 FOR PLAN VIEW

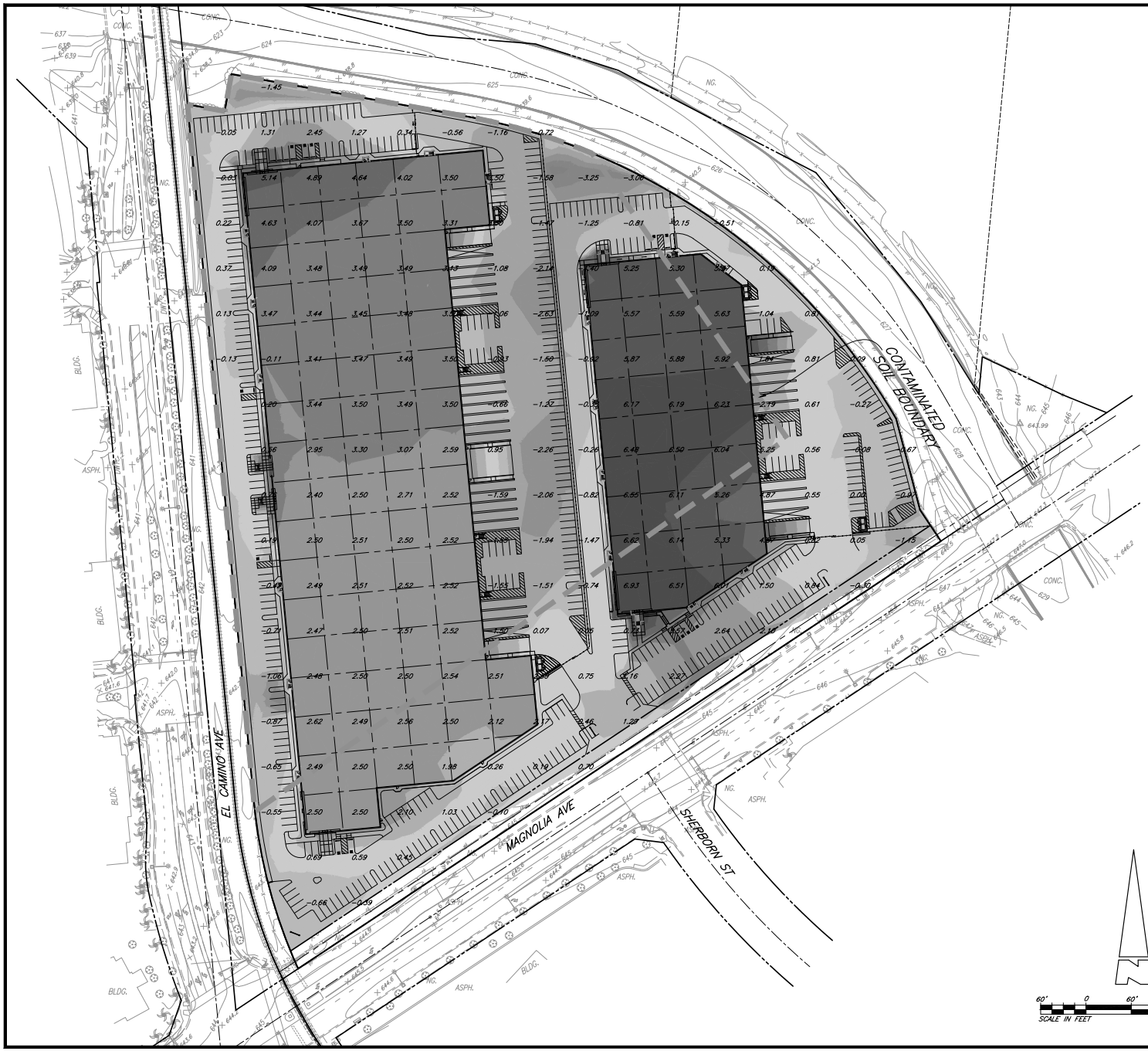
PRECISE PLAN
MAGNOLIA AVENUE BUSINESS CENTER
CITY OF CORONA

PREPARED FOR:
WESTERN REALCO
500 NEWPORT CENTER DR #630
NEWPORT BEACH, CA 92660

PREPARED BY:
KWC ENGINEERS
CIVIL ENGINEERS • PLANNERS • SURVEYORS
1880 COMPTON AVENUE, SUITE 100 CORONA, CA 92881–3370 951–734–2130

SHEET 4 OF 4 SHEET

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Elevations Table				
Number	Minimum Elevation	Maximum Elevation	2D Area	Color
1	−5.00	−4.00	211.08	
2	−4.00	−3.00	2555.49	
3	−3.00	−2.00	18898.02	
4	−2.00	−1.00	68045.46	
5	−1.00	0.00	99440.01	
6	0.00	1.00	120378.32	
7	1.00	2.00	41512.36	
8	2.00	3.00	145284.48	
9	3.00	4.00	96571.17	
10	4.00	5.00	21714.11	
11	5.00	6.00	48123.44	
12	6.00	7.00	41357.76	

GRADING STUDY NOTES

OVERALL EARTHWORK

- − 7,520 CY CUT (UNADJUSTED)
- − 5,342 CY (10% SHRINKAGE)
- − 3,902 CY (0.15' SUBSIDENCE)
- + 53,418 CY FILL
- = 36,654 CY IMPORT

CONTAMINATED AREA EARTHWORK

- − 6,589 CY CUT (UNADJUSTED)
- − 3,831 CY (10% SHRINKAGE)
- − 2,554 CY (0.15' SUBSIDENCE)
- + 38,310 CY FILL
- = 25,336 CY IMPORT

**SITE IS DESIGNED TO BE FILL HEAVY TO ACCOUNT FOR IMPORTED PAVING AND BASE MATERIAL

EARTHWORK EXHIBIT
MAGNOLIA AVENUE BUSINESS CENTER
CITY OF CORONA

PREPARED FOR:
WESTERN REALCO
500 NEWPORT CENTER DR #630
NEWPORT BEACH, CA 92660

PREPARED BY:
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1880 COMPTON AVENUE, SUITE 100 CORONA, CA. 92881-3370 951-734-2130

SHEET 1 OF 1 SHEET

JOB NO. 19-1995.2 P:\19\1995\PRELIM\DWG\1995 Earthwork Exhibit.dwg 02/16/22 9:26am

APPENDIX

D LAND USE COVENANT

RECORDING REQUESTED BY:

Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719

WHEN RECORDED, MAIL TO:

Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630
Attention: A. Edward Morelan, Branch Chief
Site Mitigation and Restoration Program

And

U.S. Environmental Protection Agency
Region IX
Attention: PCB Coordinator (Land
Chemicals and Redevelopment
Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

LAND USE COVENANT AND AGREEMENT
ENVIRONMENTAL RESTRICTIONS

County of Riverside, Assessor Parcel Number(s): 107-030-022-3
Clow Valve Company
(Department Site Code 600876-48)

This Land Use Covenant and Agreement ("Covenant") is made by and between Clow Valve Company (the "Covenantor"), the current owner of property located at 1375 Magnolia Avenue, Corona in the County of Riverside, State of California (the "Property"), and the Department of Toxic Substances Control (the "Department"). Pursuant to Civil Code section 1471, the Department has determined that this Covenant is reasonably necessary to protect present or future human health or safety or the environment as a result of the presence on the land of hazardous materials as defined

in Health and Safety Code section 25260. The Covenantor and the Department hereby agree that, pursuant to Civil Code section 1471 and Health and Safety Code section 25202.5 the use of the Property be restricted as set forth in this Covenant and that the Covenant shall conform with the requirements of California Code of Regulations, title 22, section 67391.1. With respect to the Polychlorinated Biphenyls (PCBs) at the Property, the provisions of this Covenant shall be for the benefit of, and shall be enforceable by, the United States Environmental Protection Agency ("U.S. EPA"), as a third party beneficiary pursuant to general contract law, including but not limited to Civil Code section 1559.

ARTICLE I
STATEMENT OF FACTS

1.01. Property Location. The Property, located at 1375 Magnolia Avenue, Corona, County of Riverside, California, that is subject to this Covenant, totaling approximately 16 acres, is more particularly described in the attached Exhibit A, "Legal Description of the Property", and depicted in Exhibit B, "Plot Plan". The Property is located in the area generally bounded by Magnolia Avenue on the south, railroad tracks and El Camino Avenue on the west, and a storm water channel towards the north and east. The Property is also identified as County of Riverside, Assessor's Parcel Number 107-030-022-3.

a) A limited portion of the Property is more particularly described in Exhibit C, "Legal Description of the Capped Property", and illustrated in Exhibit D, "Sketch", referred to as the "Capped Property". The "Capped Property", totaling approximately 9.964 acres of soil impacted by hazardous substances, is located on the northern portion of the Property now generally bounded by railroad and El Camino Avenue on the west, storm channel on the north and east. Its southern border runs parallel to Magnolia Avenue, approximately 195 feet north of Magnolia Avenue.

b) A limited portion of the Property is more particularly illustrated in Exhibit D as "Area 1" a Former Asphalt Dip Tank and as "Area 2" a PCB Transformer area. Former Asphalt Dip Tank was previously located, approximately 620 feet north of Magnolia

Avenue, 510 feet east of El Camino Avenue, and 200 feet west of the storm channel western edge. The PCB Transformer area is located approximately 240 feet west of the storm channel western edge, 510 feet east of El Camino Avenue, and 600 feet north of Magnolia Avenue.

1.02. Hazardous Substances. Hazardous wastes, or constituents of hazardous waste, including Polychlorinated Biphenyl's (PCBs) (Total Aroclors up to a maximum of 2,220 milligrams per kilogram (mg/kg)), Total Petroleum Hydrocarbons (TPH) (up to a maximum of 9,300 mg/kg), arsenic (up to a maximum of 52.9 mg/kg), cadmium (up to a maximum of 43.9 mg/kg), hexavalent chromium (up to a maximum of 6.6 mg/kg), and lead (up to a maximum of 7,360 mg/kg) in soil, and volatile organic compounds, such as tetrachloroethylene (PCE) (up to a maximum of 3 microgram/liter (ug/l)), in the soil gas remain at the Property above levels acceptable for unrestricted land use.

As of February 25, 2021, PCB concentrations in the soil at the Former Asphalt Dip Tank Bottom and PCB Transformer exceed the level for unrestricted use and the USEPA's site-specific industrial risk-based threshold of 15 mg/kg. PCB concentrations present in soils of the PCB Transformer area exceed the California hazardous waste level of Total Threshold Limit Concentration (TTLC) of 50 mg/kg.

As of February 25, 2021, lead concentrations detected in the soil at the Capped Property exceeded 320 milligrams per kilogram, a level deemed safe by DTSC for the continued use of the Site for industrial use and the TTLC of 1,000 mg/kg. A Human Health Risk Assessment (HHRA) was performed to evaluate the potential health risks associated with direct exposure of workers at the Property to soil containing Chemicals of Potential Concern (COPCs). Based on the HHRA, potential health risk to a commercial or industrial worker is $1x10^{-5}$ and to a construction worker is $2x10^{-4}$. The estimated Hazard Index (HI) for a commercial/industrial worker at the Property is 1.9, primarily due to the potential exposure to PCBs and cadmium. The estimated HI for a construction worker at the Property is 458. U.S. EPA recommends an HI of 1 or below and health risk below $1x10^{-6}$. The calculated risks were primarily associated with direct exposure to impacted soil and associated soil ingestion or dermal exposure, both of which will be eliminated by installation and maintenance of the capping materials described herein.

1.03. Remediation of Property. This Property has been investigated and/or remediated under the Department's oversight. The Department approved a Corrective Measures Study, dated February 19, 2018, prepared by EarthCon Consultants CA, Inc.,in accordance with Health and Safety Code, Division 20, Chapter 6.5. The remediation activities at the Property include:

a) Construction of an approximately 5,000 square foot, 6-inch-thick concrete or 3-inch thick asphalt cap in two areas encompassing approximately one-half acre, identified as Areas of Concern (AOCs), AOC-1 and AOC-5 (see Exhibit B).
b) Repair and maintenance of the existing asphalt and/or concrete surface cover of the Capped Property;
c) Soil Management Plan and Operation and Maintenance Plan preapproval by the Department for all future construction work involving soil excavation at the Capped Property; and,
d) Land use restriction recorded with the Riverside County Assessor's Office to prohibit sensitive uses.

1.04. PCB Remediation overseen by U.S. EPA. In addition to the corrective action measures for the Property under the Department's oversight, U.S. EPA approved with conditions the Risk-Based Approval Application submitted by EarthCon Consultants, CA, Inc. on behalf of Clow Valve Company, dated April 9, 2019, to remediate PCBs at the Property. PCBs are regulated by the U.S. EPA pursuant to the Toxic Substances Control Act (TSCA), 15 U.S.C. Section 2601 et seq., and the PCB regulations at 40 Code of Federal Regulations (CFR) Part 761. This U.S. EPA approval is available in EnviroStor, an online document repository at https://www.envirostor.dtsc.ca.gov/public/deliverable_documents/1318022012/2019-04-23_EPA%20to%20Clow%20Valve_761.61%28c%29_SIGNED.pdf

1.05. Basis for Environmental Restrictions. As a result of the presence of Hazardous Wastes, PCBs, TPH, arsenic, cadmium, lead, and PCE, which are also hazardous materials as defined in Health and Safety Code section 25260, at the Property, the Department has concluded that it is reasonably necessary to restrict the

use of the Property in order to protect present or future human health or safety or the environment, and that this Covenant is required as part of the Department-approved remedy for the Property. The Department has also concluded that the Property, as remediated and when used in compliance with the Environmental Restrictions of this Covenant, does not present an unacceptable risk to present and future human health or safety or the environment.

1.06. Land Use Covenant. A land use covenant is necessary to preclude potential users' exposure to hazardous substances that remain at the Property and to complete the remedy selected in the Corrective Measures Study. U.S. EPA, with the concurrence of the Department, has concluded that the Property, remediated to the goals presented in the Corrective Measures Study, subject to the restrictions of this Covenant, and used in compliance with such restrictions, does not present an unacceptable threat to present or future human health or safety or the environment. Additional information about the Site, including the 2019 PCB risk analysis by U.S. EPA,is available at the EnviroStor, an online repository listed in paragraph 1.04, above.

ARTICLE II
DEFINITIONS

2.01. Department. "Department" means the California Department of Toxic Substances Control and includes its successor agencies, if any.

2.02. Environmental Restrictions. "Environmental Restrictions" means all protective provisions, covenants, restrictions, requirements, prohibitions, and terms and conditions as set forth in this Covenant.

2.03. Improvements. "Improvements" includes, but is not limited to buildings, structures, roads, driveways, improved parking areas, wells, pipelines, or other utilities.

2.04. Lease. "Lease" means lease, rental agreement, or any other document that creates a right to use or occupy any portion of the Property.

2.05. Occupant. "Occupant" or "Occupants" means Owner and any person or entity entitled by ownership, leasehold, or other legal relationship to the right to occupy any portion of the Property.

2.06. Owner. "Owner" or "Owners" means the Covenantor, and any successor in interest including any heir and assignee, who at any time holds title to all or any portion of the Property.

2.07. U.S. EPA. "U.S. EPA" means the United States Environmental Protection Agency, and includes its successor agencies, if any.

ARTICLE III
GENERAL PROVISIONS

3.01. Runs with the Land. This Covenant sets forth Environmental Restrictions that apply to and encumber the Property and every portion thereof no matter how it is improved, held, used, occupied, leased, sold, hypothecated, encumbered, or conveyed. This Covenant: (a) runs with the land pursuant to Civil Codesection 1471 and Health and Safety Code section 25202.5; (b) inures to the benefit of and passes with each and every portion of the Property; (c) is for the benefit of, and is enforceable by the Department; and (d) is imposed upon the entire Property unless expressly stated as applicable only to a specific portion thereof.

3.02. Binding upon Owners/Occupants. This Covenant: (a) binds all Owners of the Property, their heirs, successors, and assignees; and (b) the agents, employees, and lessees of the Owners and the Owners' heirs, successors, and assignees. Pursuant to Civil Code section 1471, all successive Owners of the Property are expressly bound hereby for the benefit of the Department; this Covenant, however, is binding on all Owners and Occupants, and their respective successors and assignees, only during their respective periods of ownership or occupancy except that such Owners or Occupants shall continue to be liable for any violations of, or non-compliance with, the Environmental Restrictions of this Covenant or any acts or omissions during their ownership or occupancy.

3.03. Incorporation into Deeds and Leases. This Covenant shall be

incorporated by reference in each and every deed and Lease for any portion of the Property.

3.04. Conveyance of Property. The Owner and new Owner shall provide Notice to the Department and the U.S. EPA not later than 30 calendar days after any conveyance or receipt of any ownership interest in the Property (excluding Leases, and mortgages, liens, and other non-possessory encumbrances). The Notice shall include the name and mailing address of the new Owner of the Property and shall reference the site name and site code as listed on page one of this Covenant. The notice shall also include the Assessor's Parcel Number(s) noted on page one. If the new Owner's property has been assigned a different Assessor Parcel Number, each such Assessor Parcel Number that covers the Property must be provided. The Department shall not, by reason of this Covenant, have authority to approve, disapprove, or otherwise affect proposed conveyance, except as otherwise provided by law or by administrative order.

3.05. Costs of Administering the Covenant to Be Paid by Owner. The Department has already incurred and will in the future incur costs associated with this Covenant. Therefore, the Covenantor hereby covenants for the Covenantor and for all subsequent Owners that, pursuant to California Code of Regulations, title 22, section 67391.1(h), the Owner agrees to pay the Department's costs in administering, implementing, and enforcing this Covenant.

ARTICLE IV
RESTRICTIONS AND REQUIREMENTS

4.01. Prohibited Uses. The Property shall not be used for any of the following purposes without prior written approval by the Department pursuant to Health and Safety Code section 25227 and prior written notice to U.S. EPA :

a) A residence, including single or multifamily housing, mobile homes, or factory-built housing constructed or installed for use as residential human habitation.

b) A hospital for humans.

c) A public or private school for persons under 18 years of age.

d) A day care center or a playground for children.

4.02. Soil Management. Soil management activities at the Capped Property are subject to the following requirements in addition to any other applicable Environmental Restrictions:

a) No activities that will disturb the soil at or below grade or below concrete (e.g., excavation, grading, removal, trenching, filling, earth movement, mining, or drilling) shall be allowed at the Property without a Soil Management Plan pre-approved by the Department and U.S. EPA in writing.

b) Any soil brought to the surface by grading, excavation, trenching or backfilling shall be managed in accordance with all applicable provisions of state and federal law.

4.03. Prohibited Activities. The following activities shall not be conducted at the Property:

a) Drilling for any water, oil, or gas without prior written approval by theDepartment.

b) Extraction or removal of groundwater without a Groundwater ManagementPlan pre-approved by the Department in writing.

c) Activity that may alter, interfere with, or otherwise affect the integrity or effectiveness of, or the access to, monitoring, operation, or maintenance ofthe concrete cover at the Capped Property without prior written approval of the Department and U.S. EPA.

4.04. Written Notice of Covenant and the Presence of Hazardous Substances. Prior to the sale, lease, assignment, or other transfer of the Property, or any portion thereof, the Owner, lessor, or sublessor shall give the buyer, lessee, or sublessee written notice of the existence of this Covenant and its Environmental Restrictions. Prior to recordation of any easement on any portion of the Property, the Owner shall provide a copy of this Covenant to the easement holder to ensure that the easement holder is on notice of the restrictions and requirements of this Covenant. Covenantor shall also provide a copy of this Covenant to all existing Occupants and easement holders of record within 30 days of recording this Covenant.

4.05. Access for Department. The Department shall have reasonable right of entry and access to the Property for inspection, investigation, remediation, monitoring, and other activities as deemed necessary by the Department in order to protect human health or safety or the environment. Nothing in this instrument shall limit or otherwise affect the Department's right of entry and access, or authority to take response actions, under any applicable State Law.

4.06. Access for U.S EPA. The U.S. EPA shall have reasonable right of entry and access to the Property for inspection, investigation, remediation, monitoring, and other activities as deemed necessary by the U.S. EPA in order to protect human health or safety or the environment. Nothing in this instrument shall limit or otherwise affect U.S. EPA's right of entry and access, or U.S. EPA's authority to take actions, under any applicable law.

4.07. Access for Implementing Operation and Maintenance. The entity or person responsible for implementing the operation and maintenance activities, if any, shall have reasonable right of entry and access to the Property for the purpose of implementing such operation and maintenance activities until the Department determines that no further operation and maintenance activity is required.

4.08. Inspection and Reporting Requirements. The Owner shall conduct an annual inspection of the Property verifying compliance with this Covenant; shall submit an annual inspection report to the Department for its approval by January 15th of each year; and also send a copy to U.S. EPA. Attached as Exhibit E is a sample format for an annual inspection report. The annual inspection report must include the dates, times, and names of those who conducted the inspection and reviewed the annual inspection report. It also shall describe how the observations that were the basis for the statements and conclusions in the annual inspection report were performed (e.g., drive by, fly over, walk in, etc.). If any violation is noted, the annual inspection report must detail the steps taken to correct the violation and return to compliance. If the Owner identifies any violations of this Covenant during the annual inspection or at any other

time, the Owner must within 10 calendar days of identifying the violation: (a) determine the identity of the party in violation; (b) send a letter advising the party of the violation of the Covenant; and (c) demand that the violation cease immediately. Additionally, a copy of any correspondence related to the violation of this Covenant shall be sent to the Department and U.S. EPA within 10 calendar days of its original transmission.

4.09. Five-Year Review. In addition to the annual reviews noted above, after a period of five (5) years from January 15, 2021 and every five (5) years thereafter, Owner shall submit a Five-Year Review report documenting its review of the remedy implemented and its evaluation to determine if human health and the environment are being adequately protected by the remedy as implemented. The Owner shall submit this report to DTSC, and submit a copy to U.S. EPA. The report shall describe the results of all inspections, sampling analyses, tests and other data generated or received by Owner and evaluate the adequacy of the implemented remedy in protecting human health and the environment. As a result of any review work performed, Department may require Owner to perform additional review work or modify the review work previously performed by Owner.

4.10. Changes to Use or Condition of Property. Any changes to land use, movement of PCB contaminated soils, or discovery of new contamination requires notification to, and may require additional approval from, the U.S. EPA by the Owner and/or Occupant.

4.11. Access for Five-Year Reviews. The entity, person, or persons responsible for Five-Year Reviews shall have reasonable right of entry and access to the Property for the purpose of implementing these activities. Such right of entry and access shall continue until such time as the U.S. EPA and DTSC both determine that no further Five-Year Review activities are required.

ARTICLE V
ENFORCEMENT

5.01. Enforcement. Failure of the Owner or Occupant to comply with this Covenant shall be grounds for the Department to require modification or removal of any Improvements constructed or placed upon any portion of the Property in violation of this

Covenant. Violation of this Covenant, such as failure to submit (including submission of any false statement) record or report to the Department, shall be grounds for the Department to pursue administrative, civil, or criminal actions, as provided by law.

5.02. Enforcement Rights of U.S. EPA as Third-Party Beneficiary. U.S. EPA, as a third-party beneficiary, has the right to enforce the Environmental Restrictions contained herein.

ARTICLE VI
VARIANCE, REMOVAL AND TERM

6.01. Variance from Environmental Restrictions. Any person may apply to the Department for a written variance from or other modification of any of the Environmental Restrictions imposed by this Covenant. Such application shall be made in accordance with Health and SafetyCode section 25223. A copy of the application shall be submitted to the U.S. EPA simultaneously with the application submitted to the Department. No variance or modification may be granted under this paragraph without prior notice and opportunity to comment by U.S. EPA.

6.02. Removal of Environmental Restrictions. Any person may apply to the Department to terminate or otherwise remove any or all of the Environmental Restrictions imposed by this Covenant or terminate the Covenant in its entirety. Such application shall be made in accordance with Health and Safety Code section 25224 and a copy of the application shall be submitted to U.S. EPA simultaneously with the application submitted to the Department. No termination may be granted under this paragraph without prior notice to and opportunity to comment by U.S. EPA.

6.03. Term. Unless ended in accordance with paragraph 6.02, by law, or by the Department in the exercise of its discretion, this Covenant, shall continue in effect in perpetuity.

ARTICLE VII
MISCELLANEOUS

7.01. No Dedication Intended. Nothing set forth in this Covenant shall be construed to be a gift or dedication, or offer of a gift or dedication, of the Property, or any portion thereof, to the general public or anyone else for any purpose whatsoever.

7.02. Recordation. The Covenantor shall record this Covenant, with all referenced Exhibits, in the County of Riverside within 10 calendar days of the Covenantor's receipt of a fully executed original. The Covenantor shall also provide copies showing the County Recorder's tracking information of its recording (i.e., document number or book and page number information) to the Department and U.S.EPA within ten (10) days of receiving it from the County Recorder's Office.

7.03. Notices. Whenever any person gives or serves any Notice ("Notice" as used herein includes any demand or other communication with respect to this Covenant), each such Notice shall be in writing and shall be deemed effective: (a) whendelivered, if personally delivered to the person being served or to an officer of a corporate party being served; or (b) five calendar days after deposit in the mail, if mailedby United States mail, postage paid, certified, return receipt requested:

To Owner:
Mark Willett, General Manager
Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719

And

To Department:
A. Edward Morelan, Chief
Cypress Cleanup Branch
Site Mitigation and Restoration Program
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

To U.S. EPA:
U.S. Environmental Protection Agency
Region IX
Attention: PCB Coordinator (Land Chemicals and
Redevelopment Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

Any party may change its address or the individual to whose attention a Notice is to be sent by giving advance written Notice in compliance with this paragraph.

7.04. Partial Invalidity. If this Covenant or any of its terms are determined by a court of competent jurisdiction to be invalid for any reason, the surviving portions of thisCovenant shall

remain in full force and effect as if such portion found invalid had not been included herein.

7.05. Statutory References. All statutory or regulatory references includesuccessor provisions.

7.06. Incorporation of Exhibits. All exhibits and attachments to this Covenantare incorporated herein by reference.

IN WITNESS WHEREOF, the Covenantor and theDepartment hereby execute this Covenant.

Covenantor: Clow Valve Company

By: _____ Date: 11-05-21

Name and Title: Mark Willett, General Manager

Department of Toxic Substances Control:

By: _____ Date: 11-18-2021

Name and Title: A. Edward Morelan, Chief
Cypress Cleanup Branch
Site Mitigation and Restoration Program

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of ~~California~~ Iowa

County of Mahaska

On November 5, 2021 before me,

Adam Boden

(space above this line is for name and title of the officer/notary),

personally appeared Mark Willett, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of ~~California~~ Iowa that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

NOTARIAL SEAL IOWA
ADAM BODEN
Commission Number 767608
My Commission Expires
10-14-23

Adam Boden (seal)

Signature of Notary Public

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Los Angeles

On November 19, 2021 before me,

Dana Christine Orozco, Notary Public

(space above this line is for name and title of the officer/notary),

personally appeared A. Eduard Morelan, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/she/~~they~~ executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

DANA CHRISTINE OROZCO
Notary Public - California
Los Angeles County
Commission # 2322515
My Comm. Expires Feb 28, 2024

(seal)

Signature of Notary Public

Exhibit A – "Legal Description" – APN 107-030-022-3

Exhibit B – "Plot Plan" - APN 107-030-022-3

Exhibit C – "Capped Property" - Legal Description

Exhibit D – "Capped Property" - Sketch

Exhibit E – "LUC Sample Annual Inspection Report"

EXHIBIT "A"

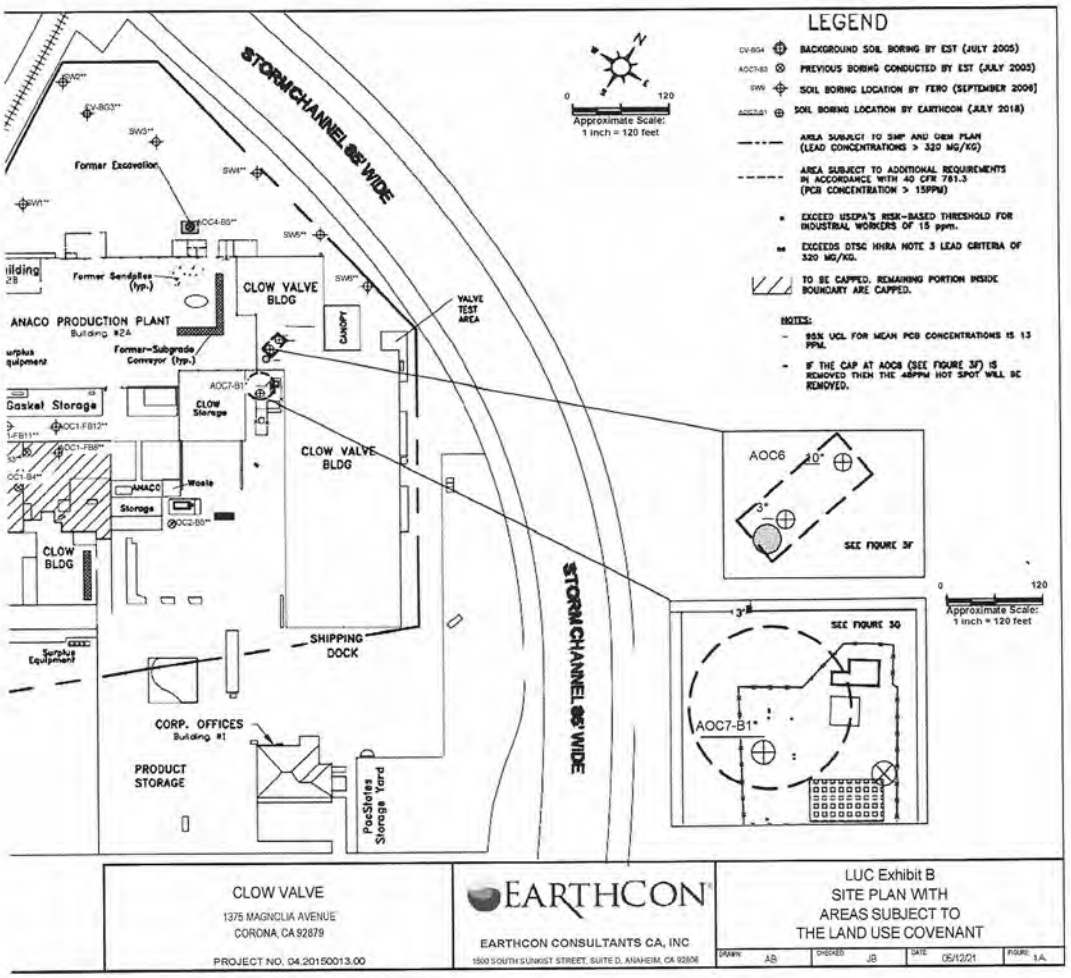
LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS; ON THE WEST BY THE EASTERLY LINE OF THE PORPHYRY SPUR OF THE ATCHISON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84-227367 AND RE-RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85-028214 BOTH OF OFFICIAL RECORDS.

APN: 107-030-022-3



CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON

EARTHCON CONSULTANTS CA, INC
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

LUC Exhibit B
SITE PLAN WITH
AREAS SUBJECT TO
THE LAND USE COVENANT

DRAWN	CHECKED	DATE	FIGURE
AB	JB	05/12/21	1A

EXHIBIT "C"
LEGAL DESCRIPTION
Portion of APN 107-030-022

BEING IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA. THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST , AS SHOWN BY SECTIONIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATION COMPANY, AS SHOWN ON MAP FILED IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COMPTON AVENUE (ALSO KNOWN AS EL CAMINO AVENUE) AND THE CENTERLINE OF TEMESCAL CREEK CHANNEL AS SHOWN ON RECORD OF SURVEY FILED IN BOOK 71, PAGES 7 THROUGH 11, INCLUSIVE, OF RECORDS OF SURVEY IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, THENCE, SOUTHEASTERLY ALONG THE CENTERLINE OF SAID TEMESCAL CREEK CHANNEL, SOUTH 79°49'49" EAST (SHOWN AS S79°48'46" EAST ON SAID RECORD OF SURVEY), 477.06 FEET; THENCE, LEAVING SAID CENTERLINE, SOUTH 10°22'04" WEST, 84.25 FEET TO THE TRUE POINT OF BEGINNING FOR THIS DESCRIPTION; THENCE, NORTH 79°37'56" WEST, 269.59 FEET; THENCE, SOUTH 56°04'15" WEST, 116.07 FEET TO A POINT ON THE EASTERLY LINE OF A.T.&S.F. RAILROAD RIGHT OF WAY AS SHOWN ON SAID RECORD OF SURVEY; THENCE, SOUTHERLY ALONG SAID EASTERLY RIGHT OF WAY LINE, SOUTH 05°28'23" EAST, 800.61 FEET; THENCE, LEAVING SAID EASTERLY RIGHT OF WAY, NORTH 83°44'45" EAST, 203.93 FEET; THENCE, NORTH 47° 08'29" EAST, 630.00 FEET; THENCE, NORTH 34°06'13" WEST, 404.00 FEET; THENCE, NORTH 79°37'56" WEST, 155.41 FEET TO THE TRUE POINT OF BEGINNING

TOGETHER WITH TWO AREAS WITHIN THE ABOVE DESCRIBED EASEMENT, THE FIRST BEING DESCRIBED AS FOLLOWS: AREA 1, COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COMPTON AVENUE (ALSO KNOWN AS EL CAMINO AVENUE) AND THE CENTERLINE OF TEMESCAL CREEK CHANNEL AS SHOWN ON RECORD OF SURVEY FILED IN BOOK 71, PAGES 7 THROUGH 11, INCLUSIVE, OF RECORDS OF SURVEY IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, THENCE, SOUTHEASTERLY ALONG THE CENTERLINE OF SAID TEMESCAL CREEK CHANNEL, SOUTH 79°49'49" EAST (SHOWN AS S79°48'46" EAST ON SAID RECORD OF SURVEY), 477.06 FEET; THENCE, LEAVING SAID CENTERLINE, SOUTH 10°22'04" WEST, 214.25 FEET; THENCE, SOUTH 79°49'49" EAST, 75.15 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 1; THENCE, SOUTH 79°49'49" EAST, 30.00 FEET; THENCE, SOUTH 10°10'11" WEST, 30.00 FEET; THENCE, NORTH 79°49'49" WEST, 30.00 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "A"; THENCE, NORTH 10°10'11" EAST, 30.00 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 1.

EXHIBIT "C"
LEGAL DESCRIPTION
(Continued)

AREA 2, COMMENCING AT THE POINT HEREINBEFORE REFERRED TO AS POINT "A", THENCE, SOUTH 10°10'11" WEST, 13.15 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 2; THENCE, SOUTH 10°10'11" WEST, 60.00 FEET; THENCE, SOUTH 79°49'49" EAST, 60.00 FEET; THENCE, NORTH 10°10'11" EAST, 60.00 FEET; THENCE, NORTH 79°49'49" WEST, 60.00 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 2.

THE ABOVE DESCRIBED GROSS AREA EASEMENT CONTAINS 422,249 SQ.FT., 9.694 ACRES MORE OR LESS.

THE ABOVE DESCRIBED AREA 1 CONTAINS 900 SQ.FT., 0.021 ACRES MORE OR LESS.

THE ABOVE DESCRIBED AREA 2 CONTAINS 3,600 SQ.FT., 0.083 ACRES MORE OR LESS.

As shown on Exhibit "8" attached hereto and by this reference made a part hereof

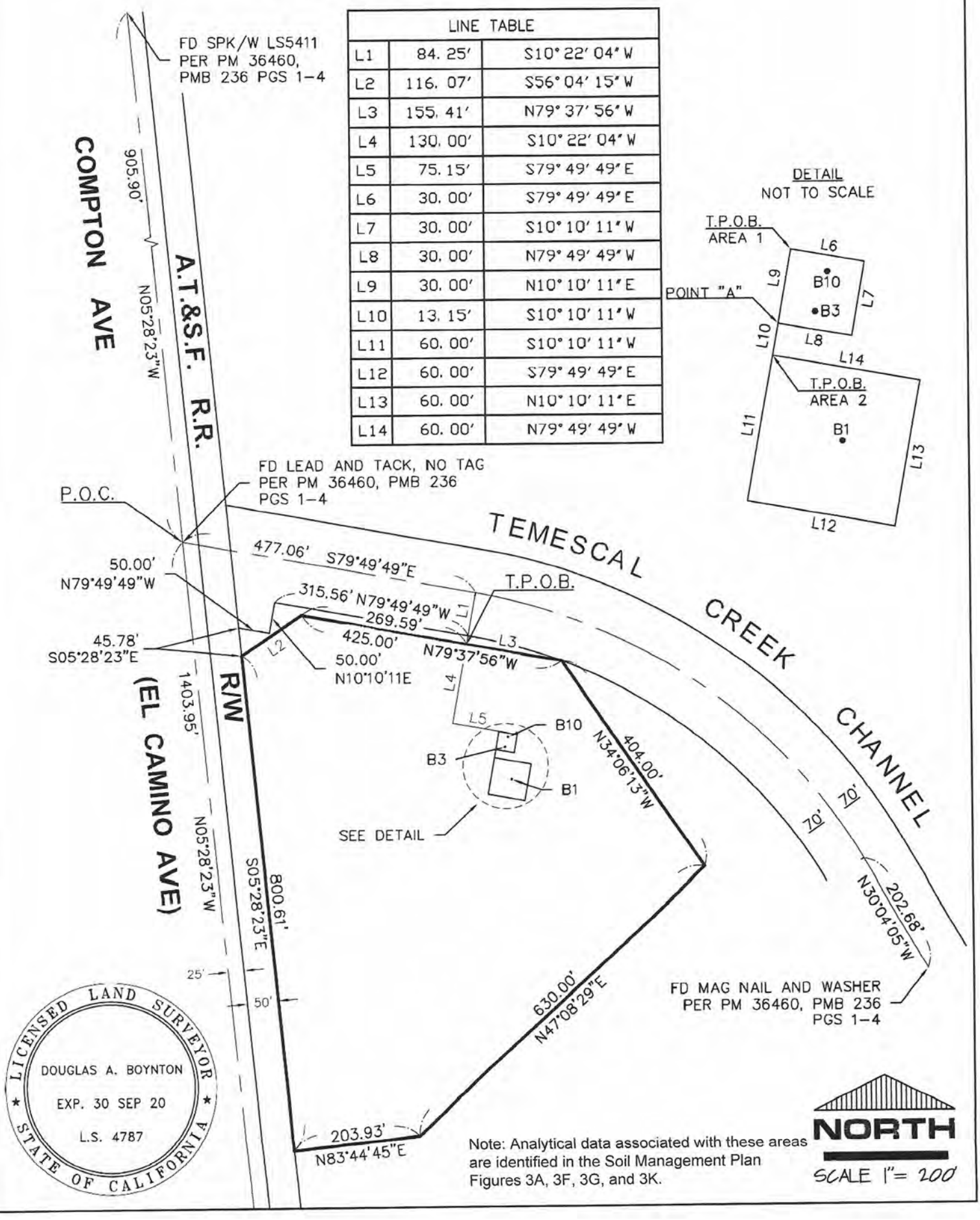
Prepared by:

Douglas Boynton, PLS4787
(562) 426-6464
March 17, 2020

LICENSED LAND SURVEYOR
DOUGLAS A. BOYNTON
EXP. 30 SEP 20
L.S. 4787
STATE OF CALIFORNIA

EXHIBIT "D"

Sketch to accompany Legal Description



LINE TABLE		
L1	84. 25'	S10° 22' 04" W
L2	116. 07'	S56° 04' 15" W
L3	155. 41'	N79° 37' 56" W
L4	130. 00'	S10° 22' 04" W
L5	75. 15'	S79° 49' 49" E
L6	30. 00'	S79° 49' 49" E
L7	30. 00'	S10° 10' 11" W
L8	30. 00'	N79° 49' 49" W
L9	30. 00'	N10° 10' 11" E
L10	13. 15'	S10° 10' 11" W
L11	60. 00'	S10° 10' 11" W
L12	60. 00'	S79° 49' 49" E
L13	60. 00'	N10° 10' 11" E
L14	60. 00'	N79° 49' 49" W

LICENSED LAND SURVEYOR
DOUGLAS A. BOYNTON
EXP. 30 SEP 20
L.S. 4787
STATE OF CALIFORNIA

Note: Analytical data associated with these areas are identified in the Soil Management Plan Figures 3A, 3F, 3G, and 3K.

NORTH

SCALE 1"= 200'

EXHIBIT E

LAND USE COVENANT
SAMPLE ANNUAL INSPECTION REPORT (2 Pages)

Site name:

Site address:

Current Site owner:

Date and times of inspection:

Name(s) of individual(s) who performed inspection:

How inspection observations were made (e.g. drive-by, fly-over, walking the Property):

1. Since the last annual inspection, has there been a change in the land use, such that there are now residences, a hospital for humans, a public or private school for persons under 21 years of age, or a day care center for children on the restricted Property?
   ☐ Yes ☐ No ☐ Not an applicable restriction

2. Since the last annual inspection, has the soil been disturbed on the restricted Property? Was evidence of soil disturbance observed on the restricted Property during the inspection?
   ☐ Yes ☐ No ☐ Not an applicable restriction

3. Since the last annual inspection, has there been any drilling on the restricted Property? Was evidence of drilling observed on the restricted Property during the inspection?
   ☐ Yes ☐ No ☐ Not an applicable restriction

Cap Condition

4. Since the last annual inspection, has there been any damage to, disturbance of, or modifications to the existing building foundation and/or surrounding pavement that serves as the cap over contaminated soil?
   ☐ Yes ☐ No

5. Has there been any damage to, disturbance of, or modifications to the asphalt/concrete Cap covering the restricted Property?

   ☐ Yes ☐ No

Land Use Covenant Compliance

6. Has there been a change in the land use of the property from commercial/industrial?

   ☐ Yes ☐ No

If the response to any of the above questions is yes, describe the circumstances.

Photos should be attached to this report that show the use of the Restricted Property at the time of the inspection and the condition of any Caps on the restricted Property. Photos showing any cracks in or damage to the Cap should also be included.

I certify under penalty of law that this document and all attachments were prepared by me or under my direction or supervision. With the exception of any areas of non-compliance noted above, all uses and activities on the restricted Property were found to be in compliance with the restrictions and requirements of the Land Use Covenant. Based on my personal knowledge or inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

_____ _____

Signature of Property Owner or Representative Date

_____ _____

Print Name Title

APPENDIX

E SOIL MANAGEMENT PLAN

SOIL MANAGEMENT PLAN

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

PREPARED FOR:

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA 92879

PREPARED BY:

EARTHCON CONSULTANTS CA, INC.
1100 TOWN & CENTER ROAD, SUITE 200
ORANGE, CALIFORNIA 92868

EARTHCON PROJECT NUMBER. 04.20150013.17

JULY 23, 2021

Certification:

Soil Management Plan

Clow Valve
1375 Magnolia Avenue
Corona, California

Prepared for:

Clow Valve
1375 Magnolia Avenue
Corona, California 92879

June 23, 2021

EarthCon Consultants CA, Inc. (EarthCon) presents conclusions herein based solely upon the agreed upon scope of work outlined in this plan. EarthCon makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this plan. Additional information, which was not found or available to EarthCon at the time of writing this plan, may result in modification of the conclusions presented. This plan is not a legal opinion. The services performed by EarthCon have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

Signed:

Rebecca Sundilson
Senior Scientist

Jeff Bennett, PG 6027, CHG 400
Principal Hydrogeologist



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Figure 3K	Shallow Soil Samples with Lead Exceeding 1,000 Mg/Kg
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Appendix

Appendix A	Site Health and Safety Plan (HASP)
Appendix B	State and Federal Hazardous Waste Criteria
Appendix C	Land Use Covenant
Appendix D	Grading Plans and Permit

1.0 INTRODUCTION AND REGULATORY STATUS

On behalf of Clow Valve Company (Clow), a Division of McWane, EarthCon Consultants CA, Inc (EarthCon), has prepared this Soil Management Plant (SMP) to guide future on-site activities that disturb the soil at the property located at 1375 Magnolia Avenue in Corona, California (Site; see Figures 1 and 2). Clow is currently in the process of implementing the field activities as identified in the Corrective Measures Implementation Workplan (CMIWP) for the Site. Proposed CMIWP activities will be conducted under the supervision of the Department of Toxic Substances Control (DTSC) and in accordance with the Corrective Action Consent Agreement between the California Department of Toxic Substances Control (DTSC) and Clow [Docket No. SPRD 00/01SCC-4208, March 2002]. The DTSC-approved corrective measures will be implemented to yield conditions suitable for continued commercial/industrial use. The entire Site will be restricted for industrial use in accordance with the future Land Use Covenant (LUC). Therefore, the future use of the Site must be in accordance with the deed restrictions identified in the proposed LUC. (See Appendix C draft LUC.)

The purpose of this SMP is to provide guidance for management of soils in the event soil disturbance is required during future construction and maintenance activities on-Site. Clow intends to implement the SMP during grading and capping activities at AOC1 and AOC5 associated with the approved CMIWP. Additionally, to support the future Site activities, this SMP has also been prepared to facilitate implementation of future projects and compliance with applicable laws. The current plan for the Site is industrial redevelopment with one or more tilt-up type building(s). This will entail limited over-excavation and re-compaction of the soil on-Site under the future building(s) and concrete truck courts and drive aisles for geotechnical purposes. Current plans are for Clow to retain ownership and redevelop the property in cooperation with a long-term lessee. In addition, both the DTSC and USEPA will be notified of such activities prior to implementation, as specified in Section 6.1.1.

A summary of previous investigations as well as elements of the SMP are described in detail in the following sections.

2.0 SUMMARY OF PREVIOUS INVESTIGATIONS

In October of 2000, the DTSC conducted a Compliance Evaluation Inspection at the Site and determined that there may have been potential releases of hazardous waste into the environment. A Corrective Action Consent Agreement (CACA) was prepared for the Site in October 2001 and was subsequently revised on March 6, 2002.

As required by the CACA and through negotiations with DTSC a Preliminary Endangerment Assessment and Facility Work plan was prepared (June 21, 2004) was prepared, which identified the following nine (9) areas of concern (AOC) at the Site (see Figure 2 and Figures 3A through 3J)):

- AOC1 – Rail Spur Area (including area of diesel impact)
- AOC2 – Chip-Bin Storage Area
- AOC3 – Water Pressure Test Area
- AOC4 – Former Iron Foundry Sand Cleanup Area
- AOC5 – Oil-Stained Pad (eastern portion of AOC1)
- AOC6 – Former Asphalt Dip Tank
- AOC7 – Transformer Area 1
- AOC8 – Transformer Area 2
- AOC9 – Former Test-Pond (filled)

Upon review of the revised PEA, the DTSC determined that interim measures were necessary due to the presence of a stockpile of dry, unconsolidated foundry sand waste located in the Rail Spur Area (AOC1).

Approximately 393 cubic yards of stockpile material containing elevated concentrations of copper, lead, and zinc was removed from the Site and transported to the Chemical Waste Management Class I disposal facility in Kettleman City, California in June 2005.

Additional investigation included the following:

- A soil sampling investigation was subsequently conducted in June and July of 2005 and the

results were provided in a document titled *Preliminary Summary of Site Assessment Results and Proposed Further Assessment* (November 29, 2005).

- Further delineation of the vertical and lateral extent of subsurface impacts was conducted at AOC1, AOC2, AOC3, AOC5, and AOC7 in September 2006 along with Site wide near surface soil sampling, to address a DTSC concern that metal impacted fill material may have been used on-Site. In addition, one groundwater well was installed at AOC1 to facilitate groundwater sampling. Results from this investigation were provided in a document titled *Report of Findings* (Fero, December 18, 2006).
- Groundwater sampling results from 2006 investigation showed a low level of TCE (1.43 ug/L, which is below the Maximum Contaminant Level of 5 ug/L) in groundwater beneath the Site. Given the absence of any chlorinated solvent use at the Site, the TCE detection was postulated to be related to an off-Site source.

In October 2015, Clow and DTSC reached a mutual decision to restart the stalled process due to the economic uncertainty associated with Site redevelopment. Clow subsequently contracted with EarthCon to assist with restarting the process and revising the Site Corrective Measures Study in the absence of site redevelopment. EarthCon and Clow met with the DTSC on March 15, 2016 to provide an overall project update and identify a path to move forward as requested. EarthCon evaluated the previous environmental activities, site assessment investigations, and the associated analytical results. The analytical results from the previous investigations are illustrated on Figures 1 through 3K. The results from the previous investigations were evaluated and subsequently included in a Site-specific Human Health Risk Assessment.

In February 2017, two additional groundwater monitoring wells were installed on-Site as identified by the locations illustrated on Figure 2. Installation of these wells allowed for calculation of the Site-specific groundwater flow direction and gradient, which confirmed that MW-1 was appropriately positioned to evaluate potential groundwater impacts related to the former TPH-d release at AOC-1. Groundwater monitoring events were conducted in March 2017 and subsequently in May 2017. Groundwater samples reported concentrations of various compounds below their associated MCLs with the exception of arsenic (March 2017 event only). However, the arsenic concentrations reported in MW-1 through MW-3 was within the local background arsenic concentrations. Therefore, it was determined that groundwater would not be incorporated into the overall scope of this CMS and the wells were removed.

The historical data, Human Health Risk Assessment, and current Site operations were used to prepare a CMS for the Site (EarthCon, 2018). The CMS identified that excavation (AOC7) and capping in place (AOC1, AOC5, and AOC7) as the selected remedy. However, due to the presence of PCBs at AOC-7, additional Site assessment activities were conducted in July 2018, October 2018, and January 2019 under the oversight of the USEPA. The USEPA also required that further assessment of potential PCB impacted soil would be evaluated at AOC3 and AOC6 as well. The results were summarized in a document titled *Risk-Based Approval Application 40 CFR 761.61 (c)(1)* (EarthCon, 2019). Based on the results from the PCB related Site assessment activities, EarthCon recommended that rather than excavating PCB-impacted soil at AOC7 that the Site remained capped, with the existing concrete cap having the ability to protect industrial workers from exposure to PCB concentration in the underlying soil. In a letter dated April 23, 2019, the USEPA approved the application with the conditions including preparation of the following: Deed Restriction, Operations and Maintenance Plan, and Soil Management Plan, and PCB Cleanup Report (CMI Report).

Upon receipt of the approval letter from the USEPA, the DTSC approved the CMS in a letter dated May 16, 2019. The CMIWP presented details associated with the cap design, installation and implementation schedule for AOC1 and AOC5. The proposed schedule for the evaluation and repair of the exiting ground cover in AOC2, AOC4, and AOC9 is also addressed. Additionally, potential cap repair and/or construction, if necessary, associated with AOC3, AOC6, and AOC7 was identified to require the oversight of the USEPA.

3.0 SOIL MANAGEMENT

3.1 Pre-Field Activities

Requirements of the Soil Management Plan apply to a portion of the Site depicted in Figure 4, a land survey of an area of the Site subject to 40 CFR 761.3 (PCB impacted soil), and an area subject to SMP and O&M Plan (lead impacted soil at or above 320 mg/kg). Figure 4 was prepared by a California licensed Professional Land Surveyor. Figure 4A, "Site Plan With Areas Subject to Land Use Covenant", depicts historical Site features and identifies the boundary of the area to be capped during the Corrective Measures implementation in addition to depicting the boundary of the area with lead concentrations exceeding 320 mg/kg (the same as in the land survey).

Prior to the commencement of activities that disturb soil, designated Site personnel will ensure that all proper underground utility clearances are conducted and marked with white paint as appropriate. Underground Services Alert (USA) will be subsequently notified at least 72-hours prior to initiation of field activities. Persons conducting soil disturbing activities will coordinate with knowledgeable Site personnel to determine the location of subsurface utilities and a geophysical survey will be conducted if necessary. In addition, field activities should not occur without a Site-specific Site Health and Safety Plan (HASP), elements of which should be discussed daily during tail-gate safety meetings. The current HASP for the Site, associated with the implementation of the CMIWP by Clow, is provided for reference in Appendix A. Updated health and safety documentation (e.g. HAZWOPER) for on-Site personnel will be provided to the DTSC prior to implementing field work.

Site personnel will notify the DTSC a minimum of 30 days before field work begins (see Section 6.1.1). Should the scope of work involve management of soil containing PCBs over 1 part per million (ppm) (AOC-6 or AOC-7), Site personnel will also notify the USEPA[1]. Notification to the DTSC and USEPA may require the submittal of documentation, such as excavation plan, soil confirmation sampling plan, waste profiling, transportation plan, destination facility, and City and/or County approved grading plans, to show how the soil under the LUC will be disturbed and ensure proper soil management. See Section 6.1 for details.

3.1.1 Work Description

In accordance with the CMIWP, grading operations within areas with lead impacted soil will involve

1 The Site Cleanup criteria for PCBs is based on the USEPA approved industrial cleanup level of 15 mg/kg. However, McWane may elect to remove impacted soil exceeding 1 mg/kg PCBs in order to remove references to PCBs from the LUC.

moisture conditioning for dust suppression purposes and recompacting of soil in place. Areas AOC-1 and AOC-5 depicted on Figure 4A and in Appendix D, Drawing No. 20-026P will be graded and paved to establish a barrier between lead contaminated soil and surface receptors and also to facilitate proper Site drainage. Moisture will be applied to soil prior to recompacting it within the borders of areas AOC1 and AOC5. The soil will not be moved to other areas of the project. The project is not anticipated to generate any excess lead contaminated soil to be transported from the Site for off-Site disposal so long as current conditions are encountered.

During Site redevelopment activities, if soil in the vicinity of AOC-6 and/or AOC-7 with PCB concentrations exceeding 1 mg/kg is disturbed, that soil will be removed and managed appropriately. Likewise, areas identified by samples AOC1-B3, AOC1-B17, SW-2, and SW-3 containing lead concentrations exceeding 1,000 mg/kg will be removed and appropriately managed, as discussed further in Sections 4.0, 4.1.1. and 4.2.1.

3.1.2 Unknowns

DTSC will be notified within 24 hours should previously unknown features such as underground storage tanks and/or odorous/discolored soil be encountered during soil excavation or grading activities. If such conditions are encountered, that area will be isolated and samples will be collected for laboratory analysis to assess the nature of the unknown condition.

3.1.3 Off Site Disposal

Any soil brought to the surface by grading, excavation, trenching or backfilling shall be managed in accordance with all applicable provisions of state and federal law. In the event soil is excavated from areas identified on Figure 3K with lead concentrations detected at or above California Code of Regulations, Title 22, Toxicity Threshold Limit Concentrations (1,000 mg/kg) the soil will be profiled and transported to an off-Site permitted hazardous waste treatment or disposal facility consistent with the procedures presented in Section 4 and Section 5.

For disposal purposes, in-situ sampling of PCB-impacted soil is required prior to excavation. Prior to excavating soil from areas identified on Figure 3F or Figure 3G with PCB concentrations above 1 mg/kg, McWane will provide a PCB Removal Workplan, including an in-situ soil sampling plan to US EPA for approval. Consistent with the procedures presented in Section 4 and Section 5, excavated soil will be profiled and soil at or above 50 ppm PCBs will either be transported to a TSCA landfill or with a TSCA

approval to a RCRA hazardous waste landfill. Additionally, McWane will notify USEPA, at a minimum 30 days prior to any soil disturbing activity at the Site, further details are provided in Section 6.1.1(b).

3.1.4 Soil Import

If needed, any off-Site soils brought to the Site for use as backfill (import fill) must be tested in general conformance with the DTSC, *Information Advisory Clean Imported Fill Material* document (DTSC, 2001). Import fill shall be tested for target compounds based on the location of the fill source area; however, at a minimum, the fill should be tested for the following constituents:

- TPHcc using EPA Method 8015;
- VOCs using EPA Method 5035/8260B;
- PCBs using EPA Method 8082 (using soxhlet extraction method 3540C); and
- Title 22 metals using 6010B/7271 A

Other analyses may be required contingent on the source of the import fill or recommendations by the supervising PG or PE. A minimum of one sample will be collected for laboratory analysis per each 1,000 tons, up to 5,000 tons, of import fill per borrow site (single source). For quantities above 5,000 tons of import fill per borrow site (single source), one additional sample will be collected for laboratory analysis per each additional 5,000 tons of import fill. In-situ samples (from the borrow source) will be collected randomly from surface, two feet, and five feet below ground surface, and from the bottom of the excavation if deeper than 5 feet. For PCBs, import soil shall contain less than 1 mg/kg of total PCBs.

3.2 Stockpile Management

Prior to initiation of earthmoving/soil disturbing activities, areas for stockpiling excess soil should be established to control contact by Site employees and dispersal into the environment. Management of excavated soil and subsequent characterization for proper off-Site disposal to an appropriate disposal facility is discussed in further detail in Section 4.

3.3 Air Quality Management

The constituents of concern at the Site do not include Volatile Organic Compound (VOC) contaminated soil. Therefore, Site activities conducted in accordance with this SMP are not expected to require a Rule 1166 permit under the jurisdiction of the South Coast Air Quality Management District (SCAQMD). However, based on the metal and PCB concentrations present in

the soil, earth-moving activities are required to be conducted in accordance with SCAQMD Rule 1466. Rule 1466 requires training and certification from SCAQMD, monitoring, notification, and record keeping.

Ambient air monitoring (AAM) will be conducted during on-Site activities to quantify dust concentrations in the work area breathing zone and at the Site fence line. In accordance with SCAQMD Rule 1466, AAM will be conducted to determine if a two (2) hour average PM_{10} concentration exceeds 25 micrograms per cubic meter (ug/m^3). If the average concentration has been exceeded, earth-moving activities will cease, and dust suppression measures will be implemented as needed until the PM_{10} concentration is equal to or less than 25 ug/m^3 averaged over 30 minutes. At a minimum, PM_{10} AAM will include one (1) upwind monitor and one (1) downwind monitor which will record the collected direct-reading data every 10 minutes or less using a DustTrak, or equivalent. In addition, when earth-moving activities occur, the wind direction and speed will also be monitored using a weather station.

AAM data will be collected by a qualified designee at each monitoring location (which will include on-Site and fence line locations). Measurements will be recorded via electronic data logging and/or an air monitoring log. Windspeed and direction will be monitored and, if the wind speed is greater than 15 mph average over a 15-minute period or instantaneous wind speeds greater than 25 mph, earth moving activities will cease.

AAM monitoring for dust within the on-Site work zones will be conducted on a continuous basis using a direct reading instrument such as a Miniram, or equivalent. The detected values will be compared to the DTSC required criteria for total dust of 0.05 mg/m^3.

During excavation activities, Site workers will implement standard engineering controls available in the industry to manage dust emissions. Minimizing dust will also minimize potential hazards associated with airborne contaminants. The following table summarizes the control measures for the different activities:

Activity	Control Measure
Earth Moving Activities	- Apply water to prevent generation of visible dust plumes - Adequately wet to the depth of earth moving activity and allow time for penetration. - Setup fencing with windscreen (50+/-5% porosity). - Stabilize soil once earth-moving activities are completed.

Activity	Control Measure
	- If earth-moving activities will not occur for three (3) or more consecutive days, application of a chemical stabilizer to potential sources of fugitive dusts, diluted to the concentration required to maintain a stabilized surface for the period of inactivity, is required. - Within five (5) days of excavation, excess soil will be removed from the site.
Export of Material	- Pre-water material prior to loading into the hauling trucks, if applicable. - Provide water while loading/unloading to reduce visible dust plumes. - Post signs stating that vehicle speed will be limited on-Site to 15 mph or less. - Maintain at least six inches of freeboard on the hauling trucks. - Stabilize material while transporting. Use tarps or other suitable enclosures on the hauling trucks. - Comply with track-out prevention/mitigation requirements. Stabilize surface of vehicular traffic by applying dust suppressant, as needed.
Truck Loading	- Pre-water material prior to loading. - Empty loader bucket slowly so no dust plumes are created. - Ensure that freeboard exceeds six inches. - Ensure that the loader bucket is close to the truck to minimize drop height while loading. - Completely tarp the truck prior to leaving site.
Off-Site/ Perimeter	- Track-out will not extend beyond 25 feet of property line. Remove track-out each day using a vacuum sweeper equipped with a filter(s) rated by the manufacturer to achieve 99.97% capture efficiency for 0.3 micron particles. - Use shaker plates (minimum of 24 feet long and 10 feet wide) and stabilized construction entrance. - Sweep the immediate surroundings continuously or on an as-needed basis. - Clean soil from exterior of trucks prior to leaving site, if applicable. - Apply water as required.
Backfilling	- Apply water to prevent generation of visible dust plumes. - Empty loader buckets slowly so dust plumes are not created. - Stabilize material when not actively handling. - Stabilize material during handling. - Stabilize soil at completion of activity. - Minimize drop height from loader bucket.

Site personnel will provide an on-Site dust control supervisor that will be present during earthmoving activities to expeditiously employ sufficient dust control measures to ensure compliance with SCAQMD Rule 1466. Site personnel will have previously completed the SCAQMD Fugitive Dust Control Class and subsequently received a Certificate of Completion. Certificates will be retained with the project related records in accordance with the project record keeping

requirements identified in Section (h) of Rule 1466.

Site personnel will electronically notify the SCAQMD Executive Officer of the intent to conduct soil disturbing activities a minimum of 72 hours, and no more than 30 days, prior to such activities. Requirements of notification are listed in Section (f)(1) of Rule 1466. In addition, the Executive Officer must also be notified electronically of any exceedance of the PM_{10} emission limit within 72 hours of occurrence (See Section (f)(2) of Rule 1466).

3.4 Storm Water Management

Construction activities that result in land disturbance of 1 acre or greater are regulated by the NPDES *General Permit for Storm Water Discharges Associated with Construction Activity* (Construction General Permit) administered by the State Water Resources Control Board. However, land disturbance of less than 1 acre may be identified as a "Significant Redevelopment Project" according to the City of Corona. This designation requires preparation of a Water Quality Management Plan (WQMP) per the City of Corona Public Works Department for the Site. Therefore, field work associated with the capping of AOC1 and AOC5 (less than 1 acre) requires the preparation of a WQMP in accordance with the City of Corona and/or County of Riverside guidance is required prior to initiating field work, elements of which will be incorporated into Grading Plans for the Site. Future Site activities associated with redevelopment will involve a project area of greater than 1 acre; therefore, preparation of a construction Storm Water Pollution Prevention Plan (SWPPP) will be required prior to initiation of earth disturbing activities.

3.5 Noise Management

Soil disturbing activities at the Site will be conducted from Monday through Friday between the hours of 7:00 AM and 5:00 PM, without causing a nuisance, as defined in the City of Corona municipal code. Noise will be monitored on an as-needed basis with a calibrated noise level meter at the perimeter of the Site and recorded on field logs. Whenever possible, Site workers will conduct the more noise intense activities during less intrusive times such as mid-morning to mid-afternoon. Internal combustion equipment will be equipped with proper and well-maintained mufflers. Access doors and hatches will remain closed when the units are in operation. The Site is located in an industrial area; therefore, noise is not expected to be a concern.

4.0 WASTE MANAGEMENT & CLASSIFICATION

4.1 Waste Management

Any soil removed from the areas of higher lead levels (AOC1-B3, AOC1-B17, SW-2, and SW-3) identified on Figure 3K will be placed into stockpiles and sampled. As noted previously, areas for stockpiles of excess soil will be designated prior to implementation of field activities. Areas with unpaved surfaces will have the upper surface wheel rolled and lined with thick gauge plastic sheeting prior to accepting the excess soil. Soil stockpiles will be covered with thick gauge plastic sheeting at the end of each working day and perimeter berms will be constructed to provide run-on and run-off control. Stockpiled excess material will be characterized prior to transport to an appropriate off-Site disposal facility as discussed in Section 4.2. Stockpiled soil must be transported to a permitted off-site disposal facility within 90 days.

However, soil and/or concrete containing PCBs, that has not been previously characterized, must be tested in-situ prior to excavation and cannot be stockpiled. Further details on the PCB sampling protocol will be provided to the USEPA in a PCB Removal Workplan that will be approved by USEPA prior to implementation.

Following removal of the lead and PCBs hot spot areas, the planned future redevelopment of the Site may include removal of the concrete and asphalt and over-excavation and re-compaction of the soil as part of geotechnical requirements. As the soil is of economic value, it will be the intent of the future redevelopment to reuse all soil excavated during geotechnical grading on Site. Future Site redevelopment must include construction of a cover in the area subject to the Soil Management Plan and Operation & Maintenance Plan as depicted on Figure 4A to prevent exposure to contaminated soil by future Site occupants.

4.1.1 PCBs and Lead

If Site remedial activities during capping of AOC1 and AOC5 include soil disturbance in the vicinity of lead “hot spot” areas exceeding 1,000 mg/kg, or in the event future Site redevelopment activities warrant the removal of soil from areas with elevated lead concentrations associated with sample locations AOC1-B3, AOC1-B17, SW2, and SW3, soil hot spots will be excavated and transported off-Site to Soil Safe facility in Adelanto, CA, the Waste Management facility in Kettleman Hills, CA, or another waste disposal facility subject to DTSC approval upon review of waste profile report.

As noted previously, the Site cleanup criteria for PCBs is based on the USEPA approved Site-specific industrial cleanup level of 15 mg/kg. However, McWane may elect to remove impacted soil exceeding 1 mg/kg PCBs in order to remove references to PCBs from the LUC. PCB "hot spot" areas (>15 mg/kg) in AOC6 and AOC7 are identified on Figure 4 as the area subject to PCB management in accordance with 40 CFR 761.61. In the event soil from this area is being disturbed during future Site development activities following Corrective Measures Implementation, soil with PCB concentrations of 15 ppm or greater will be removed as required by the USEPA[2], and soil with PCB concentrations greater than 1 ppm may also be removed at McWane's discretion under the oversight of the USEPA. Once sampled in-situ and characterized, excavated PCB-impacted soil will be loaded directly into labeled containers and securely covered pending transportation. Soil characterized with PCB concentrations at or above 50 ppm will be transported off-Site for disposal at a TSCA-approved facility. Soil from lead impacted areas and soil characterized with PCB concentrations below 50 ppm will be managed and transported to either the Soil Safe facility in Adelanto, CA, the Waste Management facility in Kettleman Hills, CA, or another appropriate facility in accordance with applicable federal, state, and local laws and 40 CFR 761.50(a)(6).

DTSC and USEPA notification requirements, including details associated with confirmation soil sampling for soil disturbing activities, are provided in Section 6.1.1.

4.1.2 Sampling and Analysis Plan

As noted above, in-situ sampling required for the PCB impacted material will be conducted prior to excavation. Characterization sampling for PCB impacted soil will be conducted in-situ, details of which will be provided in a PCB Workplan submitted for approval to the USEPA prior to initiation of field work activities.

Soil and impacted material from area identified on Exhibit E "Legal Description" and Exhibit D "Sketch to Accompany Legal Description" and illustrated on Figure 4A as subject to SMP and O&M Plans with lead concentration at or above 320 mg/kg will be excavated, stockpiled and sampled for waste characterization purposes to determine appropriate management and disposal requirements. Each stockpile will be uniquely numbered in consecutive order and marked in the field with labeled stakes to ensure accurate management.

For stockpiles of lead impacted soil, a sufficient number of samples will be collected to represent the volume of soil to be classified. Therefore, for stockpiles containing up to 1,000 cubic yards, a total of 6 samples will be collected (Simple Random Sampling – USEPA SW-846 Chapter 9). However, the appropriate number of samples should be verified with the selected receiving facility, including for volumes that exceed 1,000 cubic yards.

Each sample container will be labeled with the following information, as appropriate, at the time of sampling:

- Sample Number
- Sample Date
- Container Designation
- Sample Location
- Time of Sampling
- Preservatives, if any
- Sample Type
- Handling Precautions
- Requested Analyses
- Laboratory Name
- Initials of Sampling Personnel

After labeling, the laboratory samples should be placed in a cooler on ice for transportation to the appropriate laboratory. In accordance with Chapter 9, Section 9.2.2.7 of SW-846, a chain of custody record will document sample possession from the time of collection until the samples are analyzed. The record also serves as a sample inventory and analysis order form.

The chain of custody record should be completed with a waterproof pen. When possession of the samples is transferred from sampling personnel to a courier or to the laboratory, both parties will sign the chain of custody. The chain of custody record should be placed in a large resealable plastic bag inside the cooler. Sampling personnel, a courier, a laboratory representative, or a commercial carrier can transport samples to the laboratory. The laboratory should be notified of the time by which analysis must begin so that the sample holding times are not exceeded.

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2 A PCB Removal Workplan will be submitted to the USEPA and approved prior to removal of PCB impacted soil.

Based on previous analytical results, the analytical methods required for waste classification will include one or more of the following:

- CAM 17 Metals in accordance with USEPA Methods 6010B and 7471A
- PCBs in accordance with USEPA Method 8082 with Soxhlet extraction (SW-846 Method 3500B/3540C)

4.2 Waste Classification

4.2.1 Metals

Total metals concentrations for soil that is to be disposed should initially be compared to the Toxicity Threshold Limit Concentrations (TTLC)[3] and the screening levels for Soluble Threshold Limit Concentrations (STLC)[5] and Toxicity Characteristic Leaching Potential (TCLP)[4] analyses. Additional analysis to determine soluble metal concentrations should be performed for those samples that indicate total concentrations greater than 10 times the STLC. If the constituent concentration exceeds 10 times the STLC limit but does not exceed the California TTLC limit, the California Waste Extraction Test (WET) should be performed for the specific metal, or metals, exceeding the criterion. A TCLP extraction and subsequent analysis of a constituent should be performed if the constituent total concentration exceeds 20 times the toxicity characteristic leaching procedure (TCLP) limit.

Reported concentrations exceeding the applicable TTLC and/or STLC criteria should be identified as California Hazardous Waste and concentrations exceeding the applicable TCLP criteria should be identified as RCRA Hazardous Waste. Materials to be transported off-Site for disposal must be classified and profiled in accordance with the results of the waste classification analyses. A reference containing both state and federal hazardous waste criteria is provided in Appendix B.

4.2.2 PCBs

Previous investigations identified PCB concentrations ranging up to 2,220 mg/kg at AOC-6 and AOC-7. Additional PCB impacted soil with concentrations greater than the USEPA's Site-specific industrial risk-based threshold of 15 mg/kg are not expected to be encountered. However, PCB impacted soil will be characterized in-situ and transported to the appropriate disposal facility, as noted in Section 4.1.1.

3 As defined in 22CCR 66261.24 a.2.A
4 As defined in 22CCR 66261.24 a.1.B

5.0 Transportation and Disposal

The trucks will be staged on the Site and out of traffic lanes to the extent possible. Once on the Site, the trucks will be loaded by a front-end loader. Water will be sprayed on the material to limit dust emissions during the loading process. Once loaded, the truck will proceed to the decontamination area where the load will be covered with a tarp, and material will be removed from the tires and flat surfaces of the trailer as necessary prior to leaving the Site. A stabilized entrance/exit will be used to clean the truck tires. The area outside the access gate will be swept as necessary to remove any residual material.

Each load will be issued a uniquely identified manifest for transportation and each truck will use the appropriate placard as required by the Department of Transportation. Based on previous soil characterization and off-Site disposal, it is assumed that non-hazardous material (soil, concrete, etc.) will be transported via Interstate 15/395 to the Soil Safe facility in Adelanto, CA, or another appropriate location. Depending on the characterization of PCB-impacted soil, subsequent transportation will likely be to a TSCA disposal facility such as the Waste Management facility in Kettleman, CA, or another appropriate location, subject to DTSC approval upon review of the waste profile report. After characterization, PCB impacted material not required to go to a TSCA disposal facility and lead impacted soil will be transported to either a non-hazardous, Cal-haz, or RCRA disposal facility, as appropriate.

Trucks leaving the Site will travel west on Magnolia Street to the entrance of Interstate 15. The trucks will be operated Monday through Friday between 7:00 AM and 5:00 PM only and avoid leaving the Site during peak traffic hours. A hazardous materials response company will be available on an on-call basis for response to any accidents involving the trucks utilized to transport Site wastes.

5.1 Disposal Facility

The proposed off-Site disposal facilities identified above should be contacted to determine if their environmental permits have additional required laboratory testing requirements for the acceptance of soil from the Site. Waste classification/profiling by a proposed disposal facility may include additional or modified parameters. Therefore, the specific list of analyses should be verified with the selected receiving facility. The property owner is responsible for appropriate management of waste soil that is transported off-Site. Laboratory reports and facility disposal information associated

with waste characterization will also be provided to the DTSC prior to transportation off-Site

6.0 IMPLEMENTATION OF SOIL MANAGEMENT PLAN

6.1 Responsibilities

The property owner has ultimate responsibility for following the SMP, HASP, LUC, and grading plan/permit (See Appendix D). The property owner shall oversee implementation of this SMP at the Site. In addition, the property owner shall make available a copy of the SMP to contractors performing soil disturbance activities at the Site. The contractor shall be responsible for adhering to this SMP, following project specifications, and ensuring job site safety. The contractor also is responsible for providing a copy of the SMP to its subcontractors.

6.1.1 Notifications

McWane will notify DTSC and/or the USEPA, as appropriate, at a minimum 30 days prior to any soil disturbing activity at the Site as described in the LUC as Exhibit C, "Legal Description" and/or illustrated in Exhibit D, "Sketch", also illustrated in Figure 4A as the "Area subject to SMP and O&M Plan (lead concentrations > 320 mg/kg)".

a. Notification of soil disturbing activities associated with lead and/or PCB "hot spot" areas will include details of the excavation activities and associated confirmation sampling protocol using the timeline provided below: McWane will notify DTSC 30 days prior to excavation of lead impacted soil (>1,000 mg/kg) (Figure 3K). The notification will include a detailed excavation, disposal, transportation route, and confirmation soil sampling plan and field work schedule. DTSC approval is required before initiating work.
b. McWane will notify USEPA 30 days prior to excavation of PCB impacted soil (>1 mg/kg) (Figure 3F and Figure 3G). In addition, USEPA approval is required before initiating any future work proposed that will impact the soil, concrete, and/or asphalt with PCB levels over 1 ppm.

6.2 Reporting

Following completion of soil disturbing and associated off-Site disposal activities, a final report will be prepared documenting the results of such activities. The report will summarize on-Site activities, provide figures illustrating soil disturbing activities, and will provide the associated supporting documentation including but not limited to, laboratory data, including waste characterization and confirmation sampling; air monitoring; field sampling data; field notes; pictures; and waste manifest documents. The report will be submitted to the DTSC and the USEPA within 30 days from

receiving the manifests from the destination disposal facility.

7.0 REFERENCES

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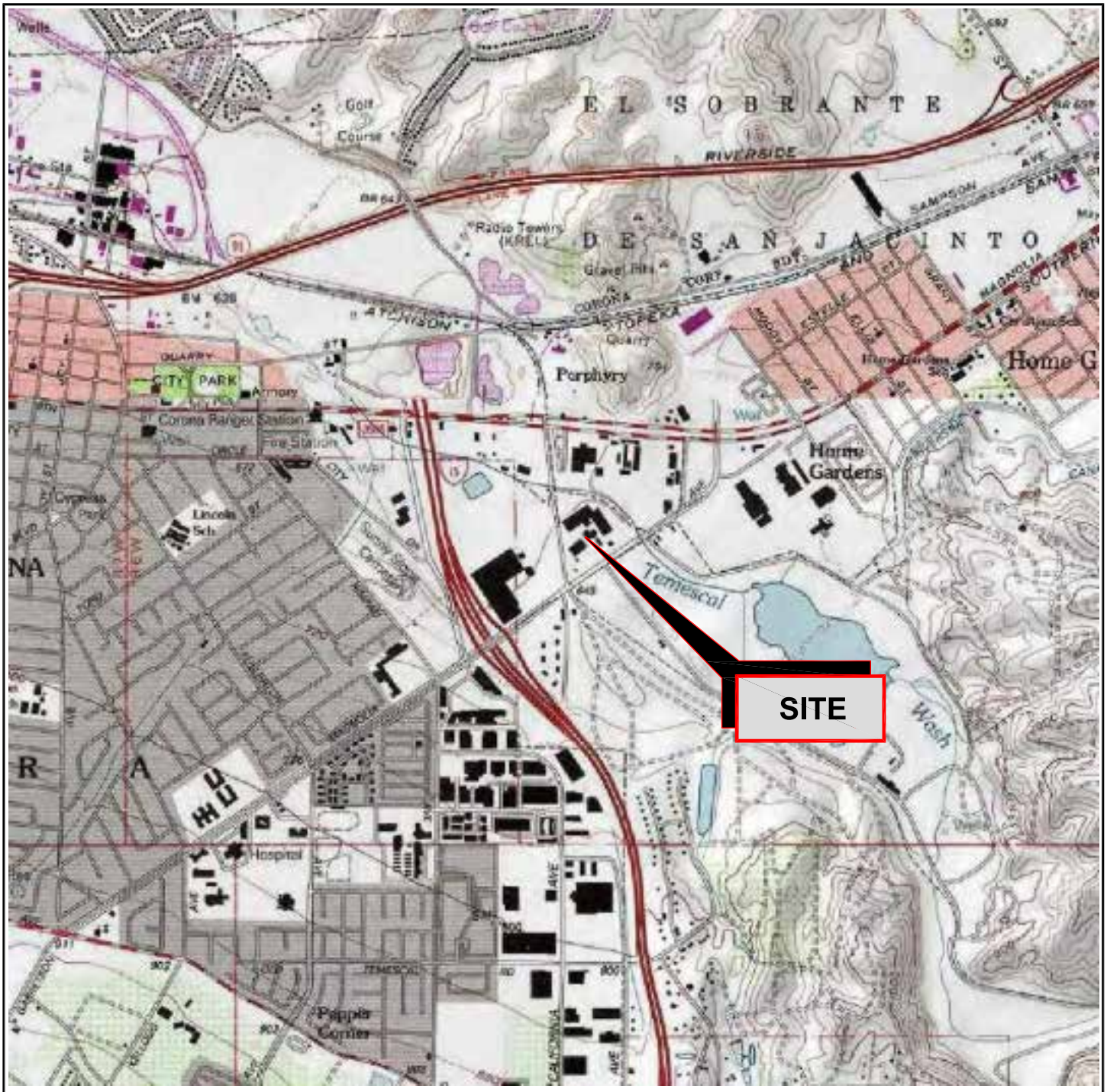
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Fero. 2009. Corrective Measures Workplan. Report of Findings. Clow Valve Company, 1375 Magnolia Avenue, Corona, California 93446. EPA ID Number CAD063115133. March 2009.

FIGURES



FROM: U.S. GEOLOGICAL SURVEY, 1997
QUADRANGLE: CORONA SOUTH
COUNTY: RIVERSIDE
SERIES: 7.5-MINUTE QUAD

NOTE: ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE

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SCALE

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

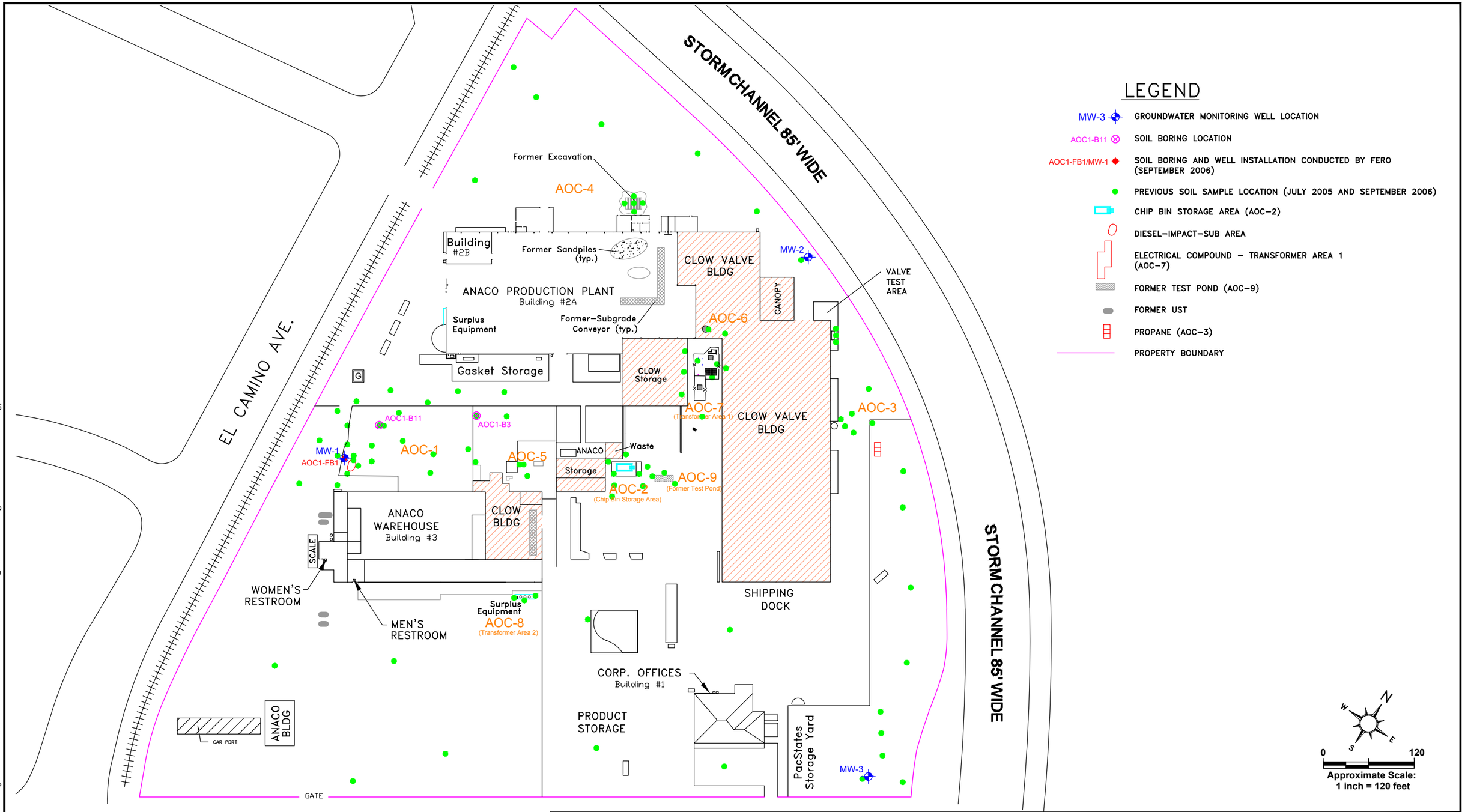
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1914 W. ORANGEWOOD AVENUE, SUITE 102, ORANGE, CA 92868

VICINITY MAP

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LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

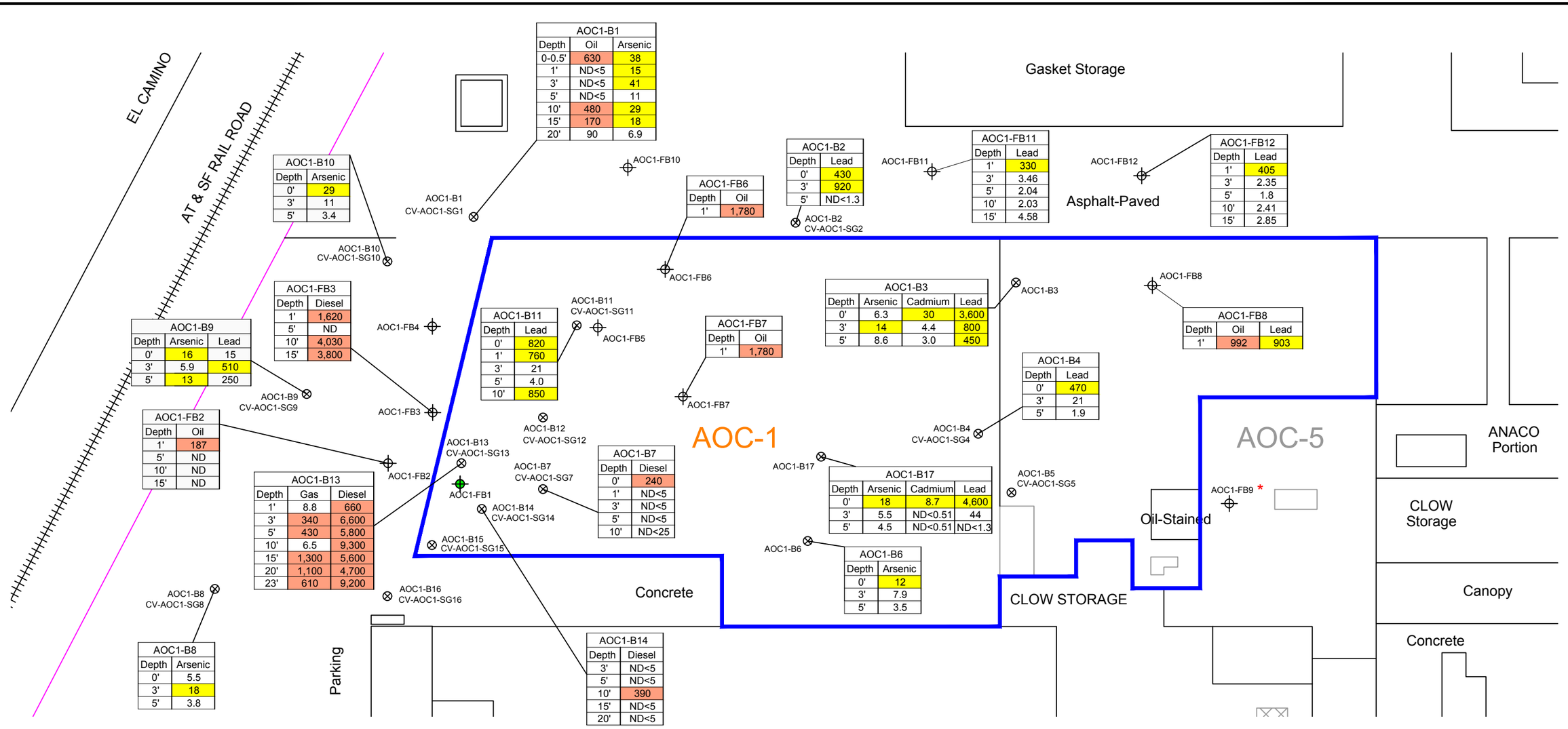
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SITE PLAN

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LEGEND

- AOC7-B3 ⊗ — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- AOC1-FB7 ⊕ — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC1-FB1 ⊕ — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- * — ORIGINALLY IDENTIFIED AS AOC1-FB9
- PROPOSED AREA OF CAPPING AT AOC-1 (UNPAVED)

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. November 2015. HQ=1.0
(1) = General California Background Concentration (DTSC, January 2009)
(2) = DTSC HHRA Note 3 (August 2017)
(3) = OEHHA CHHSL (September 2009)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

	LUFT	RSLs
TPH-gas	100	--
TPH-diesel	100	--
TPH-oil	100	--
Arsenic	--	12 (1)
Cadmium	--	7.3 (2)
Lead	--	320 (3)

N W E S
0 30
Approximate Scale: 1 inch = 30 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

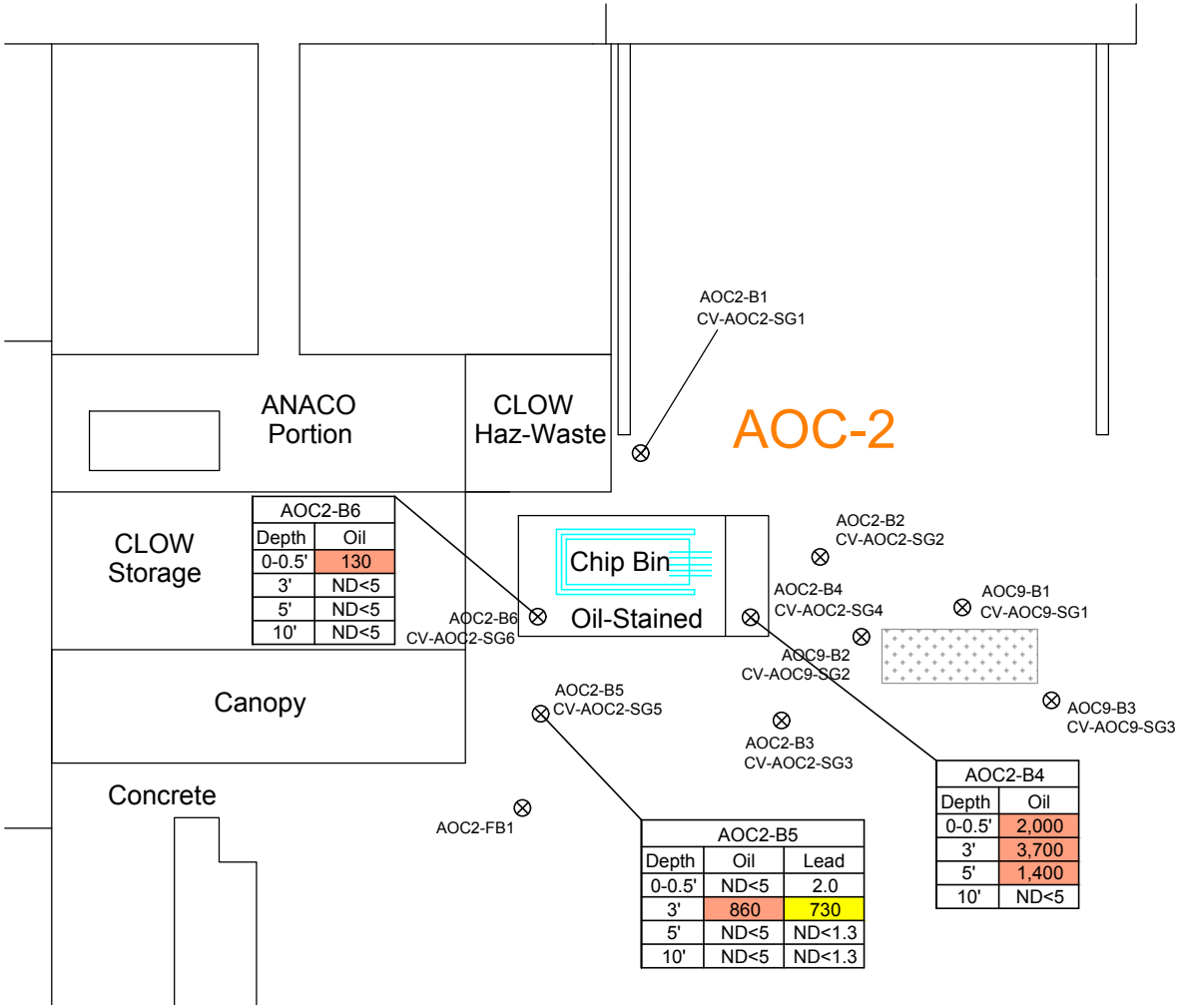
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AOC1 - RAIL SPUR AREA

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AOC2-B6	
Depth	Oil
0-0.5'	130
3'	ND<5
5'	ND<5
10'	ND<5

AOC2-B4	
Depth	Oil
0-0.5'	2,000
3'	3,700
5'	1,400
10'	ND<5

AOC2-B5		
Depth	Oil	Lead
0-0.5'	ND<5	2.0
3'	860	730
5'	ND<5	ND<1.3
10'	ND<5	ND<1.3

LEGEND

AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

	LUFT	RSLs
TPH-oil	100	--
Lead	--	320 (2)

N W E S

0 30

Approximate Scale: 1 inch = 30 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

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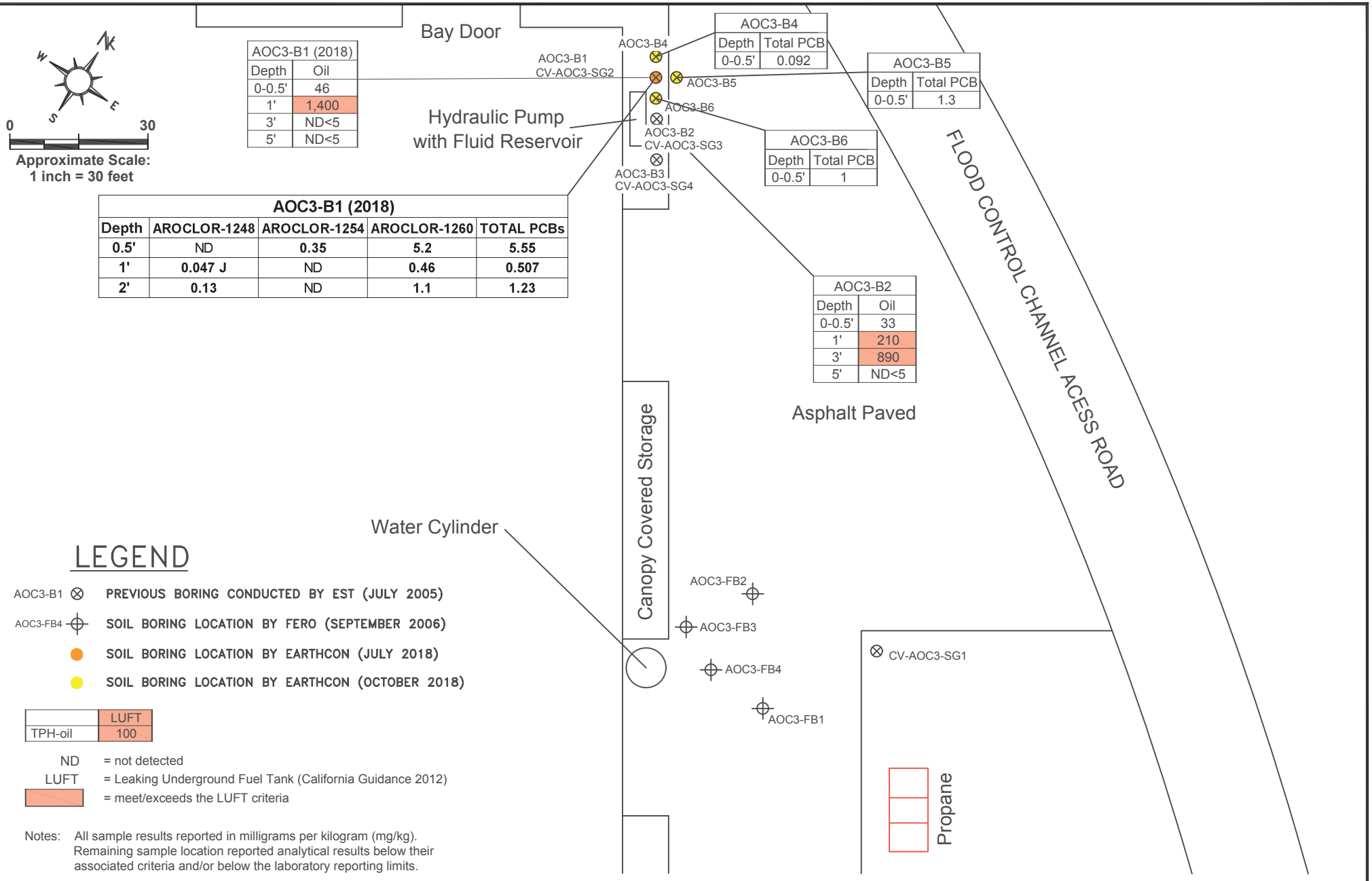
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1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 2 - CHIP BIN AREA

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KG	JB	10/18/19	3B

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AOC3-B1 (2018)

Depth	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	TOTAL PCBs
0.5'	ND	**0.35**	**5.2**	**5.55**
1'	**0.047 J**	ND	**0.46**	**0.507**
2'	**0.13**	ND	**1.1**	**1.23**

LEGEND

AOC3-B1 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

AOC3-FB4 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)

● SOIL BORING LOCATION BY EARTHCON (JULY 2018)

● SOIL BORING LOCATION BY EARTHCON (OCTOBER 2018)

	LUFT
TPH-oil	100

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

CLOW VALVE

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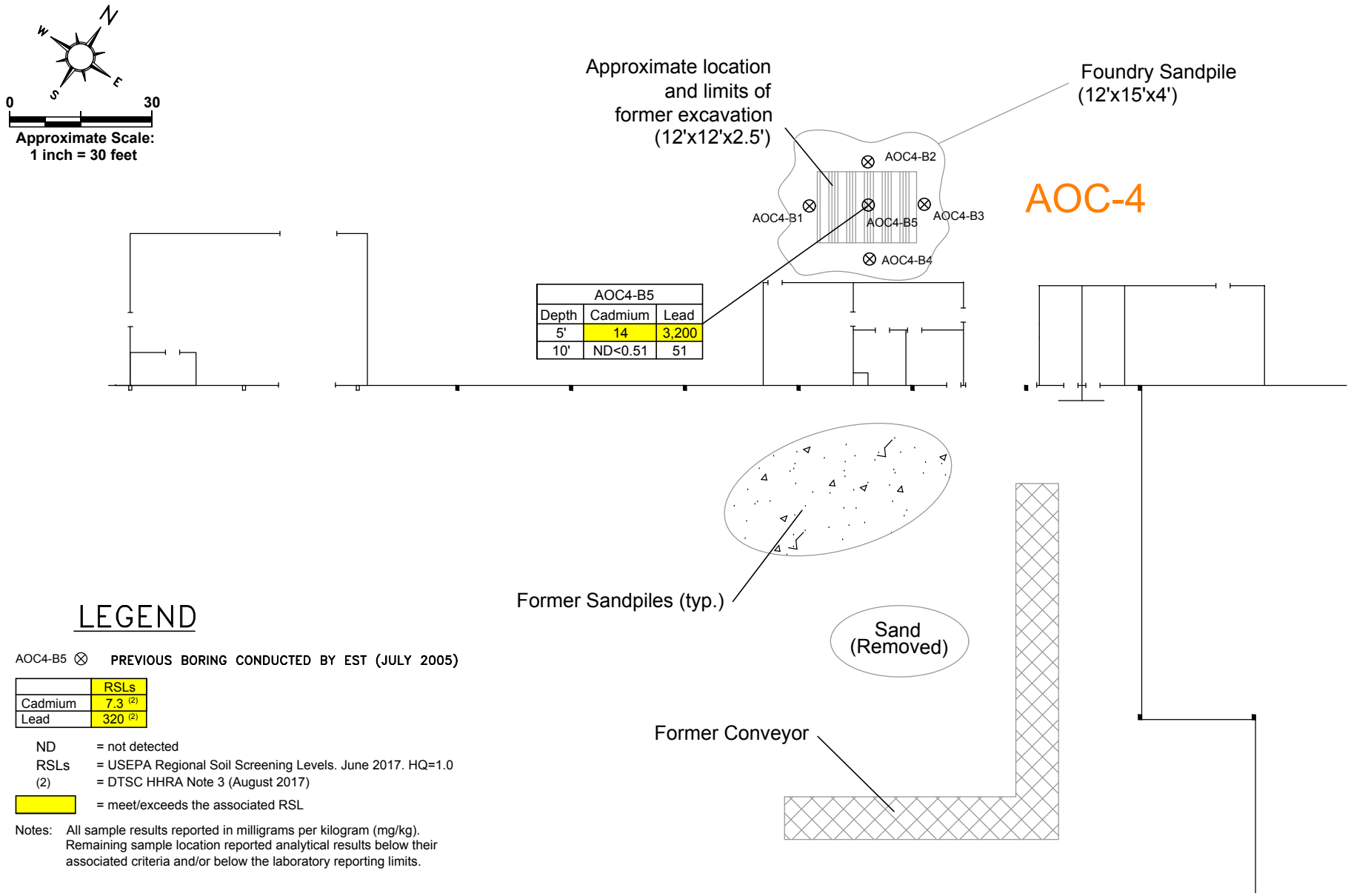
1500 SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 3 - WATER PRESSURE TEST AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KNB	JB	03/05/2019	3C

FILENAME:S:\Common\OrangeCAD\Projects\04.20150013.00-Clow Valve\SP 03-26-18_F3C_3E_3F AND 3H_3I__PCB SAMPLING_08-23-2018.dwg (3C (AOC 3)) 03/05/19 13:57 - kbarfield

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LEGEND

AOC4-B5 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

	RSLs
Cadmium	7.3 (2)
Lead	320 (2)

ND = not detected
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

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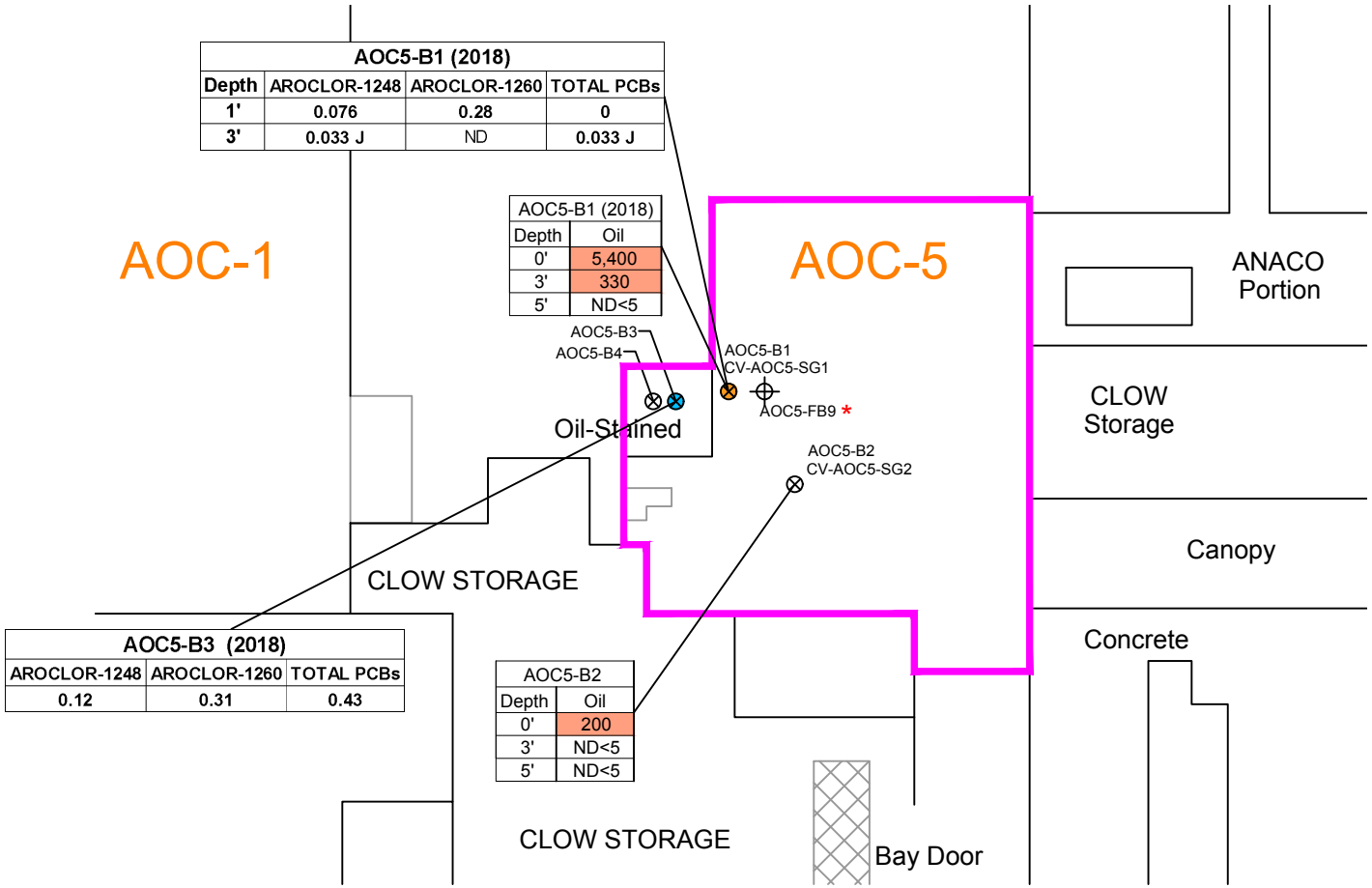
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AOC 4 - FORMER IRON
FOUNDRY SAND CLEANUP AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3D

FILENAME: S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3BDJ.dwg (3D (AOC 4)) 10/18/19 10:44 - kgyawali

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LEGEND

AOC5-FB9 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

AOC5-B2 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)

● SOIL BORING LOCATION BY EARTHCON (JULY 2018)

● CONCRETE SAMPLE LOCATION BY EARTHCON (JULY 2018)

* ORIGINALLY IDENTIFIED AS AOC1-FB9

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

= Proposed Area of Capping at AOC- 5 (Primarily Unpaved)

	LUFT
TPH-oil	100

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

N W E S

0 30

Approximate Scale:
1 inch = 30 feet

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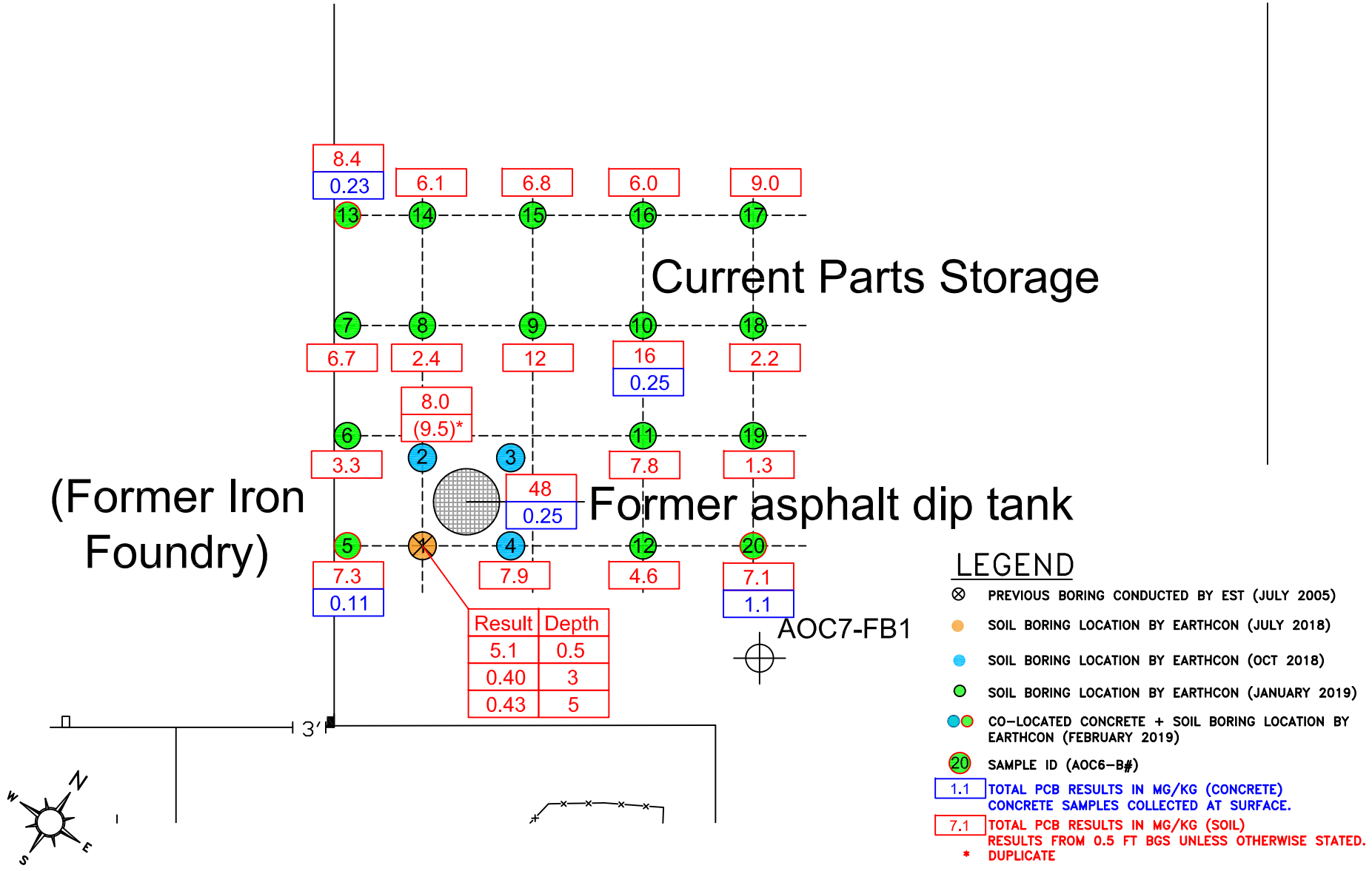
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AOC 5 - OIL STAINED PAD AREA
PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	03/26/20	3E

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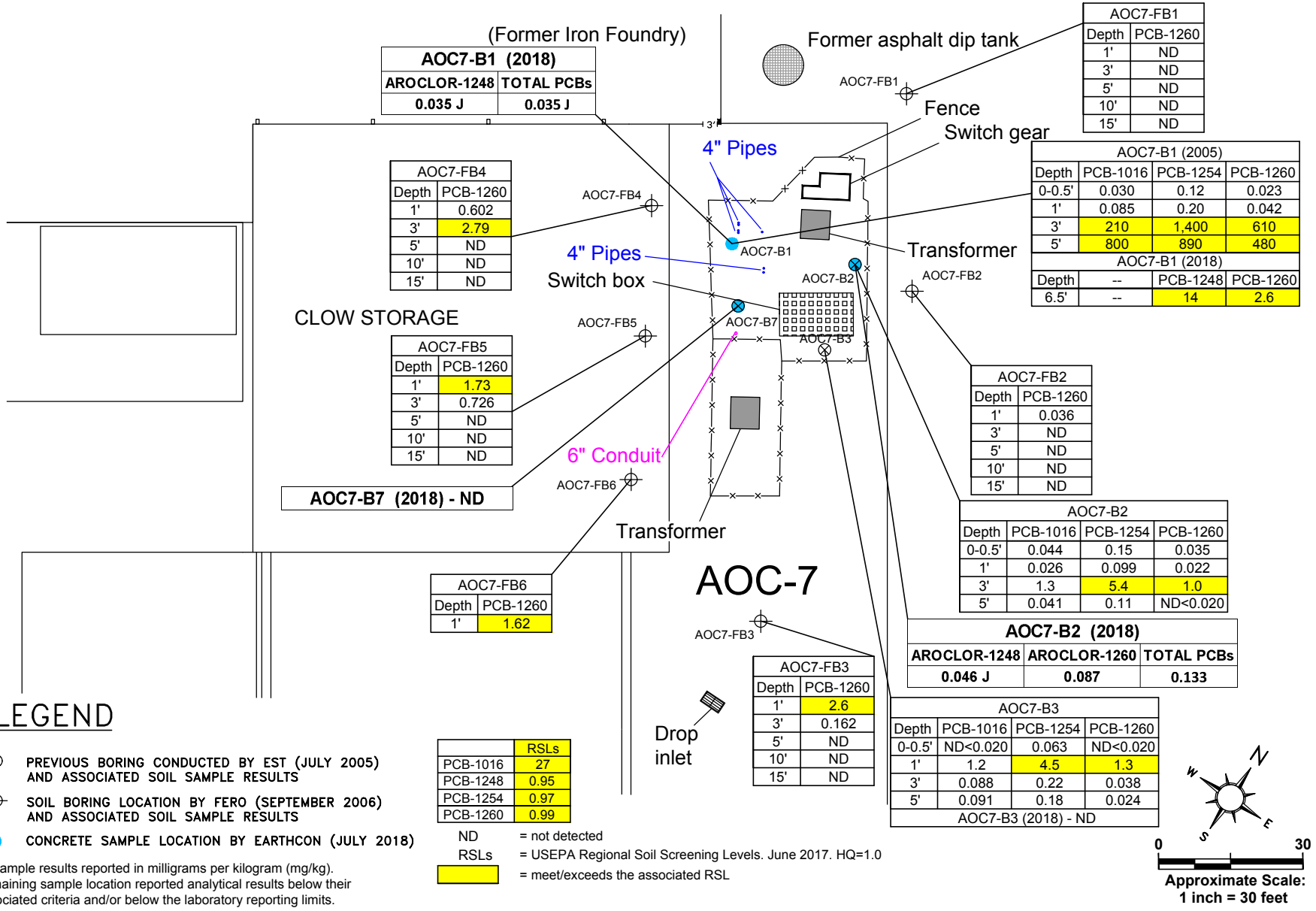
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 6 - FORMER ASPHALT DIP TANK AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3F

FILENAME:S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3EFHI.dwg (3F (AOC6 NEW)) 05/11/21 11:08 - kgyawall

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AOC7-B1 (2018)	
AROCLOR-1248	TOTAL PCBs
0.035 J	0.035 J

AOC7-FB1	
Depth	PCB-1260
1'	ND
3'	ND
5'	ND
10'	ND
15'	ND

AOC7-B1 (2005)			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	0.030	0.12	0.023
1'	0.085	0.20	0.042
3'	210	1,400	610
5'	800	890	480
AOC7-B1 (2018)			
Depth	--	PCB-1248	PCB-1260
6.5'	--	14	2.6

AOC7-FB4	
Depth	PCB-1260
1'	0.602
3'	2.79
5'	ND
10'	ND
15'	ND

AOC7-FB5	
Depth	PCB-1260
1'	1.73
3'	0.726
5'	ND
10'	ND
15'	ND

AOC7-FB2	
Depth	PCB-1260
1'	0.036
3'	ND
5'	ND
10'	ND
15'	ND

AOC7-B2			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	0.044	0.15	0.035
1'	0.026	0.099	0.022
3'	1.3	5.4	1.0
5'	0.041	0.11	ND<0.020

AOC7-B2 (2018)		
AROCLOR-1248	AROCLOR-1260	TOTAL PCBs
0.046 J	0.087	0.133

AOC7-FB6	
Depth	PCB-1260
1'	1.62

AOC7-FB3	
Depth	PCB-1260
1'	2.6
3'	0.162
5'	ND
10'	ND
15'	ND

AOC7-B3			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	ND<0.020	0.063	ND<0.020
1'	1.2	4.5	1.3
3'	0.088	0.22	0.038
5'	0.091	0.18	0.024
AOC7-B3 (2018) - ND			

LEGEND

AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005) AND ASSOCIATED SOIL SAMPLE RESULTS

AOC7-FB6 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006) AND ASSOCIATED SOIL SAMPLE RESULTS

● CONCRETE SAMPLE LOCATION BY EARTHCON (JULY 2018)

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

	RSLs
PCB-1016	27
PCB-1248	0.95
PCB-1254	0.97
PCB-1260	0.99

ND = not detected

RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0

= meet/exceeds the associated RSL

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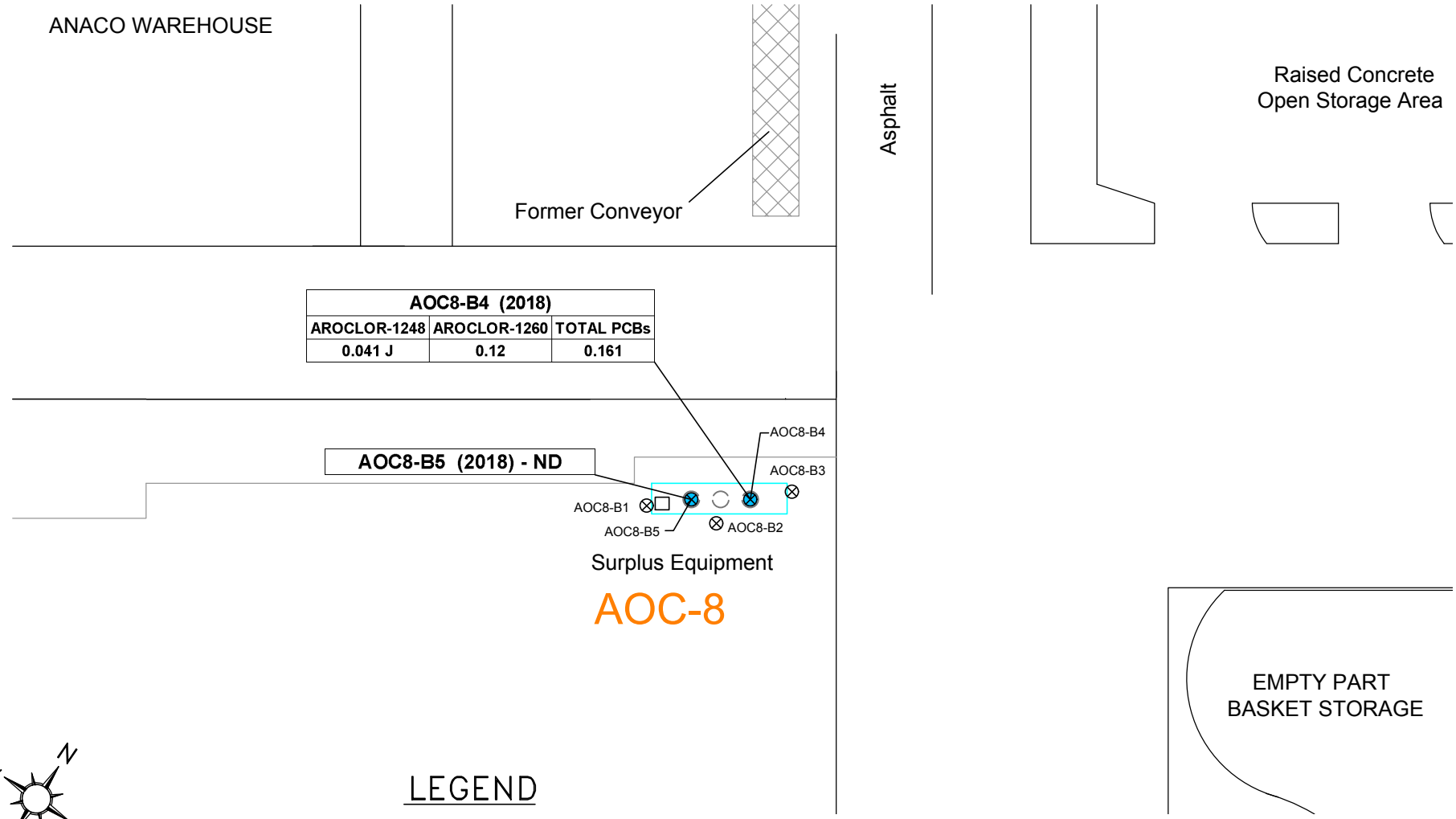
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AOC 7 - TRANSFORMER AREA 1

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KG	JB	10/18/19	3G

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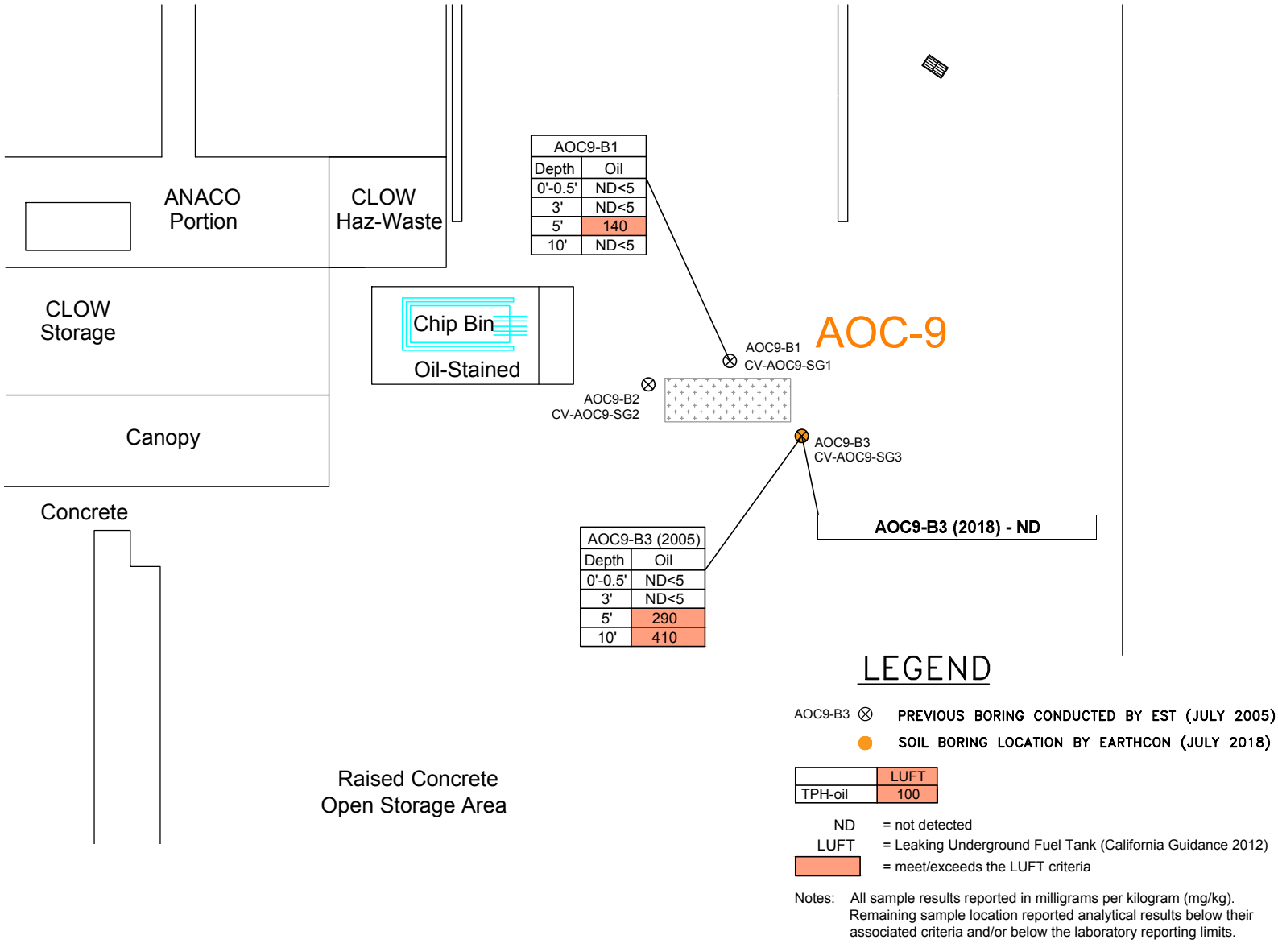
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AOC 8 - TRANSFORMER AREA 2
PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3H

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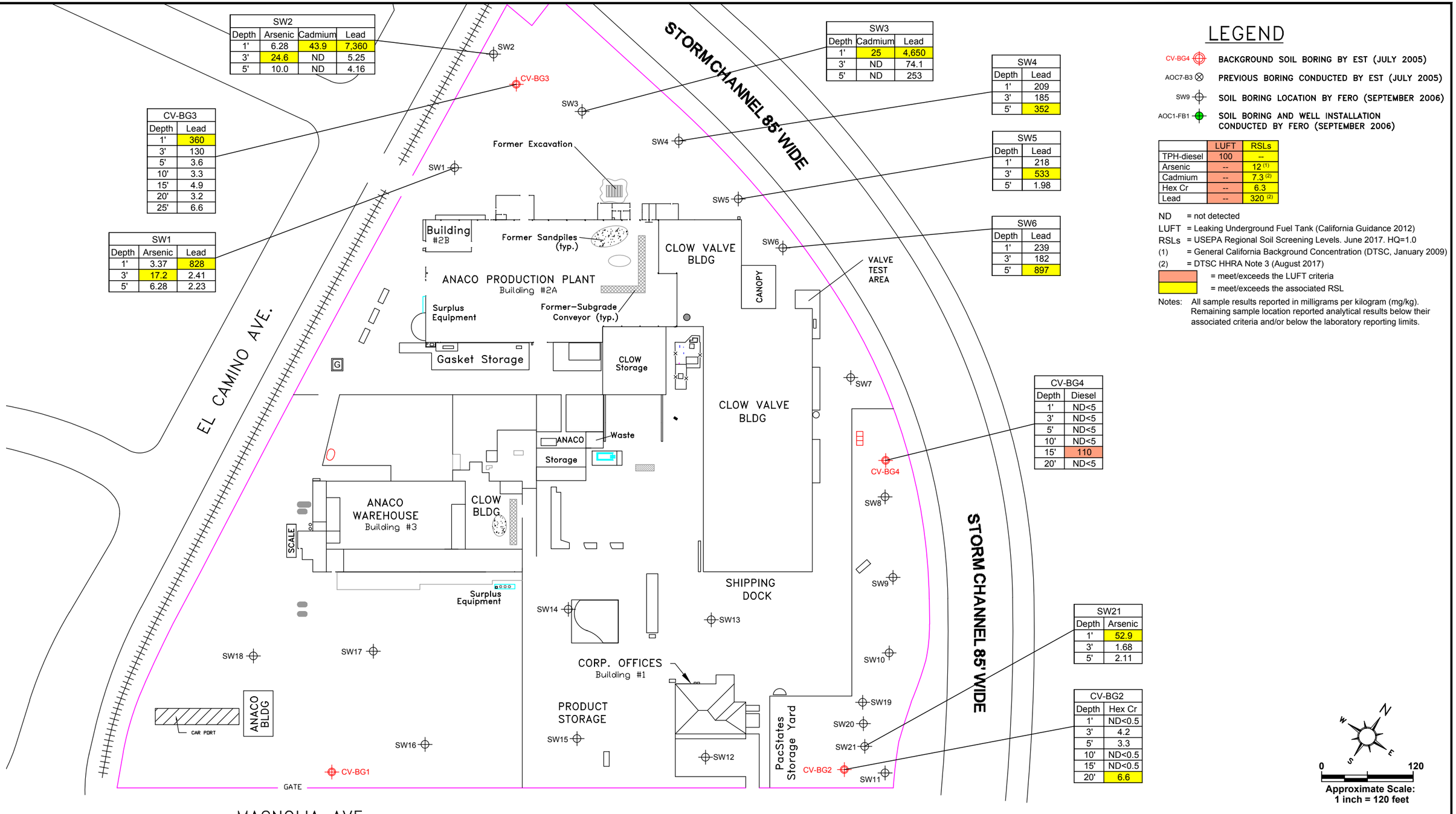
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 9 - FORMER TEST POND PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3I

FILENAME:S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3EFHI.dwg (3I (AOC9)) 10/18/19 10:47 - kgyawall

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LEGEND

- CV-BG4 — BACKGROUND SOIL BORING BY EST (JULY 2005)
- AOC7-B3 — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- SW9 — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC1-FB1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)

	LUFT	RSLs
TPH-diesel	100	--
Arsenic	--	12 (1)
Cadmium	--	7.3 (2)
Hex Cr	--	6.3
Lead	--	320 (2)

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(1) = General California Background Concentration (DTSC, January 2009)
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

N W E S

0 120

Approximate Scale: 1 inch = 120 feet

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BACKGROUND AND SITEWIDE SOIL BORINGS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3J

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SW2	
Depth (ft)	Lead (mg/kg)
1	7,350

SW3	
Depth (ft)	Lead (mg/kg)
1	4,650

AOC1-B3	
Depth (ft)	Lead (mg/kg)
0	3,600

AOC1-B11	
Depth (ft)	Lead (mg/kg)
0	4,600

STORM CHANNEL 85' WIDE

EL CAMINO AVE.

Former Excavation

AOC-4

Building #2B

Former Sandpiles (typ.)

ANACO PRODUCTION PLANT
Building #2A

Surplus Equipment

Former-Subgrade Conveyor (typ.)

Gasket Storage

CLOW VALVE BLDG

CANOPY

MW-2

VALVE TEST AREA

AOC-6

CLOW Storage

AOC-7
(Transformer Area 1)

CLOW VALVE BLDG

AOC-3

AOC1-B11

AOC1-B3

MW-1

AOC1-FB1

AOC-1

AOC-5

ANACO Storage

Waste

AOC-2
(Chip Bin Storage Area)

AOC-9
(Former Test Pond)

ANACO WAREHOUSE
Building #3

CLOW BLDG

SCALE

WOMEN'S RESTROOM

MEN'S RESTROOM

Surplus Equipment

AOC-8
(Transformer Area 2)

SHIPPING DOCK

CORP. OFFICES
Building #1

PRODUCT STORAGE

PacStates Storage Yard

MW-3

CAR PORT

ANACO BLDG

GATE

MAGNOLIA AVE

LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND - TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

Notes: Sample results reported in milligrams per kilogram (mg/kg).

Remaining sample locations reported analytical results below their associated criteria and/or below the laboratory reporting limits.

N W E S

0 120

Approximate Scale:
1 inch = 120 feet

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SHALLOW SOIL SAMPLES WITH LEAD EXCEEDING 1,000 MG/KG

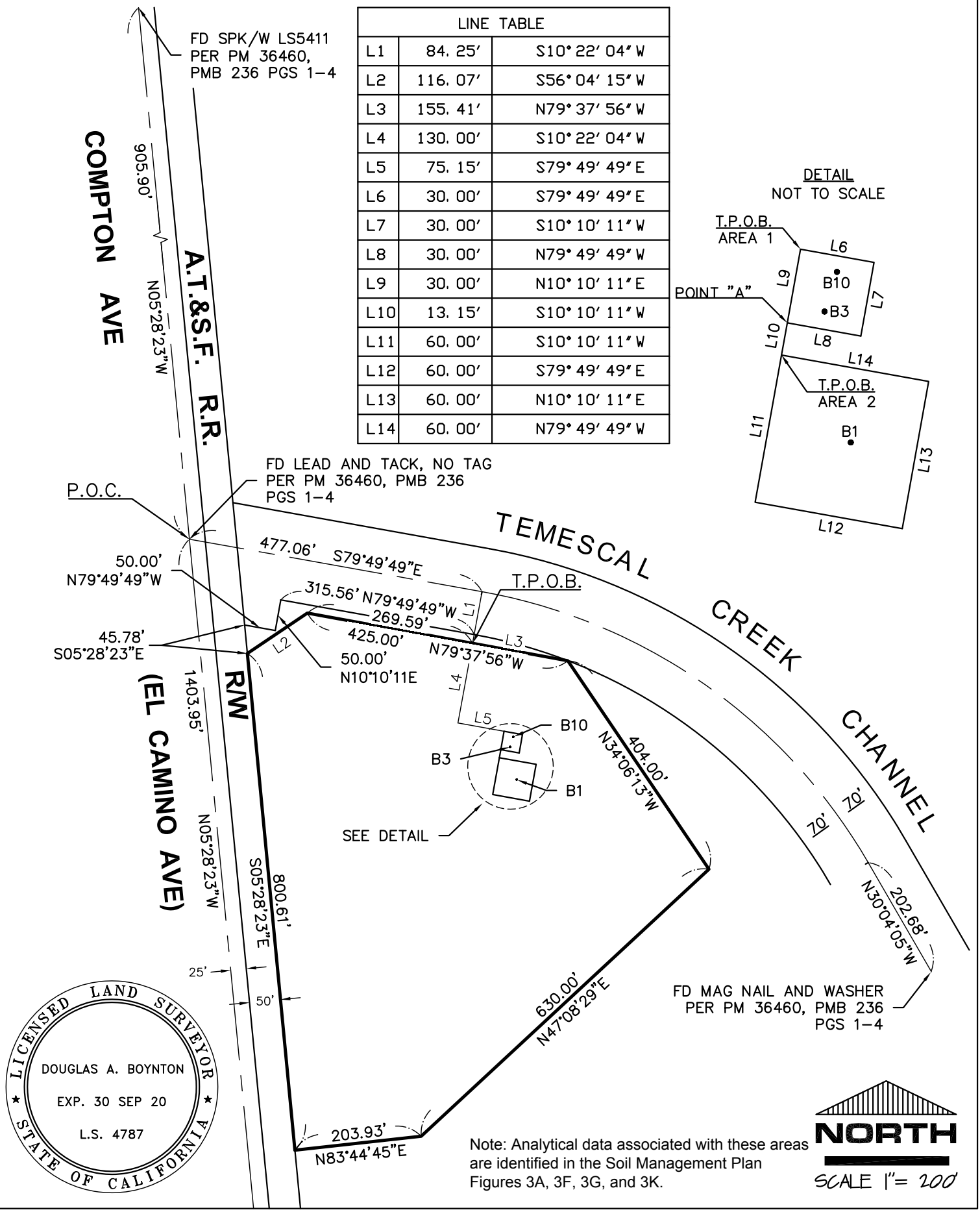
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KG	JB	12/28/20	3K

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 12-28-20_Fig3K.dwg (F3K) 12/28/20 13:34 - kgyawali

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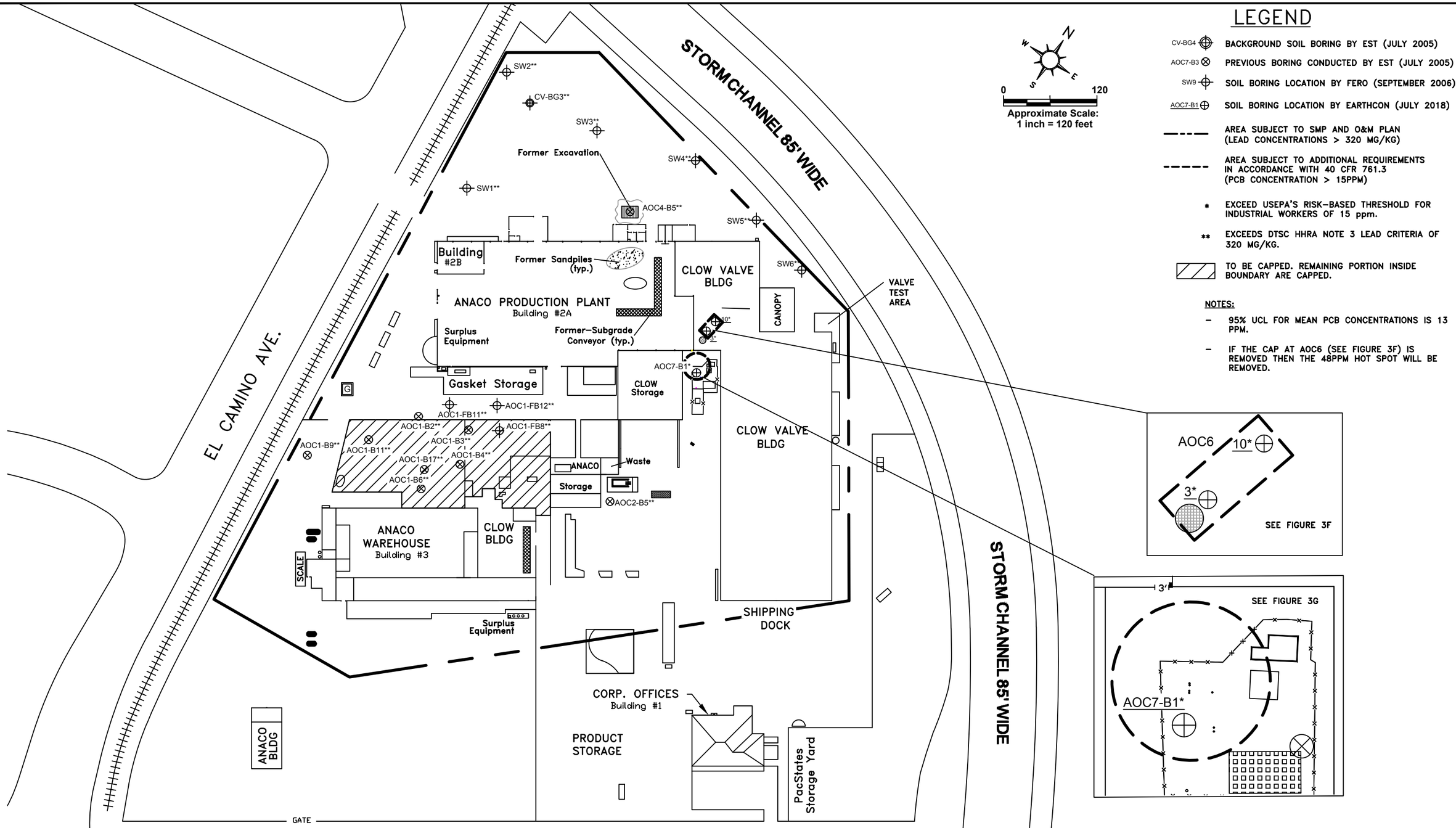
FIGURE 4

SURVEY OF AREA SUBJECT TO LAND USE COVENANT



LINE TABLE		
L1	84. 25'	S10° 22' 04" W
L2	116. 07'	S56° 04' 15" W
L3	155. 41'	N79° 37' 56" W
L4	130. 00'	S10° 22' 04" W
L5	75. 15'	S79° 49' 49" E
L6	30. 00'	S79° 49' 49" E
L7	30. 00'	S10° 10' 11" W
L8	30. 00'	N79° 49' 49" W
L9	30. 00'	N10° 10' 11" E
L10	13. 15'	S10° 10' 11" W
L11	60. 00'	S10° 10' 11" W
L12	60. 00'	S79° 49' 49" E
L13	60. 00'	N10° 10' 11" E
L14	60. 00'	N79° 49' 49" W

Note: Analytical data associated with these areas are identified in the Soil Management Plan Figures 3A, 3F, 3G, and 3K.



LEGEND

- CV-BG4 ⊕ BACKGROUND SOIL BORING BY EST (JULY 2005)
- AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- SW9 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC7-B1 ⊕ SOIL BORING LOCATION BY EARTHCON (JULY 2018)
- AREA SUBJECT TO SMP AND O&M PLAN (LEAD CONCENTRATIONS > 320 MG/KG)
- AREA SUBJECT TO ADDITIONAL REQUIREMENTS IN ACCORDANCE WITH 40 CFR 761.3 (PCB CONCENTRATION > 15PPM)
- * EXCEED USEPA'S RISK-BASED THRESHOLD FOR INDUSTRIAL WORKERS OF 15 ppm.
- ** EXCEEDS DTSC HHRA NOTE 3 LEAD CRITERIA OF 320 MG/KG.
- TO BE CAPPED. REMAINING PORTION INSIDE BOUNDARY ARE CAPPED.

NOTES:

- 95% UCL FOR MEAN PCB CONCENTRATIONS IS 13 PPM.
- IF THE CAP AT AOC6 (SEE FIGURE 3F) IS REMOVED THEN THE 48PPM HOT SPOT WILL BE REMOVED.

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SITE PLAN WITH AREAS SUBJECT TO THE LAND USE COVENANT

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AB	JB	06/21/2021	4A

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APPENDICES

APPENDIX A

PROJECT HEALTH & SAFETY PLAN (HASP)

Corrective Measures Study
Clow Valve
1375 Magnolia Avenue
Corona, California

EarthCon Project No. 04.20150013.00

August 22, 2016
Revised October 2, 2017

Project Health and Safety Plan (HASP)

Project Name: Corrective Measures Study - Clow Valve
1375 Magnolia Avenue
Corona, California

Project Number: 04.20150013.00

Prepared by:	Jennifer McGervey EarthCon Consultants CA, Inc.	8/19/16
Project Manager:	Jeff Bennett, PG EarthCon Consultants CA, Inc.	8/19/16
Approved by:	J. Ryan Clarke EarthCon HASP Reviewer	08/20/2016

Brief Description of Amendment	**Amendment Date**
Update field scope to include capping; updated dust action level;	10/2/17
Update of EarthCon H&S personnel	10/2/17

Health and Safety Plan Consent Agreement

Because of the potentially hazardous nature of this site and activity occurring at the site, it is not possible to discover, evaluate, and provide protection for all possible hazards that may be encountered. Strict adherence to the health and safety guidelines set forth in this document will reduce, but may not eliminate, the potential for injury and illness at this site. Guidelines in this Plan were prepared specifically for this site and should not be used on any other site without prior evaluation by trained health and safety personnel.

Site workers must also review this HASP. The Site Safety Officer (SSO) must conduct a pre-work briefing prior to initiating this project. All sections of this HASP must be reviewed during this briefing and documented via **Appendix A**. Any worker not attending the initial meeting must be trained by the SSO on the information covered in the pre-work briefing meeting. ***The SSO must hold tailgate meetings at the beginning of each work shift to discuss important safety and health issues concerning tasks to be performed on that day.*** After reading the HASP and attending a pre-work briefing, workers must sign the following acknowledgment statement.

I have read, understand, and will abide by the information set forth in this HASP. I have also attended a pre-work briefing. I agree to perform my work in accordance with this HASP **(See Appendix F).**

Name (Print)		Signature	Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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Figure 1: Vicinity Map
Figure 2: Site Plan
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Figure 3: Hospital Location Map

Table 1: Key Personnel and Health & Safety Responsibilities
Table 2: Training / Medical Surveillance / Respirator Fit Test Records
Table 3: General Safe Work Practices
Table 4: Hazard Analysis
Table 5: Potential Contaminants of Concern
Table 6: Emergency Response Contacts
Table 7: Emergency Response Procedures

Appendix A: Site Safety Meeting Minutes
Appendix B: Safety Data Sheet
Appendix C: Chemical Information
Appendix D: Hazard Mitigators
Appendix E: Personal Protective Equipment
Appendix F: Contractor and Outside Company HASP Consent Agreement
Appendix G: OSHA Onsite Training Document Form
Appendix H: Health & Safety Inspection Check list

1.0 HASP SUMMARY INFORMATION

The first phase of this project is anticipated to include the collection of soil samples, using a direct push drill rig, at a total depth of 10 feet below ground surface (ft bgs) and installation of two groundwater monitoring wells. The second phase is to implement the CMS activities which includes removing impacted soil, collection of soil confirmation samples, and capping the identified exposed surfaces. This HASP will be updated or amended, as necessary, to reflect any changes that may be encountered. Personnel responsibilities are described in **Table 1** and personnel training requirements are provided in **Table 2.**

Project Name…….	Corrective Measures Study
Project Location…..……..…….	Clow Valve 1375 Magnolia Avenue Corona, California (see Figures 1 and 2)
Project Number…….	04.20150013.00
Project Manager……	Jeff Bennett714-500-5400 ext.5454
Start Date / End Date	September 2016-October 2016
Site Safety Officer(s)…….	Tim Eyres
Client Contact	Larry Bowers 256-388-0001
Supervisor……...	Jeff Bennett 714-500-5400 ext. 5454
Regional Health & Safety Coordinator…..	Hugh Walker, Jr. – 662-871-8753 (Cell)
Planned Activities……..	Monitoring well install & sampling; soil sampling, capping
Chemical Hazards…….	PCBs, Lead, Cadmium, Arsenic, Diesel, Gasoline
Initial PPE……..	Level D
Emergency Phone……..	**911**
Hospital Information……	**(951) 737-4343** **Corona Regional Medical Center** **800 S Main St, Corona, CA 92882**

2.0 INTRODUCTION

This HASP serves the following purposes:

- Identifies and describes the potentially hazardous substances and working conditions that may be encountered during the field work;
- Specifies personal protective and monitoring equipment to be used during onsite activities; and
- Outlines measures to be implemented in the event of an emergency.

2.1 Site Location and Description

The Site is southwest corner of the intersection at 1375 Magnolia Avenue in Corona, California. **Figure 1** shows the site location. **Figure 2** provides a site layout for the facility. It is identified as Riverside County Assessor Parcel Number 107-030-022-3 and covers approximately 16 acres. Approximately 60% of the property is currently used for machining, product finishing and testing, and product storage. The remaining 40% includes asphalt-paved parking areas and unpaved areas. Unused foundry buildings, small offices and open areas are leased to other tenants.

2.2 Project Objectives

EarthCon will collect soil samples to assess the extent of soil contamination on-Site. The soil samples will be managed according to the workplan protocol.

EarthCon will provide oversight of advancement for well installation using a subcontracted drilling company. EarthCon will collect and manage water samples according to the workplan protocol.

EarthCon will provide oversight of the grading and asphalt cap placement associated with AOC-1 and AOC-5.

The ultimate objective is to conduct all activities in a safe and compliant manner.

2.3 Personnel Requirements and Responsibilities

Provisions of this HASP apply to all EarthCon personnel and subcontractors that will be participating in the above noted field activities. On-site personnel will be required to review the HASP prior to commencement of field activities and conduct all field activities in accordance with plan specifications. Other personnel on the site are expected to follow the provisions of the health and safety procedures outlined in this HASP as a minimum base standard but will retain full responsibility for the health and safety of their own employees or sub-subcontractors.

General safe work practices that must be implemented during work activities at this site are included in **Table 3**.

EarthCon considers each subcontractor to be an expert in all aspects of the work operations which they are tasked to provide, and each subcontractor is responsible for compliance with those regulatory and/or legal requirements which pertain to those services. While the EarthCon HASP will be the minimum H&S requirements for the work completed by EarthCon and its subcontractors, each subcontractor, in coordination with EarthCon's H&S personnel, is expected to perform its operations in accordance with its own H&S plans, policies and procedures unique to the subcontractor's work to ensure that hazards associated with the performance of the subcontractor's work activities are properly controlled. Copies of any required safety documentation for a subcontractor's work activities will be provided to EarthCon for review prior to the start of on-site activities. No review of any subcontractor plan or document by EarthCon will serve as an approval or ratification of such plan by or on behalf of EarthCon, and no such review will operate as any assumption of any duty or responsibility on the part of EarthCon (or any EarthCon employee or representative) for or as to any aspect of any subcontractor's own H&S responsibilities. Any comments or feedback from EarthCon to any subcontractor following any review by EarthCon of any subcontractor document or practice is provided solely for informational purposes and not for reliance.

In the event that the subcontractor's procedures/requirements conflict with requirements specified in this HASP, the more stringent guidance will be adopted after discussion and agreement between the subcontractor and EarthCon project H&S personnel. Hazards not listed in this HASP, but known to the subcontractor or known to be associated with the subcontractor's services, must be identified by the subcontractor and addressed to the EarthCon Project Manager prior to beginning work operations.

EarthCon personnel who have responsibility for the safe operations of this project include the Project Manager (PM), EarthCon Corporate Safety and Health Manager (CSHM), the Site Safety Officer (SSO) and the Project Field Staff. Responsibilities of each of the above referenced personnel as they relate to project safety and health are provided in **Table 1**.

2.4 Site Control

Site control procedures must be implemented **before** the start of site tasks to control worker exposures to hazardous substances. A Vicinity Map that shows the site location is included as **Figure 1**. A Site Layout Plan with proposed sampling locations is included as **Figure 2**. Changes may be made to the site map by the SSO, as needed, based on site conditions. The site map should be posted in the work area and/or field notebook.This site control program is designed to reduce the spread of hazardous substances from contaminated areas to clean areas, to identify and isolate contaminated areas of the site, to facilitate emergency evacuation and medical care, to prevent unauthorized entry to the site, and to deter vandalism and theft. The Site Safety Officer is responsible for evaluating site conditions and for verifying that the

site control program functions effectively. The site control program will be updated regularly to reflect current site conditions, work operations, and procedures.

2.4.1 Site Access

Access to the site shall be controlled using the following method(s):

☐	Security fence	☒	Temporary barricades and/or warning tape
☐	Sign in/Sign out log	☐	Guard
☐	Identification badges	☐	Other: Onsite Manager

2.4.2 Work Zones

Restricted work zones may be established to limit the spread of hazardous substances (when applicable) by workers from potentially affected areas to non-affected areas. The exact location and extent of the work zones will be modified as necessary as site investigation information becomes available. Delineation of work zones is as follows:

- Exclusion Zone: The Exclusion Zone is the area where the potential for exposure to hazards and contact with hazardous materials could occur. The zone may be marked by caution tape. Personnel working within the Exclusion Zone will be expected to follow protective measures as prescribed by the SSO.

- Contamination Reduction Zone: The Contamination Reduction Zone is a transition area between the potentially affected areas/materials and assumed non-affected areas/materials. Decontamination of personnel and equipment, if necessary, shall be conducted in this area to reduce the probability of contamination transfer to a non-affected area. The Contamination Reduction Zone shall be situated upwind of the Exclusion Zone.

- Support Zone: The Support Zone is the area, outside the Exclusion and Contamination Reduction Zone, where administrative and other project support functions are performed. The Support Zone shall be situated upwind of the Contamination Reduction Zone and/or the Exclusion Zone.

See Figure 2A for the location of the work zones.

2.4.3 Communications

Typical on-site communications may be conducted through the use of:

☒	Verbal		
☐	Two-way radio	☐	Horn
☒	Cellular telephone	☐	Siren
☒	Hand signals	☐	Other:_____

Off-site communications may be conducted through the use of:

☒ Cellular telephone: Verify cell phone reception in all work areas prior to starting work.
☐ Site Phone: Location & No. _____
☐ Pay phone: Location & No. _____
☐ Other: _____

Cell Phone reception should be verified throughout the site prior to commencing work.

2.4.4 Visitors

Visitors to the Site shall be continually escorted in order to assure their safety. Visitors will not be allowed past the Support Zone (if such a zone is established at this Site) unless they read, understand, sign, and abide by the requirements outlined in this HASP.

2.5 Worker Training

Table 2 will be used to document on-site workers who have received the appropriate training according to the company Environmental, Health, and Safety (EH&S) Training Program**. Table 2** must be completed prior to initiation of field activities. Pre-work briefing and routine tailgate meetings will be conducted to facilitate on-site training. Subcontractors must provide information requested in **Appendix G** prior to starting to work.

2.6 Safety Meetings

Project personnel who will be involved with on-site field activities must be appropriately trained in accordance with 29 CFR Part 1910.120 "Hazardous Waste Operations and Emergency Response". Before field work begins, the SSO will review the HASP with the field workers addressing the potential hazards associated with the proposed field activities. Components of the safety meeting will include, but will not be limited to, a review of the following:

- Location of sanitation facilities as seen on site plan.
- Potential chemical, operational and physical hazards present at the site.
- Personal protective equipment (PPE)/personal protection procedures.
- Hazardous materials handling procedures.
- Buddy system.
- Personal hygiene - general guidelines.
- Personal and equipment decontamination procedures.
- Emergency response procedures.
- Symptom awareness.
- Stop Work Authority

Periodic meetings with project personnel may be conducted by the SSO pending changes to the scope of work or modification to this HASP. To document the meetings, the SSO will complete

the Site Safety Meeting Minutes Form provided in **Appendix A**. Verification will be provided to the CHSM upon request.

2.7 Medical Monitoring Requirements

OSHA requires medical monitoring for personnel potentially exposed to chemical hazards at concentrations in excess of the PEL for more than 30 days per year and for personnel who must use respiratory protection for more than 30 days per year.

Will personnel working at this site be enrolled in a medical monitoring program? ☐**Yes** ☒**No**

Personnel who are diagnosed as having medical conditions which could directly or indirectly be aggravated by either exposure to chemical substances suspected of being present at the Site, or by the use of Personal Protective Equipment (PPE), will not be allowed to participate in field activities. In addition, personnel with injuries or illnesses involving open wounds may not be allowed on-site. Field personnel who develop an illness or injury during the project may be examined by a physician. A physician must determine if the employee is fit to return to work before they can return to field activities. In addition, the CHSM, SSO, or Site employees may request additional medical testing if a chemical exposure is suspected.

2.8 Hazard Communication Requirements

When chemicals are used on-site, EarthCon workers must adhere to the company's Hazard Communication Program (29 CFR §1910.1200). The following procedures must be followed for chemicals brought on-site (i.e., decontamination solution, sampling preservatives, etc.):

- Labels on incoming primary chemical containers must not be defaced (until after the container is empty, decontaminated and ready for disposal).
- Chemical containers must be stored in appropriate storage cabinets.
- Secondary containers and storage cabinets must be correctly and clearly labeled using the Hazardous Materials Identification System (HMIS).
- Incompatible chemicals must not be stored together.
- Workers must receive training on the hazards indicated in **Table 4.**
- Containers must be secured closed unless adding to or removing something from the container.
- Safety Data Sheets for the chemicals should be recent and are included in **Appendix B**.; they should be made available to workers upon request and applicable hazards covered during safety meetings.
- Workers must receive training on the hazards of the chemicals indicted in **Appendix C.**
- Include a safety training sign off sheet to document this training and provide a copy to the CHSM.
- Training on this information should be documented in **Appendix F**.

3.0 GENERAL PERFORMANCE REQUIREMENTS

General safe work practices that must be implemented during work activities at this site are included in **Table 3**.

3.1 Performance Requirements

- Workers are expected to show up alert and ready to work. No sleeping is allowed on the job.
- Any unsafe equipment, condition or work practice and injuries, no matter how slight, must be reported to the SSO immediately.
- Procedures for the proper set up and control of the worksite task area should be planned and implemented prior to starting individual tasks.
- Field personnel must have ready access to a telephone and a vehicle in case of emergency.
- Field personnel working in the Exclusion Zone are to work with another person at all times. The subcontractor's representative can serve as the second person while the work is being conducted in the field.

3.2 Hygiene Requirements

- Long hair will be secured away from the face so it does not interfere with any activities.
- Eating, drinking, chewing gum or tobacco, smoking, or any practice that increases the probability of hand-to-mouth transfer and ingestion of material is prohibited in any area designated as being potentially affected by site related chemicals.
- Hands and face must be thoroughly washed upon leaving the work area, and before eating, drinking, or other non-project activities.
- Personnel leaving potentially contaminated areas will shower (including washing hair) and change to clean clothing as soon as possible after leaving the site.
- Kneeling, sitting, leaning, or general contact with potentially affected surfaces or with surfaces suspected of being potentially affected by hazardous materials (i.e., puddles, mud, leachate, etc.) should be avoided.
- Medicine and alcohol can potentiate the effects of exposure to toxic chemicals. Neither should be taken by personnel if the likelihood of risk exists. Ingestion of alcohol during and immediately prior to field activities is prohibited.
- Sanitation facilities are provided on site. Potable water and restroom facilities are available and in accordance with 8 CCR 5192 for all employees and visitors.

4.0 HAZARD EVALUATION

A preliminary hazard evaluation was performed to identify existing site conditions and is documented in **Table 4**. The preliminary hazard evaluation addressed the following, where applicable:

- Identification of the suspected hazardous materials/wastes on-site;
- Toxicological aspects of the suspected hazardous materials on-site;
- Suspected chemical/elemental concentrations within the various media on-site;
- Inherent site hazards;
- Operational hazards; and
- Climate extremes.

Environmental site personnel have indicated fire, inhalation and skin absorption to pose a hazard on site. Reactivity including ionizing radiation is not of concern for the site due to past investigations and the operational history. All scrap steel and raw steel entering the site has been screened by radiation detection devices. Further information is documented in **Table 4**.

4.1 Suspected Chemical/Elemental Hazards

To select those contaminants that may cause health and safety concerns, henceforth referred to as potential Contaminants of Concern (COCs), a review of the site remediation and sampling history was performed. Based on this review, potential COCs were selected and are listed in **Table 5**. Chemical information for each of the potential COCs are provided in the NIOSH Pocket Guide pages located in **Appendix C**.

Information from the NIOSH Pocket Guide (e.g., flash point, water reactive, etc.) has been used in performing the chemical hazard analysis in **Table 5** (e.g., fire, inhalation, reactivity, and skin absorption hazards). If, based on the hazard analysis, chemical hazards exist, hazard mitigators must be implemented (**Appendix D**). In addition, air monitoring and personal protective equipment must also be used to evaluate airborne concentrations and protect workers.

After review of the relevant background information and data, if there is a potential for dermal and/or respiratory exposure to the materials or contaminants of concern, personnel shall perform the monitoring requirements summarized in **Section 5.2** and execute actions as appropriate. If action levels are exceeded, work shall be suspended until on-site conditions can be re-assessed and this HASP modified.

4.2 Operational/Physical Hazards/Biological Hazards

Potential operational/physical associated with tasks to be performed and the site have been analyzed in **Table 4**. If, based on the hazard analysis, these hazards exist; the hazard mitigators described in **Appendix D** must be implemented.

- **Utility (e.g., Electrical) hazards:** Utility hazards include buried cables, which pose a danger of shock or electrocution if workers or equipment contact or sever them during site operations. Onsite personnel are advised to pay special attention to the presence of utility hazards. Observe as built plans (if available) for the presence of underground hazards and advance the borings cautiously. A subsurface survey shall be conducted at each of the suspect locations, if necessary.

Lockout/Tag out procedures, in accordance with the EarthCon Lockout/Tag out Program, will be followed when working in the vicinity of electrical equipment. Electrical equipment will be considered energized unless tested and determined otherwise. Energized parts will be insulated or guarded from personal contact. Extension cords used with electrical tools will be the 3-wire type and connected to a ground fault circuit interrupter (GFCI). Wooden or fiberglass ladders will be used. Metal ladders will not be used in the work area.

- **Mechanical hazards:** Mechanical hazards include being struck by heavy equipment and being injured by excavation cave-ins. Onsite personnel are advised to stand at least 15 feet clear of heavy equipment and excavations, and wear appropriate protective equipment, including steel-toe boots and hard hats during the field activities. Fall, slip, and/or trip hazards exist when working with equipment and tools. Field personnel will observe walking surfaces in the work area to prevent tripping on equipment/tools placed on the ground. Good housekeeping will also be practiced. All walking surfaces with a drop of more than six feet will have fall protection devices. Fall protection devices may include adequate delineation of the excavation and trenches, guardrails, or climbing devices such as a harness and lanyard.

- **Noise Hazards:** Noise hazards may exist when working around heavy equipment. Loud noises interfere with communication and also lead to temporary and/or permanent hearing loss. Noise hazards may exist wherever heavy equipment such as loaders and any operating machinery, produce noise levels at or above the Action Level of 85 dBA for 8-hr Time Weighted Average (TWA). Noise in excess of 85 dBA may produce the following effects:

  1. Distraction, annoyance, or sudden surprise
  2. Inability to effectively communicate with co-workers
  3. Physical damage expressed initially as a Temporary Threshold Shift (TTS) and then, as a Permanent Threshold Shift (PTS), or immediately as a Permanent Threshold Shift if the impact noise is sufficient enough (usually greater than 100 dBA)

  Appropriate hearing protection must be utilized in areas of unacceptable noise levels.

If, based on the hazard analysis (**Table 4**), biological hazards exist associated with tasks to be performed and site location (e.g., allergic reactions to poisonous plants or insects indigenous to the area, etc.); hazard mitigators (**Appendix D**) must be implemented.

5.0 PERSONAL PROTECTION

5.1 Personal Protective Equipment (PPE)

The levels of personal protection required for each task are provided **in Appendix E.** This PPE is based on the hazards identified in **Section 4.** Required equipment and types of protective clothing materials are listed, as well as an indication of the initial level of protection.

Is there potential for a respirator to be donned during fieldwork? ☐Yes ☒No

It is not anticipated that the use of respirators will be needed, however during the drilling work and sampling the area will be monitored via dust particulate monitor (MiniRam or equivalent). If there is an indication that a respirator is required work will be halted until tasks have been re-evaluated and the HASP has been updated as needed.

The general use of PPE is acceptable when engineering controls cannot adequately eliminate the hazard. The use of PPE is intended to provide protection for on-site personnel from chemical, physical, and operational hazards that cannot be controlled through other safety procedures. Initially, Level D Protection will be employed by on-site personnel and will include varying levels of eye, head, body, hand, foot, and hearing protection.

Respiratory protection will not be required. However, if respirators are worn, workers must adhere to the company's Respiratory Protection Program (29 CFR §1910.134). **Table 2** should be used to provide a record of the site workers' last fit test. Beards (i.e., facial hair interfering with the respirator seal) are not allowed.

Acceptable PPE are further described below.

- Eye Protection: Eye protection will include the use of chemical splash goggles and/or face shields and impact resistant safety glasses with side shield protection that meet the current ANSI standard Z87.1.

- Head Protection: Non-metallic hard hats meeting the current ANSI standard Z89.1 will be worn by on-site personnel as required during field activities.

- Body Protection: Body protection will include the use of long sleeved shirt and pants work clothes.

- Hand Protection: Hand protection will include the use of nitrile gloves when hand contact with affected materials (e.g., groundwater and soil) may occur. Otherwise use work gloves of leather or other appropriate material.

- Foot Protection: Foot protection will include the use of impact resistant boots meeting the current ANSI standard Z41.1.

These levels shall only be downgraded upon approval by either the CSHM or SSO. Project personnel are not permitted to deviate from the specified levels of protection without prior approval of the SSO.

5.2 Personal Air Monitoring

Corrective measure activities may have the potential to generate dust; therefore, dust monitoring will be conducted on-Site. Airborne particulate concentrations will be measured with a portable particulate monitor (MiniRam or equivalent) to ensure compliance with the action levels (stop work level) and Cal OSHA Permissible Exposure Limits (PELs). The PELs for COCs potentially present on-Site, along with stop work levels are provided in Table 5.

According to calculations using the site specific maximum concentrations documented in **Table 5** and the OSHA Permissible Exposure Limit (PEL) for total dust, the only constituent of concern is lead. Total dust must measure below 6.8 mg per cubic meter (mg/m^3) to remain below the PEL for lead. However, at the direction of the DTSC the action level for total dust is 0.05 mg/m^3. A MiniRam will be on site at all times monitoring dust concentrations. The MiniRam is gravimetrically calibrated in mg/m^3using the standard SAE Fine (ISO fine) test dust. A zeroing kit will be present to accomplish zeroing in particle free air when on-site. In the case where dust levels measure over 0.05 mg/m3, work will be suspended and on-site conditions will be re-assessed.

5.3 Vehicle Safety

Vehicle safety requires the following:

- Vehicles are to be operated in a safe manner and in compliance with statutory traffic regulations and ordinances.
- Operators are to practice defensive driving and drive in a courteous manner.
- Operators are required to have a valid driver's license and liability insurance (per local/state laws).
- Seat belts are to be worn by the driver and passengers.
- No persons are allowed to ride in the back of any trucks or vans.
- Vehicles are to be driven in conformance with local speed limits.
- Personnel who are impaired by fatigue, illness, alcohol, illegal or prescription drugs, or who are otherwise physically unfit, are not allowed to drive.
- Personnel are to avoid using cellular phones or engaging in other distractions while driving.
- Vehicles should be maintained in a safe and clean condition.
- Field vehicles should be equipped with the following items; first-aid kit, fire extinguisher, spares tire and jack.
- Motor vehicle accidents shall be reported to the responsible law enforcement agency (when appropriate), the EarthCon CHSM, the EarthCon HR Director, the SSO and the EarthCon PM.
- Daily and monthly check lists to verify safe operations have been generated and should be utilized prior to operating a vehicle.
- If the site has specific driving rules, these should be reviewed and adhered to.

5.4 Illumination

Work will be completed during daylight hours only. This will ensure all work is done in accordance with 8 CCR 5192(m) illumination requirements.

6.0 DECONTAMINATION

The following decontamination (cleansing) procedures for the sampling equipment and PPE have been developed with the intent of reducing the potential for the transfer of hazardous chemicals.

6.1 Sampling Equipment

To reduce the potential for the distribution of contaminants or cross contamination of samples, the following procedures will be used. Decontamination of the sampling equipment will include washing the equipment in a detergent solution (Liqui-nox and water), rinse with potable water, rinse with organic-free/distilled water, and allow to air dry. Disposable equipment will be used when practical to eliminate the need for on-site decontamination.

6.2 Personnel and PPE

During this project the goal will be to use disposal PPE (nitrile gloves), therefore no PPE decontamination will be required. If this cannot be accomplished, PPE must be decontaminated (cleaned) per 29 CFR §1910.120(k). In an emergency, the primary concern is *to prevent the loss of life or severe injury to site personnel. If immediate medical treatment is* required to save a life, decontamination should be delayed until the victim is stabilized. If decontamination can be performed without interfering with essential life saving measures or first-aid, or if a worker has been contaminated with an extremely toxic or corrosive material that could cause severe injury or loss of life, decontamination must be performed in coordination with or prior to initial medical treatment at the scene.

Decontamination of PPE (e.g., gloves) shall be accomplished by passing personnel through appropriate stages of contamination reduction and removing contaminated clothing and equipment in decreasing order of the degree of potential contamination. Personnel who have entered areas suspected of containing hazardous materials (i.e., the Exclusion Zone) will be subjected to decontamination. The personnel decontamination corridor may be comprised of the following procedural stages. These stages/procedures are listed sequentially below.

Stage No. 1: Segregated Equipment Drop – Personnel will brush off loose dirt and wash off remaining soil, sediment, and dirt from clothes and shoes upon completion of sampling and field work. Equipment and consumables that require either disposal or special handling (e.g., special and/or equipment decontamination) shall remain in this area and be decontaminated, if appropriate, or disposed of with the excavated materials or other potentially contaminated materials.

Stage No. 2: PPE Decontamination - PPE that has been potentially contaminated will be washed with a TSP and water mixture followed by a water rinse.

Stage No. 3: General Field Wash - Personnel shall wash and rinse face and hands with soap and water before leaving the site and/or eating. If a change of clothing is necessary, it shall be done at this time.

6.3 Decontamination Fluids and Investigation-Derived Waste Disposal

Decontamination water and drill cuttings will be placed in appropriate containers. Disposal methods will be determined after characterizations have been completed. Solid waste generated during decontamination and field activities (i.e., paper towels, plastic tarps, used PPE) will be removed from the Site and disposed as refuse/trash.

6.4 Vehicles

Typically, vehicles will not be allowed inside the exclusion zone. If vehicles are required in the exclusion zone (e.g., drill rigs) the following procedures will be used. Personnel will wash or remove boots and change to dry clothing prior to vehicle entry. Non-disposable equipment will be washed or bagged before placement into field vehicles. Drill rigs will be decontaminated with detergent solution and rinsed with water before leaving the exclusion zone.

7.0 EMERGENCY PROCEDURES

A list of Emergency Response contacts and telephone numbers for applicable local off-site emergency responders is provided in **Table 6**. The following emergency response equipment is required for this project:

☒ Fire Extinguisher(s): ☐ Type A ☐ Type B ☐ Type C ☒ Type ABC
☒ Air Monitoring: ☐ PID ☐ Air Sampling Pumps ☐ CG/O2 meter
☒ MiniRam ☐ H2S Meter ☐ Radiation Meter
☐ Draeger Pump w/ Sample Tubes ☐ Other:
☒ Eyewash (Note: portable eyewash bottle)
☐ SCBA
☒ First Aid Kit
☐ Shower (Note: for acids and caustics)
☐ Personal Flotation Device(s)
☐ Windsock
☐ Stop Watch &Thermoscan for Measuring Heart Rate and Heat Stress
☐ Global Positioning System
☐ Other:

As a minimum, the project shall have the following equipment available during field activities:

- A first aid kit (mandatory, including adhesive Band-Aids, gauze, tape, gloves, CPR shield, triangle bandage) shall be available in the Support Zone at all times.

  Check additional items required for the site.

  ☐ Emergency Blanket ☒ Sunscreen (as needed)

  ☒ Insect Repellent (as needed) ☐ Other: ointment for poison plants and insect bites_____

- Copious amounts of cool potable water shall be readily available for both drinking purposes and for personal hygiene purposes (e.g., washing, rinsing, and cooling of face and body, etc.).
- Emergency references (e.g., nearest phone, emergency phone numbers and services, etc.) shall accompany the first aid kit.
- Communication equipment such as a cellular phone will be accessible in case of an emergency.
- A vehicle shall be easily accessible for transport/emergency.

The emergency response communication system for the site is:

- ☒ Verbal
- ☐ Two-way radio
- ☒ Hand signals: Hand gripping throat ="Out of Air, Can't Breathe"
  Grip partner's wrist or both hands around waist ="Leave area immediately"
  Hands on top of head ="Need assistance"
  Thumps up ="OK; I am all right; I understand"
  Thumps down ="No; negative"
- ☐ Horn
- ☐ Siren
- ☒ Other: Cellular Phone

If an on-site emergency develops, the procedures outlined in **Table 7** shall be followed immediately.

7.1 Natural Disasters

In the event of emergency conditions associated with natural disasters, such as severe weather, site personnel will remain calm, turn off equipment and ignition sources, and move away from buildings, cranes, and overhead utilities. Following an emergency, personnel will proceed to a designated meeting place. The SSO will take a head count to ensure that all personnel are present. Crews must remain together until accounted for. The SSO will assess any injuries and the need for emergency assistance.

7.2 Workplace Violence

If any employee or visitor is confronted by a potentially hostile person, he/she will remain calm and refrain from further aggravating the individual. Site personnel should contact the SSO. Protocol established by the site will be followed or local police will be contacted for assistance when needed.

8.0 SHIPMENT OF RESTRICTED ARTICLES

Federal laws and international guidelines place restrictions on what materials may be shipped by passenger and cargo aircraft. In the course of field activities, the following items may be shipped to and from the site in the following manner.

Item	Hazardous Constituent	Quantity	Packaging	How Shipped
Soil samples	*NA	5	8 oz. glass jar with Teflon lid. Laboratory provided	EarthCon Personnel

Item	Hazardous Constituent	Quantity	Packaging	How Shipped
Groundwater Samples	HCL & HNO3 – lab preservatives	3	VOAs and HDPE laboratory provided containers	EarthCon Personnel

*soil samples do not have preservatives

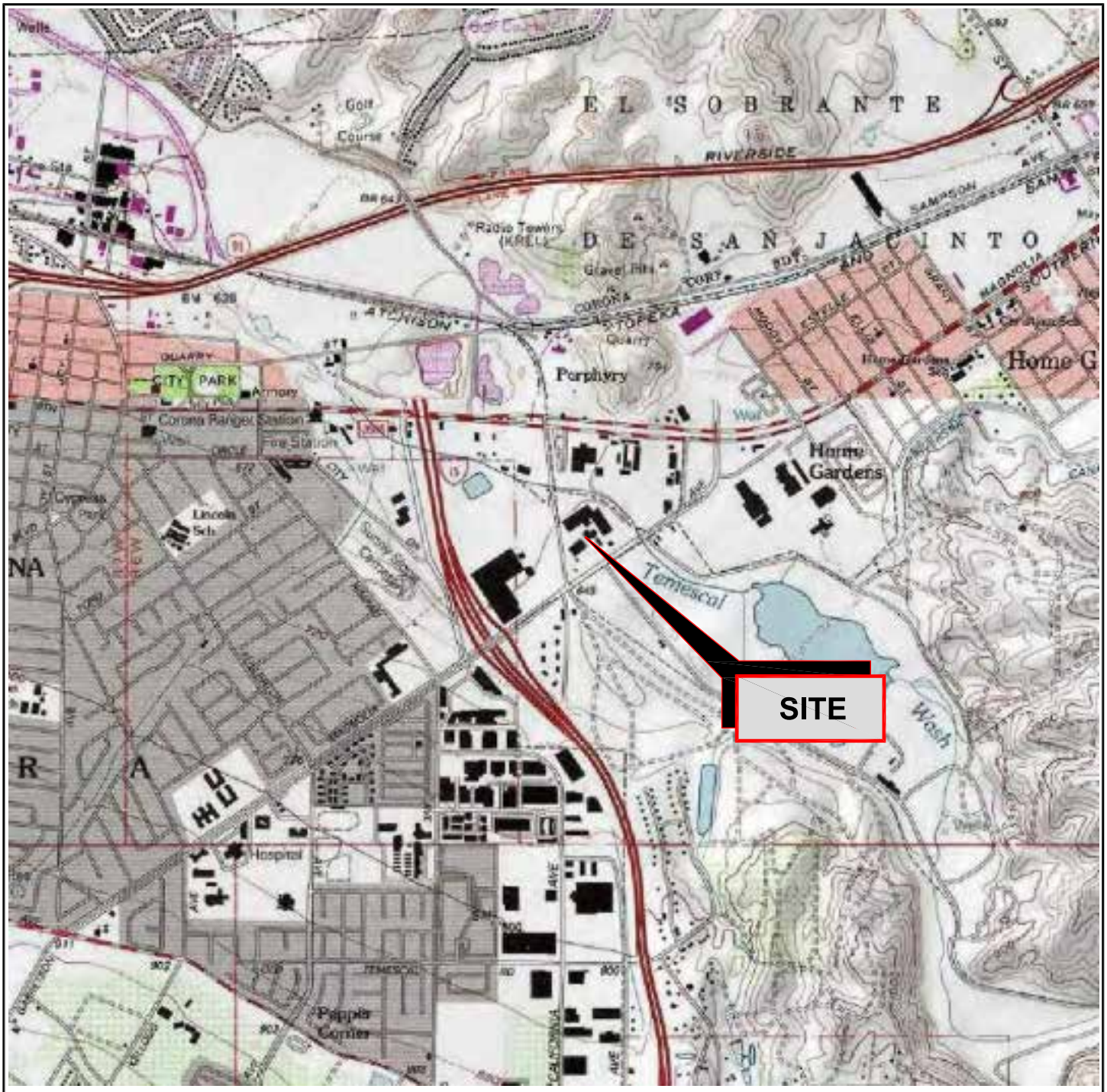
9.0 SPILL CONTAINMENT

An evaluation was conducted to determine the potential for hazardous substance spills at this site. That evaluation indicates that there is no potential for a hazardous substance spill of a sufficient quantity to require containment planning, equipment, and procedures. For that reason, no spill containment program is implemented at this site. Employee training on how to respond and take protective measures during incidental releases of hazardous substances are provided consistent with the Hazard Communication Standard, 29 CFR 1910.12

Incidental spills are different from emergency releases. Incidental spills can safely be absorbed, neutralized, or otherwise controlled by EarthCon employees or contractors with the appropriate training.

Figure 1

Vicinity Map



FROM: U.S. GEOLOGICAL SURVEY, 1997
QUADRANGLE: CORONA SOUTH
COUNTY: RIVERSIDE
SERIES: 7.5-MINUTE QUAD

NOTE: ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE

N
W E
S

0 2000 Feet
SCALE

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVENUE, SUITE 102, ORANGE, CA 92868

VICINITY MAP

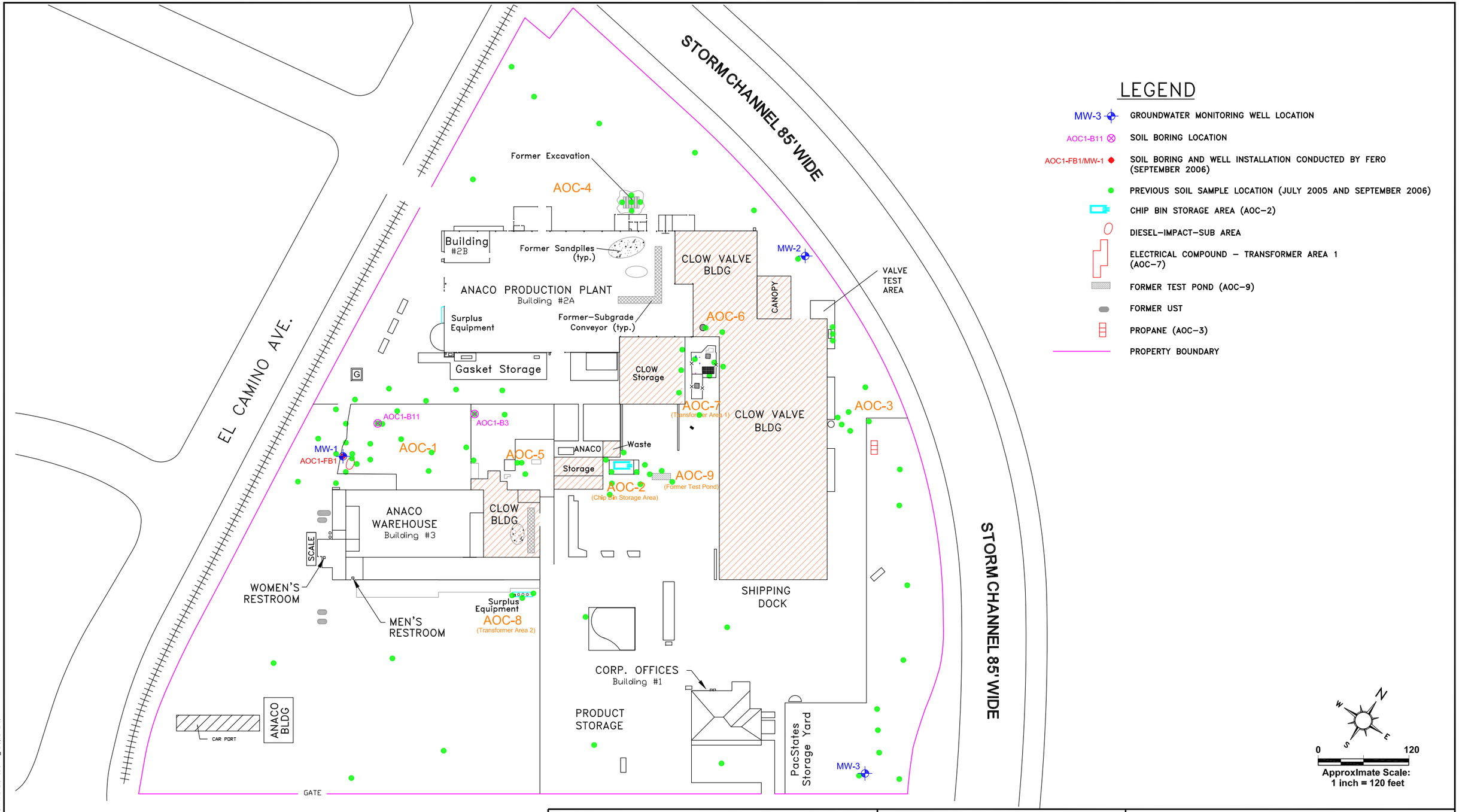
DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	12/30/15	1

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE 1375 MAGNOLIA AVENUE, CORONA, CA_VICINITY MAP

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Figure 2

Site Plan



LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

N W E S

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON

EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVE., SUITE 102, ORANGE, CA 92868

SITE PLAN

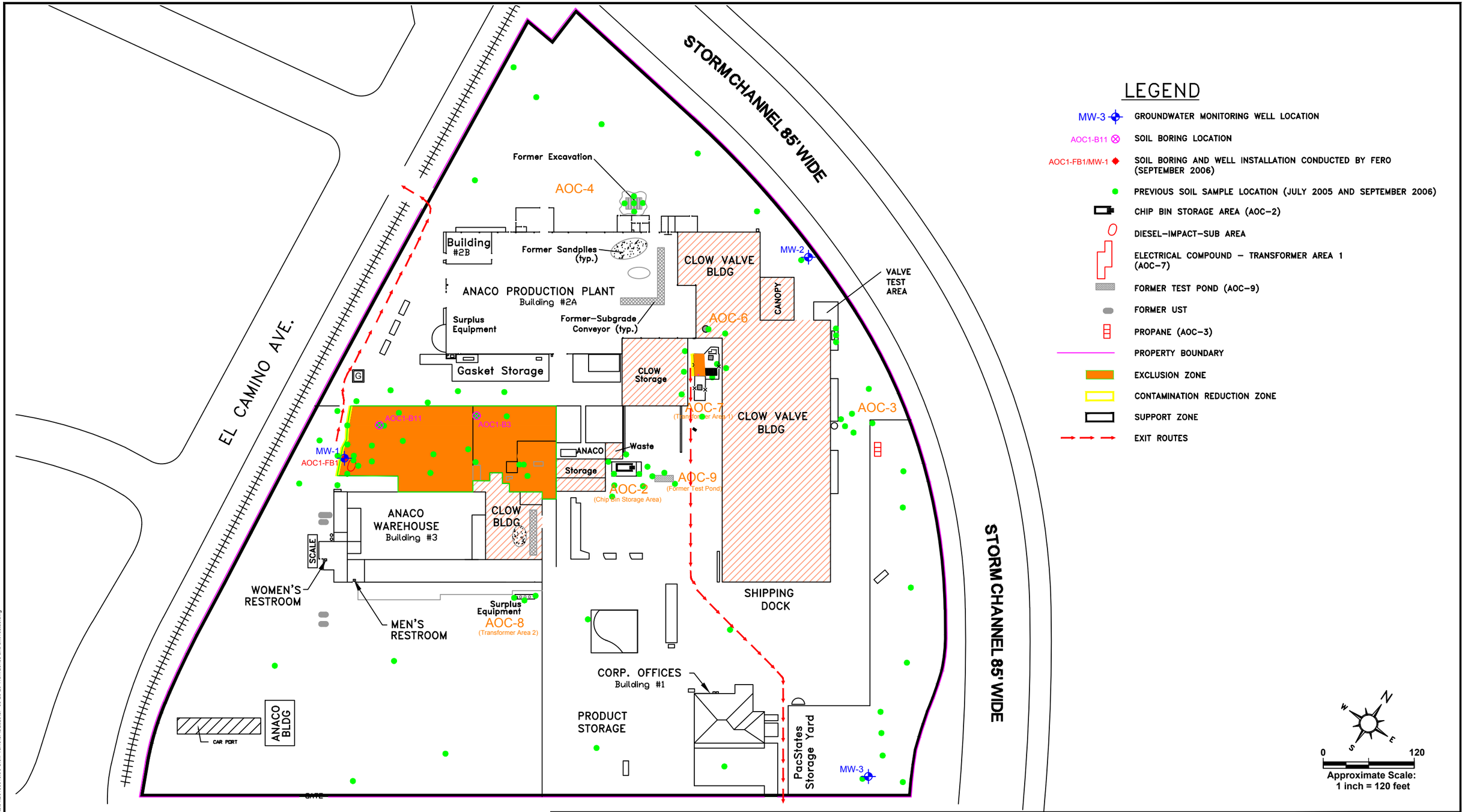
DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	2

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09-07-17_F2 SITE PLAN

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Figure 2A

Site Plan with Work Zones and Exit Routes



LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
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- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY
- EXCLUSION ZONE
- CONTAMINATION REDUCTION ZONE
- SUPPORT ZONE
- EXIT ROUTES

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®
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1914 W. ORANGEWOOD AVE., SUITE 102, ORANGE, CA 92868

SITE PLAN WITH WORK ZONES AND EXIT ROUTES

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	03/26/20	2A

FILENAME: S:\Common\Orange\CAD\Projects\04.20150013.00-Clow Valve\CAD\2020\SP 03-26-20-Work zones and exit routes.dwg

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Figure 3

Hospital Location Map

8/19/2016 1375 Magnolia Avenue, Corona, CA 92879 to Corona Regional Medical Center - Google Maps

Google Maps 1375 Magnolia Avenue, Corona, CA 92879 to Corona Regional Medical Center Drive 2.4 miles, 8 min



1375 Magnolia Avenue

Corona, CA 92879

Head southwest on Magnolia Ave toward Sherborn St

0.1 mi

Turn right onto El Camino Ave

0.4 mi

Turn left onto E 6th St

1.6 mi

Turn left onto S Main St

0.2 mi

Corona Regional Medical Center

800 South Main Street, Corona, CA 92882

Table 1

Key Personnel and Health & Safety Responsibilities

Project Manager (PM) Jeff Bennett	**Regional H&S Coordinator** Hugh Walker	**Site Safety Officer (SSO)** Lindsey Langer/Jenn McGervey	**Project Field Staff** Lindsey Langer/Jenn McGervey
• Coordinate, approve, implement and manage this HASP and amendments, if any. • Incorporate H&S planning, implementation, and supplies (PPE, decontamination materials) into project plans and budget. • Select and assign responsibility to the SSO to implement HASP. • Monitor the Field Logbooks for health and safety work practices employed. • Coordinate with SSO so that emergency response procedures are implemented, if needed. • Inform CSHM of HASP violations, if any, and verify corrective actions are implemented. • Ensure personnel receive this plan, are aware of its provisions, are aware of the potential hazards associated with site operations, are instructed in safe work practices, are familiar with emergency response procedures and document this information • Coordinate with Client and SSO. • In the event of an incident or other emergency complete & submit appropriate forms and make proper notifications.	• Review and approve HASP; approve any associated amendments. • Evaluate documentation presented of site hazards for HASP preparation. Maintain a final copy of the completed HASP. • Perform periodic audits of documentation of project activities to evaluate general compliance with policies, procedures, directives and guidelines presented in this HASP. • Assist with the implementation of the Corporate Health and Safety Program. • Provide environmental, health and industrial hygiene consultation as needed. • In the event of an emergency, if required set up an incident investigation team and notify applicable outside agencies.	• Be present on-site, as appropriate, with the authority to implement HASP and EarthCon H&S protocols. • Confirm that site personnel meet the training and medical requirements. • Verify that monitoring equipment and personal protective equipment is operating correctly according to manufacturer's instructions and such equipment is utilized by on site personnel. Calibrate or verify calibration of monitoring equipment and record results. • Verify that decontamination procedures are being implemented and Site Control Plan is in place. • Provide and document pre-work briefing and daily tailgate safety meetings, monitor activities for safe work practices and HASP compliance. • Perform routine H&S inspections. Document meetings and inspections. Provide copies to CHSM as requested. • Report to the Project Manager deviations from the anticipated conditions, and authorize the cessation of work if necessary. • Notify the PM and CSHM in the event an emergency occurs, and implement site emergency response and follow-up procedures, provide First Aid, as needed. • Work with PM to verify appropriate notifications and forms are completed for any incident or near miss. • Secure the scene after an emergency until given notification to release the scene by the CHSM.	• Provide verification of required health and safety training and medical surveillance prior to arriving at the site. • Notify the SSO of any special medical conditions (e.g., allergies). • Review, be familiar with and abide by the HASP. • Attend pre-work briefings and daily tailgate safety meetings. • Comply with requests of PM, SSO, and HASP. • Perform work using safe techniques; be responsible for their personal safety. • Immediately report any accidents and/or unsafe conditions to the SSO.

Table 2

Training / Medical Surveillance / Respirator Fit Test Records

Name	*EHS Category*	*Initial 40-Hour*	*Annual 8-Hour Refresher*	*8-Hour Supervisor (if applicable)*	*CPR/ First Aid[1] (initial or refresher)*	*Medical Surveillance[2] (if applicable)*	*Annual Respirator Fit Test[3] (if applicable)*	*Other:[4]*
		Date	***Date***	***Date***	***Date***	***Date***	***Date***	***Date***
Jeff Bennett	I	1990	1/2017	6/1990	1/2016	N/A	N/A	---
Jenn McGervey	I	8/2015	1/2017		1/2016	NA	NA	---
Lindsey Langer	I	8/2019						

Footnotes:

1 CPR Refresher: every year; First Aid Refresher: every three years.
2 Annual Medical Surveillance for EHS Category I.
3 For EHS Categories I & II only.
4 Could include task-specific training, project-specific training, or project-specific medical surveillance.

Table 3

General Safe Work Practices

- Report to work alert and ready to perform assigned duties; no sleeping is allowed at the jobsite.
- Immediately report any unsafe acts, incidents, accidents, or near misses. Utilize Stop Work Authority if needed.
- Minimize contact with excavated or contaminated materials. Do not place equipment on the ground. Do not sit or kneel on potentially contaminated surfaces.
- Smoking, eating, or drinking after entering the work zone and before decontamination is prohibited. Use of illegal drugs and alcohol are prohibited. Workers taking prescribed medication that may cause drowsiness should not be operating heavy equipment, and should be prohibited from performing tasks where Level C, B, or A personal protective equipment is required.
- Practice good housekeeping. Keep everything orderly and out of potentially harmful situations.
- Use of contact lenses on-site shall only be allowed when dictated by working conditions.
- The following conditions must be observed when operating a motor vehicle.
  - Wearing of seat belts is mandatory
  - During periods of rain, fog, or other adverse weather conditions, the use of headlights is mandatory
  - A backup warning system or use of vehicle horn is mandatory when the vehicle is engaged in a backward motion
  - Posted traffic signs and directions from flagmen must be observed
  - Equipment and/or samples transported in vehicles must be secured from movement
  - The use of contractor acquired vehicles by non-contractor personnel is prohibited
  - Daily inspection sheets should be completed by driver and kept with equipment for the duration of the project.
- In an unknown situation, always assume the worst conditions.
- Be observant of your immediate surroundings and the surroundings of others. It is a team effort to notice and warn of impending dangerous situations. Withdrawal from a hazardous situation to reassess procedures is the preferred course of action.
- Conflicting situations may arise concerning safety requirements and working conditions and must be addressed and resolved rapidly by the SSO and PM to relieve any motivations or pressures to circumvent established safety policies.
- Unauthorized breaches of specified safety protocol must not be allowed. Workers unwilling or unable to comply with the established procedures must be removed from the site immediately.

Table 4

Hazard Analysis

Tasks	
① Capping	⑤
② Soil Sampling	⑥
③ Well Installation	⑦
④ GW Sampling	⑧

	①	②	③	④	⑤	⑥		
I. Chemical Hazards								
Fire	X	X	X	X				
Inhalation	X	X	X	X				
Reactivity								
Skin absorption	X	X	X	X				
Cold Stress	X	X	X	X				
Compressed Gas Cylinder								
Drowning								
Drum Handling	X	X	X	X				
Electrocution	X	X	X	X				
Excavation/Trenching			X					
Eye Injury	X	X	X	X				
Hand/Foot Injury	X	X	X	X				
Heat Stress	X	X	X	X				
Heavy Equipment	X		X					
Lifting Heavy Loads	X		X					
Noise	X		X					
Portable Power/Hand Tool	X	X	X	X				
Radiation Exposure								
Slipping/Tripping/Falling	X	X	X	X				
III. Biological Hazards								
Poisonous Plants								
Insect/Vermin/Snake Bites								
Medical Waste								

Instructions: For each task, place an "X" in the blank corresponding to associated hazards.

Table 5

Potential Contaminants of Concern

Contaminant	***IP(eV)***	***REL** (ppm) or **PEL*** (mg/m3)	***IDLH*** (mg/m3)	***LEL/UEL %***	***Flash Point (°F)***	***Routes of Exposure***	***Hazards***	***Medium***[1]	***Maximum Concentration***[2]
Total Dust	--	0.05	--	--	--	--	--	soil/dust	--
PCBs	N/A	PEL – 1.0 TWA	5	N/A	N/A	Skin, Inhalation, Ingestion	C	soil	1,400 mg/kg
Lead	N/A	PEL – 0.05 TWA	100	N/A	N/A	Skin, Inhalation, Ingestion	C	soil	7,360 mg/kg
Cadmium	N/A	PEL - 0.005 TWA	9	N/A	N/A	Skin, Inhalation, Ingestion	C,T	soil	43.9 mg/kg
Arsenic	N/A	PEL - 0.01 TWA	5	N/A	N/A	Skin, Inhalation, Ingestion	C,T	soil	52.90 mg/kg
Diesel	--	REL – 100TWA	--	0.6/6.5	125.6	Skin, Inhalation, Ingestion	F,C,Co	soil	9,300 mg/kg
Gasoline	'--	None cited/300	--	1.4/7.6	-45	Skin, Inhalation, Ingestion	F, C, Co	soil	1,300 mg/kg

-- - none established *IDLH* - immediately dangerous to life and health *R* - reactive *C* - carcinogen *O-Oxidizer*
IP(eV) - ionization potential *PEL* - permissible exposure level *SC* - suspected carcinogen *Co* - corrosive
E- explosive *STEL* - short term exposure level *F* - flammable *NA* - not applicable
P- poison *V* - varies depending on compound mixture ND – Not determined

Footnotes:

[1] Indicate type of medium (i.e. soil, water, sludge, etc.).

[2] Indicate the maximum concentration detected for the contaminant

Table 6

Emergency Response Contacts

Name	*Telephone Numbers*		*Date of Pre-Emergency Notification*
	Office	*Mobile*	
Fire Department	**911**	NA	NA
Hospital – Corona Regional Medical Center	**911** or (951) 737-4343	NA	NA
Police Department	**911**	NA	NA
Site Safety Officer – Lindsey Langer	--	562-322-7934	NA
Project Manager – Jeff Bennett	714-500-5400 ext 5454	714-743-0482	NA
Regional Manager – Larry Lew	281-240-5200 X 2761	713-829-3215	NA
Corp. HR Manager – Glenda Croft	770-973-2100 x2870	NA	NA
Regional Health & Safety Coordinator – Julia Wlson	281-240-5200 X 2705	551-486-4382	NA

NA – Not applicable in general or for the level of hazard at this Site.

WRITTEN DIRECTIONS TO HOSPITAL: (See Figure 3).

1375 Magnolia Avenue

Corona, CA 92879

Head southwest on Magnolia Ave toward Sherborn St

0.1 mi

Turn right onto El Camino Ave

0.4 mi

Turn left onto E 6th St

1.6 mi

Turn left onto S Main St

0.2 mi

Corona Regional Medical Center

800 South Main Street, Corona, CA 92882

Table 7

Emergency Response Procedures

- This plan must be discussed with verbal training for onsite EarthCon employees and subcontractors
- This training should be documented and a copy provided to the CHSM.
- The SSO (or alternate) should be immediately notified via the on-site communication system.
- If applicable, the SSO must notify off-site emergency responders (i.e., fire department, hospital, police department, etc.) and must inform the response team as to the nature and location of the emergency on site.
- If applicable, the SSO evacuates the site. Site workers should move to their respective refuge stations using the evacuation routes provided on the Site Map. SSO must account for all workers associated with the project.
- The SSO notifies the PM, Principal, and the CHSM of the emergency. If an EarthCon employee is injured, the SSO must contact the worker's Regional Manager/Branch Office Manager immediately. If the Regional Manager/Branch Office Manager cannot be contacted, then the Corporate Human Resources Department must be notified.
- For small fires, flames should be extinguished using the fire extinguisher. Large fires should be handled by the local fire department.
- In an unknown situation or if responding to toxic gas emergencies, appropriate PPE, including SCBAs, should be donned.
- If chemicals are accidentally spilled or splashed into eyes or on skin, use eyewash and/or shower.
- Before continuing site operations after an emergency involving toxic gas, the appropriate responder will don a SCBA and utilize appropriate air monitoring equipment to verify that the site is safe.
- An injured worker must be decontaminated appropriately.
- If a worker is injured, first aid will be administered by workers certified in first aid.
- If necessary, the SSO will secure the scene after the response. The scene should not be released until notification from the CHSM.
- After the response, the SSO and /or PM must complete and submit the appropriate incident reports.
- The PM or SSO should secure written /signed witness statements as appropriate, take pictures, etc. immediately and before the end of the shift.
- If an investigation is required, the CHSM and Safety Team will set up a team to start the investigation with input from the DL.
- The CHSM will notify outside agencies as appropriate.

Appendix A

Site Safety Meeting Minutes

Site Name: _____ Contract No. _____

Meeting Location _____

Meeting Date _____ Time _____ Conducted By _____

_____ Pre-Fieldwork Orientation _____ Weekly Site Meeting _____ Other

Subjects Discussed:

Safety Officer Comments:

Name and Signature of Participating Personnel (list company name if subcontractor)

Note: Attach additional pages if necessary. Send this form to the EarthCon Project Manager. Copies will be placed in the appropriate project files.

Appendix B

Safety Data Sheets

Chlorodiphenyl (42% chlorine)

Synonyms & Trade Names

Aroclor® 1242, PCB [Chlorodiphenyl (42% chlorine)], Polychlorinated biphenyl [Chlorodiphenyl (42% chlorine)]

CAS No.

53469-21-9

RTECS No.

TQ1356000

DOT ID & Guide

2315 171

Formula

$C_6H_4ClC_6H_3Cl_2$ (approx)

Conversion

IDLH

Ca [5 mg/m^3]
See: 53469219

Exposure Limits

NIOSH REL

Ca TWA 0.001 mg/m^3 See Appendix A (nengapdxa.html) [*Note: The REL also applies to other PCBs.]

OSHA PEL

TWA 1 mg/m^3 [skin]

Measurement Methods

NIOSH 5503 ;

OSHA PV2089

See: NMAM or OSHA Methods

Physical Description

Colorless to light-colored, viscous liquid with a mild, hydrocarbon odor.

Molecular Weight

258 (approx)

Boiling Point

617-691°F

Freezing Point

-2°F

Solubility

Insoluble

Vapor Pressure

Vapor Pressure
0.001 mmHg

Ionization Potential
?

Specific Gravity
(77°F): 1.39

Flash Point
NA

Upper Exposive Limit
NA

Lower Explosive Limit
NA

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans & chlorinated dibenzo-p-dioxins.

Incompatibilities & Reactivities
Strong oxidizers

Exposure Routes
inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms
irritation eyes; chloracne; liver damage; reproductive effects; [potential occupational carcinogen]

Target Organs
Skin, eyes, liver, reproductive system

Cancer Site
[in animals: tumors of the pituitary gland & liver, leukemia]

Personal Protection/Sanitation
(See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

First Aid
(See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter.

Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also

INTRODUCTION MEDICAL TESTS: 0175

File Formats Help:

How do I view different file formats (PDF, DOC, PPT, MPEG) on this site? (//www.cdc.gov/Other/plugins/)

(//www.cdc.gov/Other/plugins/#pdf)

Page last reviewed: April 11, 2016

Page last updated: April 11, 2016

Content source: National Institute for Occupational Safety and Health (NIOSH) (/niosh/) Education and Information Division

Chlorodiphenyl (54% chlorine)

Synonyms & Trade Names

Aroclor® 1254, PCB [Chlorodiphenyl (54% chlorine)], Polychlorinated biphenyl [Chlorodiphenyl (54% chlorine)]

CAS No.

11097-69-1

RTECS No.

TQ1360000

DOT ID & Guide

2315 171

Formula

$C_6H_3Cl_2C_6H_2Cl_3$ (approx)

Conversion

IDLH

Ca [5 mg/m^3]
See: IDLH INDEX

Exposure Limits

NIOSH REL

Ca TWA 0.001 mg/m^3 See Appendix A (nengapdxa.html) [*Note: The REL also applies to other PCBs.]

OSHA PEL

TWA 0.5 mg/m^3 [skin]

Measurement Methods

NIOSH 5503 ;

OSHA PV2088

See: NMAM or OSHA Methods

Physical Description

Colorless to pale-yellow, viscous liquid or solid (below 50°F) with a mild, hydrocarbon odor.

Molecular Weight

326 (approx)

Boiling Point

689-734°F

Freezing Point

50°F

Solubility

Insoluble

Vapor Pressure

Vapor Pressure
0.00006 mmHg

Ionization Potential
?

Specific Gravity
(77°F): 1.38

Flash Point
NA

Upper Exposive Limit
NA

Lower Explosive Limit
NA

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans, and chlorinated dibenzo-p-dioxins.

Incompatibilities & Reactivities
Strong oxidizers

Exposure Routes
inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms
irritation eyes, chloracne; liver damage; reproductive effects; [potential occupational carcinogen]

Target Organs
Skin, eyes, liver, reproductive system

Cancer Site
[in animals: tumors of the pituitary gland & liver, leukemia]

Personal Protection/Sanitation
(See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

First Aid
(See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter.

Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also

INTRODUCTION ICSC CARD: 0939 MEDICAL TESTS: 0176

File Formats Help:

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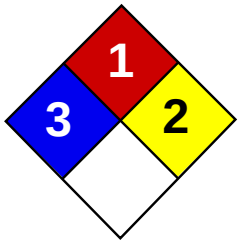
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Health	3
Fire	1
Reactivity	2
Personal Protection	E

Material Safety Data Sheet
Arsenic MSDS

Section 1: Chemical Product and Company Identification

Product Name: Arsenic

Catalog Codes: SLA1006

CAS#: 7440-38-2

RTECS: CG0525000

TSCA: TSCA 8(b) inventory: Arsenic

CI#: Not applicable.

Synonym:

Chemical Name: Arsenic

Chemical Formula: As

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Arsenic	7440-38-2	100

Toxicological Data on Ingredients: Arsenic: ORAL (LD50): Acute: 763 mg/kg [Rat]. 145 mg/kg [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant).

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, lungs, the nervous system, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Flammable in presence of open flames and sparks, of heat, of oxidizing materials.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Material in powder form, capable of creating a dust explosion. When heated to decomposition it emits highly toxic fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable

protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids, moisture.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.01 from ACGIH (TLV) [United States] [1995] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Lustrous solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 74.92 g/mole

Color: Silvery.

pH (1% soln/water): Not applicable.

Boiling Point: Not available.

Melting Point: Sublimation temperature: 615°C (1139°F)

Critical Temperature: Not available.

Specific Gravity: 5.72 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents, acids, moisture.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 145 mg/kg [Mouse].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH. Causes damage to the following organs: kidneys, lungs, the nervous system, mucous membranes.

Other Toxic Effects on Humans:
Very hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 6.1: Poisonous material.

Identification: : Arsenic UNNA: UN1558 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Arsenic California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Arsenic Pennsylvania RTK: Arsenic Massachusetts RTK: Arsenic TSCA 8(b) inventory: Arsenic

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R22- Harmful if swallowed. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 1

Reactivity: 2

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Reactivity: 2

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. -Liste des produits purs tératogènes, mutagènes, cancérogènes. Répertoire toxicologique de la Commission de la Santé et de la Sécurité du Travail du Québec. -Material safety data sheet emitted by: la Commission de la Santé et de la Sécurité du Travail du Québec. -SAX, N.I. Dangerous Properties of Indutrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Guide de la loi et du règlement sur le transport des marchandises dangeureuses au canada. Centre de conformité internatinal Ltée. 1986.

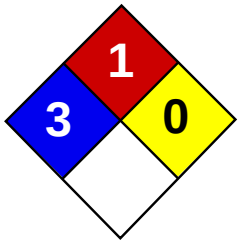
Other Special Considerations: Not available.

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Last Updated: 05/21/2013 12:00 PM

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Health	3
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Cadmium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Cadmium

Catalog Codes: SLC3484, SLC5272, SLC2482

CAS#: 7440-43-9

RTECS: EU9800000

TSCA: TSCA 8(b) inventory: Cadmium

CI#: Not applicable.

Synonym:

Chemical Name: Cadmium

Chemical Formula: Cd

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Cadmium	7440-43-9	100

Toxicological Data on Ingredients: Cadmium: ORAL (LD50): Acute: 2330 mg/kg [Rat.]. 890 mg/kg [Mouse]. DUST (LC50): Acute: 50 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant). Severe over-exposure can result in death.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Reasonably anticipated.) by NTP. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, lungs, liver. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact: No known effect on eye contact, rinse with water for a few minutes.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 570°C (1058°F)

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances:
Non-flammable in presence of open flames and sparks, of heat, of oxidizing materials, of reducing materials, of combustible materials, of moisture.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Material in powder form, capable of creating a dust explosion. When heated to decomposition it emits toxic fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Highly toxic or infectious materials should be stored in a separate locked safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.01 (ppm) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Lustrous solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 112.4 g/mole

Color: Silvery.

pH (1% soln/water): Not applicable.

Boiling Point: 765°C (1409°F)

Melting Point: 320.9°C (609.6°F)

Critical Temperature: Not available.

Specific Gravity: 8.64 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not considered to be corrosive for metals and glass.

Special Remarks on Reactivity: Reacts violently with potassium.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 890 mg/kg [Mouse]. Acute toxicity of the dust (LC50): 229.9 mg/m3 4 hour(s) [Rat].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Reasonably anticipated.) by NTP. The substance is toxic to kidneys, lungs, liver.

Other Toxic Effects on Humans:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: An allergen. 0047 Animal: embryotoxic, passes through the placental barrier.

Special Remarks on other Toxic Effects on Humans: May cause allergic reactions, exzema and/or dehydration of the skin.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification:

Identification:

Special Provisions for Transport:

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Cadmium California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Cadmium Pennsylvania RTK: Cadmium Massachusetts RTK: Cadmium TSCA 8(b) inventory: Cadmium SARA 313 toxic chemical notification and release reporting: Cadmium CERCLA: Hazardous substances.: Cadmium

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R26- Very toxic by inhalation. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. -Liste des produits purs tératogènes, mutagènes, cancérogènes. Répertoire toxicologique de la Commission de la Santé et de la Sécurité du Travail du Québec. -Material safety data sheet emitted by: la Commission de la Santé et de la Sécurité du Travail du Québec. -SAX, N.I. Dangerous Properties of Indutrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Guide de la loi et du règlement sur le transport des marchandises dangeureuses au canada. Centre de conformité internatinal Ltée. 1986.

Other Special Considerations: Not available.

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Gasoline

Synonyms & Trade Names

Motor fuel, Motor spirits, Natural gasoline, Petrol [Note: A complex mixture of volatile hydrocarbons (paraffins, cycloparaffins, and aromatics).]

CAS No.

8006-61-9

RTECS No.

LX3300000

DOT ID & Guide

1203 128

Formula

Conversion

1 ppm = 4.5 mg/m^3 (approx)

IDLH

Ca [N.D.]
See: IDLH INDEX

Exposure Limits

NIOSH REL

Ca See Appendix A (nengapdxa.html)

OSHA PEL

none See Appendix G (nengapdxg.html)

Measurement Methods

OSHA PV2028

See: NMAM or OSHA Methods

Physical Description

Clear liquid with a characteristic odor.

Molecular Weight

110 (approx)

Boiling Point

102°F

Freezing Point

?

Solubility

Insoluble

Vapor Pressure

Vapor Pressure
38-300 mmHg

Ionization Potential
?

Specific Gravity
(60°F): 0.72-0.76

Flash Point
-45°F

Upper Exposive Limit
7.6%

Lower Explosive Limit
1.4%

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities
Strong oxidizers such as peroxides, nitric acid & perchlorates

Exposure Routes
inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms
irritation eyes, skin, mucous membrane; dermatitis; headache, lassitude (weakness, exhaustion), blurred vision, dizziness, slurred speech, confusion, convulsions; chemical pneumonitis (aspiration liquid); possible liver, kidney damage; [potential occupational carcinogen]

Target Organs
Eyes, skin, respiratory system, central nervous system, liver, kidneys

Cancer Site
[in animals: liver & kidney cancer]

Personal Protection/Sanitation
(See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: No recommendation
Provide: Eyewash, Quick drench

First Aid
(See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap flush immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also

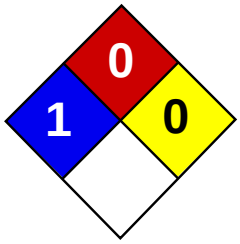
INTRODUCTION

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Content source: National Institute for Occupational Safety and Health (NIOSH) (/niosh/) Education and Information Division





Health	1
Fire	0
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Lead MSDS

Section 1: Chemical Product and Company Identification

Product Name: Lead

Catalog Codes: SLL1291, SLL1669, SLL1081, SLL1459, SLL1834

CAS#: 7439-92-1

RTECS: OF7525000

TSCA: TSCA 8(b) inventory: Lead

CI#: Not available.

Synonym: Lead Metal, granular; Lead Metal, foil; Lead Metal, sheet; Lead Metal, shot

Chemical Name: Lead

Chemical Formula: Pb

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Lead	7439-92-1	100

Toxicological Data on Ingredients: Lead LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
Slightly hazardous in case of skin contact (permeator). CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, kidneys, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Non-flammable in presence of open flames and sparks, of shocks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: When heated to decomposition it emits highly toxic fumes of lead.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable

protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.05 (mg/m3) from ACGIH (TLV) [United States] TWA: 0.05 (mg/m3) from OSHA (PEL) [United States] TWA: 0.03 (mg/m3) from NIOSH [United States] TWA: 0.05 (mg/m3) [Canada]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Metal solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 207.21 g/mole

Color: Bluish-white. Silvery. Gray

pH (1% soln/water): Not applicable.

Boiling Point: 1740°C (3164°F)

Melting Point: 327.43°C (621.4°F)

Critical Temperature: Not available.

Specific Gravity: 11.3 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials, excess heat

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Can react vigorously with oxidizing materials. Incompatible with sodium carbide, chlorine trifluoride, trioxane + hydrogen peroxide, ammonium nitrate, sodium azide, disodium acetylide, sodium acetylide, hot concentrated nitric acid, hot concentrated hydrochloric acid, hot concentrated sulfuric acid, zirconium.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. May cause damage to the following organs: blood, kidneys, central nervous system (CNS).

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:
Acute Potential: Skin: Lead metal granules or dust: May cause skin irritation by mechanical action. Lead metal foil, shot or sheets: Not likely to cause skin irritation Eyes: Lead metal granules or dust: Can irritate eyes by mechanical action. Lead metal foil, shot or sheets: No hazard. Will not cause eye irritation. Inhalation: In an industrial setting, exposure to lead mainly occurs from inhalation of dust or fumes. Lead dust or fumes: Can irritate the upper respiratory tract (nose, throat) as well as the bronchi and lungsby mechanical action. Lead dust can be absorbed through the respiratory system. However, inhaled lead does not accumulate in the lungs. All of an inhaled dose is eventually abssorbed or transferred to the gastrointestinal tract. Inhalation effects of exposure to fumes or dust of inorganic lead may not develop quickly. Symptoms may include metallic taste, chest pain, decreased physical fitness, fatigue, sleep disturbance, headache, irritability, reduces memory, mood and personality changes, aching bones and muscles, constipation, abdominal pains, decreasing appetite. Inhalation of large amounts may lead to ataxia, deliriuim, convulsions/seizures, coma, and death. Lead metal foil, shot, or sheets: Not an inhalation hazard unless metal is heated. If metal is heated, fumes will be released. Inhalation of these fumes may cause "fume metal fever", which is characterized by flu-like symptoms. Symptoms may include metallic taste, fever, nausea, vomiting, chills, cough, weakness, chest pain, generalized muscle pain/aches, and increased white blood cell count. Ingestion: Lead metal granules or dust: The symptoms of lead poisoning include abdominal pain or cramps (lead cholic), spasms, nausea, vomiting, headache, muscle weakness, hallucinations, distorted perceptions, "lead line" on the gums, metallic taste, loss of appetite, insomnia, dizziness and other symptoms similar to that of inhalation. Acute poisoning may result in high lead levels in the blood and urine, shock, coma and death in extreme cases. Lead metal foil, shot or sheets: Not an ingestion hazard for usual industrial handling.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Lead California prop. 65 (no significant risk level): Lead: 0.0005 mg/day (value) California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Lead Connecticut hazardous material survey.: Lead Illinois toxic substances disclosure to employee act: Lead Illinois chemical safety act: Lead New York release reporting list: Lead Rhode Island RTK hazardous substances: Lead Pennsylvania RTK: Lead

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R20/22- Harmful by inhalation and if swallowed. R33- Danger of cumulative effects. R61- May cause harm to the unborn child. R62- Possible risk of impaired fertility. S36/37- Wear suitable protective clothing and gloves. S44- If you feel unwell, seek medical advice (show the label when possible). S53- Avoid exposure - obtain special instructions before use.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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Appendix C

Chemical Information Directory

Included in HASP	*Chemical Name*	*Synonyms*
	Acetone	Dimethyl Ketone; Ketone propane; 2-Propanone
	Aldrin	HHDN; Octalene
	Aniline	Aminobenzene; Aniline Oil; Benzeneamine
X	Arsenic	Arsenic metal; Arsenia
	Barium	Barium metal
	Benzene	Benzol; Phenyl hydride
	Bis(2-ethylhexyl)phthalate	Di(2-ethylhexyl)phthalate
X	Cadmium	Cadmium metal
	Carbon disulfide	Carbon bisulfide
	Chlorobenzene	Benzene chloride; Chlorobenzyl; MCB; Phenyl chloride
	Chloroethane	Ethyl chloride
	Chloroform	Methane trichloride; Trichloromethane
	Chromic Acid	Chromic anhydride; Chromium trioxide
	Chromium	Chromium metal
	Cobalt	Cobalt metal dust, cobalt metal fume
	Copper	Copper metal dusts; Copper metal mists
	Cyanide	Cyanide
	Cyclohexane	Benzene Hexahydride; hexamethylene
	Dieldrin	Dieldrin
	DIPE	Diisopropyl ether
	Dioxin	Dioxin
	1,2-Dichlorobenzene	O-DCB; Orthodichlorobenzene
	1,1-Dichloroethane	Ethylidene chloride
	1,2-Dichloroethane	Ethylene dichloride; Glycol dichloride
	1,1-Dichloroethylene	1,1-Dichloroethene, vinylidene chloride
	1,2-Dichloroethylene	1,2-Dichloroethene; (cis, trans, or sym-) Acetylene dichloride
	1,2-Dichloropropane	Propylene dichloride; Dichloro-1,2-propane
	2,4-Dinitrotoluene	Dinitrotoluene; DNT; Methyldinitrobenzene
	1,4-Dioxane	Dioxane, Diethylene dioxide, Diethylene ether

Appendix C

Chemical Information Directory
(continued)

Included in HASP	*Chemical Name*	*Synonyms*
	Ethylbenzene	Ethylbenzol; Phenylethane
	ETBE	Ethyl tert-butyl ether
	Ethylene Dibromide	EDB; 1,2-Dibromoethane, Ethylene bromide, Glycol dibromide
	Formaldehyde	Methanal; Methyl aldehyde; Methylene oxide
X	Gasoline& Diesel	Motor fuel; Motor spirits; Natural gasoline; Petrol
	Motor oil	Motor oil
	Hexachloroethane	Carbon hexachloride; Ethane hexachloride; Perchloroethane
	Hydrochloric Acid	Anhydrous hydrogen chloride; Aqueous hydrogen chloride; Muriatic acid
	Hydrogen Sulfide	Hydrosulfuric acid; Sewer gas; Sulfuretted hydrogen
	Iron	Iron
	Isophorone	Isoacetophorone; 3,5,5-Trimethyl 2- cyclohexenone
	Isopropanol	Isopropyl alcohol; IPA; 2-Propanol
X	Lead (inorganic)	Lead metal
	Manganese	Manganese
	MTBE	Methyl Tert Butyl Ether
	Mercury	Colloidal mercury; Metallic mercury; Quicksilver
	Methane	Fire damp; March gas; Methyl hydride
	Methanol	Carbinol; Columbian spirits; Pyroligneous spirit; Wood alcohol; Wood naphtha; Wood spirit
	Methoxyclor	p,p-Dimethoxydiphenyl/trichlorethane; DMDY
	Methyl chloroform	1,1,1-Trichloroethane
	Methylcyclohexane	Cyclohexylmethane; Hexahydrotoluene
	Methylene chloride	Dichloromethane; Methylene Dichloride
	Naphthalene	Naphthalin; Tar Camphor; White Tar
	Nickel	Nickel catalyst

Appendix C

Chemical Information Directory
(continued)

Included in HASP	*Chemical Name*	*Synonyms*
	Nitrobenzene	Essence of mirbane; Nitrobenzol; Oil of mirbane
	PAHs	Poly Aromatic Hydrocarbons
	Pentachlorophenol	PCP; Penta; 2,3,4,5,6-Pentachlorophenol
	Phenol	Carbonic acid; Hydroxybenzene; Monohydroxybenzene; Phenol alcohol; Phenyl hydroxide
	Phosgene	Carbonyl chloride; Carbon oxychloride; Chloroformyl chloride
X	Polychlorinated biphenyls (54%)	PCBs; Chlorodiphenyl
	Sodium bisulfate	
	Synergist-D	Proprietary product
	Silver	Silver metal; Argentum
	TAME	Tertiary-amyl methyl ether
	TBA	Tert butyl alchol
	Tetrachloroethylene	Tetrachloroethylene; Perchlorethylene; Perk
	Toluene	Methyl benzene; Methyl benzol
	Toxaphene	Chlorinated camphene
	1,1,2-Trichloroethane	Ethane trichloride; B-Trichloroethane; Vinyl trichloride
	1,2,4-Trichlorobenzene	Trichlorobenzene; 1,2,4-Trichlorobenzel
	Trichloroethene	Trichloroethylene; TCE
	Trichlorofluoromethane	Fluorotrichloromethane; Freon II
	Trichlorotrifluoroethane	Freon 113; 1,1,2-Trichloro-1,2,2-trifluoroethane; CFC-113
	1,2,3-Trichloropropane	Allyl trichloride, Glycerol trichorohydrin, Glyceryl trichlorohydrin; Trichlorohydrin
	1,2,3-Trimethylbenzene	Hemellitol
	1,2,4-Trimethylbenzene	psi-Cumene; Pseudocumene
	1,3,5-Trimethylbenzene	Mesitylene; sym-Trimethylbenzene
	Vinyl chloride	Chloroethene; VC; VCM
	Xylene (Mixed Isomers)	o-xylene; p-xylene; m-xylene

Appendix D

Hazard Mitigators Directory

Included in HASP	*Hazards*
X	Fire
X	Inhalation
	Reactivity
X	Skin Absorption
Physical Hazards	
	Compressed Gas Cylinder
X	Drilling
	Drowning
X	Drum Handling
X	Electrocution
X	Excavation/Trenching
X	Eye Injury
X	Hand/Foot Injury
X	Heat Stress
X	Cold Stress
X	Heavy Equipment
X	Lifting Heavy Loads
X	Noise
X	Portable Power/Hand Tool
	Radiation Exposure
X	Slipping/Tripping/Falling
	Allergic Reaction to Poisonous Plants
	Insect/Vermin/Snake Bites
	Medical Waste

* All members of the drilling crews shall be trained in the safety features and procedures to be utilized during operation, inspection, and maintenance of the equipment.
* Conduct a survey, prior to bringing drilling equipment to the job site, to identify overhead electrical hazards, potential subsurface hazards, and terrain hazard. Once on-site, before drilling equipment is moved, the travel route shall again be visually surveyed for overhead and terrain hazards.
* Use only drilling equipment equipped with two easily accessible emergency shutdown devices, one for the operator and one for the helper.
* Do not transport drilling equipment with the mast in the upward position.
* Set up equipment on stable ground. Cribbing (a system of timbers, arranged in a rectangular pattern, used to support and distribute the weight of the equipment) shall be used when necessary.
* Extend outriggers per the manufacturer's specifications.
* Monitor weather conditions. Operations shall cease during electrical storms or when electrical storms are imminent.
* Wearing of loose clothing or equipment is not permitted.
* Use auger guides on hard surfaces.
* Verbally alert employees and visually ensure employees are clear from dangerous parts of equipment prior to starting or engaging equipment.
* Channel the discharge of drilling fluids away from the work area to prevent the pooling of water.
* Use hoists only for their designed intent. Hoists shall not be loaded beyond their rated capacity. Steps shall be taken to prevent two-blocking of hoists (the condition when the lower load block or hook assembly comes in contact with the upper load block, or when the load block comes in contact with the boom tip).
* Follow the equipment manufacturer's procedures if ropes become caught in, or objects are pulled into a cathead.

* Do not run or rotate drill rods through rod slipping devices. No more than one foot of drill rod column shall be hoisted above the top of the drill mast. Drill rod tool joints shall not be made up, tightened, or loosened while the rod column is supported by a rod slipping device.
* Control dust using dust suppression techniques.
* Clean augers only when the rotating mechanism is in neutral and the auger is stopped. Tools such as long handled shovels shall be used to remove cuttings from the auger.
* Cap and flag open boreholes; open excavations shall be barricaded.
* Keep all hand tool used during drilling operations clean and in good working condition.
* Wear hard hats and steel-toed boots at all times when performing drilling operations.
* Wear hearing protection when required.

During Geoprobe drilling

- Pay close attention to acetate sampling sleeves; can cause minor cuts when they become jiggered
- Probes /rods can have pinch points; take care when removing or adjusting.
- There will be noise so use hearing protections

- Be aware of the potential hazards of the contents of drums or containers before handling.
- Inspect the integrity of the drum or container before moving. Any drum or container lacking integrity shall be over packed.
- Consider any unlabeled drum or container as containing a hazardous substance and leave alone until contents are properly identified and labeled.
- Organize site operations to minimize the amount of drum or container movement.
- Never stand on drums or containers.
- Know that bulging drums or containers are an indication of pressure build-up. Pressure can be relieved slowly by carefully loosening the bung. If the possibility of fire or explosion exists, protective shield and/or remote opening devices should be used.
- Utilize drum/container handling equipment whenever possible. The equipment utilized should have a sufficiently rated load capacity, and should be able to operate smoothly on the available surface.
- Use proper lifting and moving techniques to prevent back injuries, if handling equipment is not available.
- Have a clear view of the available pathway when moving drums. If needed, an additional person should be available to provide guidance.
- Set up drum/container staging areas to safely identify and classify contents for proper shipment. Staging areas shall be provided with adequate ingress and egress routes.
- Label and identify drums and containers as to their contents when moved to the staging areas.
- Cease all site operations immediately if site activities uncover buried drums or containers. The SSO must be notified. The SSO will evacuate the site. All unknown situations must be evaluated before site activities are resumed. The services of a specialized contractor trained in handling unknown contaminants may be needed. If, after evaluating the situation, only a portion of the site is affected, that
- Use only drums and containers that meet the appropriate DOT, OSHA, and EPA regulations.

- When scheduling or work conditions necessitate leaving excavations open overnight, security fencing will be erected to restrict access to the site or work zones. An exclusion zone, contamination reduction zone and support zone will be identified for each soil disturbance site, as described in Section 2.4.5.

- Underground Service Alert must be notified of subsurface work at a minimum of 48 hours prior to the commencement of field activities.

- As part of the on-site health and safety meeting, a Site walk with the operators will be conducted to identify work locations (locations shown on the work plan/site plan will be in areas free of utilities/subsurface structures). Mark outs of all utilities will be verified.

- If pea-gravel is encountered while excavating all work must stop and the SSO will be contacted for further instruction. Pea-gravel is a potential indication of underground storage tank(s) or utility bedding/backfilling material.

- If any utility/subsurface feature is hit or damaged the SSO will be IMMEDIATELY contacted for further instruction. If the SSO cannot be reached contact the Project Manager for further instruction.

* A minimum clearance of 12 feet (radius) will be maintained between heavy equipment (i.e., drill rig) and any overhead power lines, regardless of voltage.
* Before subsurface work, a utilities search for underground lines will occur and will be documented.
* Installation and maintenance of electrical facilities or equipment must only be performed by qualified and properly authorized personnel or electrical subcontractors. Apprentice personnel permitted to work on electrical equipment shall be under the surveillance of a fully qualified electrician.
* Electricians shall be familiar with the National Electrical Code; state and local electric codes; OSHA standards, including 29 CFR 1926, Subpart K; and applicable sections of the National Fire Protection Association Codes.
* When working on energized circuits of 440 volts or higher, at least one qualified electrician and one other employee shall be present.
* Do not wear rings, watches or metallic objects that could act as conductors when working with electrical circuits.
* Do not use metal ladders and un-insulated tools while working with electrical circuits and equipment.
* Follow the company Lock-out/Tag-out procedures when applicable. Electrical equipment and lines shall always be considered “energized” until proven “de-energized”. Before beginning work, each electrical circuit shall be inspected, tested, and where possible, isolated from the power source. Extreme care shall be exercised as wires designed to operate at ground potential may become energized by faulty or inadequate connections.
* Use only approved grounding equipment as a ground for electrical equipment. Metal frames on electricity powered equipment, electrical facilities, and transmission equipment shall be connected to the grounding system. Alternative grounding systems complying with applicable electrical codes may be used for temporary portable equipment.
* Protect electrical wires with suitable protective conduits or devices where they are exposed to possible damage.
* Connect grounding devices to a ground before contacting any conductor of a circuit. When grounding devices are removed, they shall be disconnected from the circuit before being disconnected from ground.
* Equip all portable extension cords with a non-conducting plug and/or another socket shell. All electrical cords shall be equipped with three-blade grounding type plugs.

* Use only heavy duty electrical cords that are not subjected to excessive bending, stretching, or kicking. All cords and wires shall be frequently inspected for signs of defects. Damaged or frayed electrical wires, cords, and plugs shall be immediately replaced by a qualified electrician or other properly trained personnel.
* Install adequate warning signs and barriers (in plain sight) in all areas where hazardous electrical facilities exist.
* Do not permit overloading of electrical circuits at any time. The replacement of fuses or circuit breakers with makeshift materials or over-capacity fuses is strictly prohibited.
* The type of circuit shall determine the type of protective equipment required. Rubber gloves, sleeves, blankets, mats, and insulated platforms shall be used as required. Questions regarding PPE should be directed to the SSO.
* Inspect all insulated protective equipment continuously for defects or damages. Any defective equipment shall be replaced before using.
* Establish and enforce testing schedules for insulation qualities for protective equipment. All users shall verify that equipment has been satisfactorily tested prior to use.

* Wear appropriate eye protection according to the task at hand (e.g., goggles if liquid splash could occur, welding lenses, etc.).

* Minimize the amount of vapor or particulate matter generated, if possible.

* Avoid touching the face and eyes.

* Flush eye with water for at least 15 minutes if chemicals do get into the eye.

* Be aware of “pinch points” when working with tools and heavy equipment.
* Use proper lifting techniques to avoid dropping heavy loads on hands and feet.
* Be aware of moving machinery and heavy equipment in the work area.
* Wear protective gloves as required in the Health and Safety Plan.
* Wear steel-toed boots as required in the Health and Safety Plan.

Fatal exposures to cold among workers have almost always resulted from accidental exposures involving failure to escape from low environmental air temperatures or from immersion in low temperature water. The single most important aspect of life-threatening hypothermia is the fall in the deep core temperature of the body. Workers should be protected from exposure to cold so that the deep core temperature does not fall below 96.8°F; lower body temperatures will very likely result in reduced mental alertness, reduction in rational decision making, or loss of consciousness with the threat of fatal consequences. Pain in the extremities may be the first early warning of danger to cold stress. During exposure to cold, maximum severe shivering develops when the body temperature has fallen to 95°F. This must be taken as a sign of danger to the workers and exposure to cold should be immediately terminated for any workers when severe shivering becomes evident. Since prolonged exposure to cold air, or to immersion in cold water, at temperatures well above freezing can lead to dangerous hypothermia, whole body protection must be provided.

Adequate insulating dry clothing to maintain core temperatures above 96.8°F must be provided to workers if work is performed in air temperatures below 40°F. Wind chill cooling rate must also be considered when determining protective clothing. The equivalent chill temperature should be used when estimating the combined cooling effect of wind and low air temperatures on exposed skin or when determining clothing insulation requirements to maintain the deep body core temperature.

Unless there are unusual or extenuating circumstances, cold injury to other than hands, feet, and head is not likely to occur without the development of the initial signs of hypothermia. Older workers or workers with circulatory problems require special precautionary protection against cold injury. The use of extra insulating clothing and/or a reduction in the duration of the exposure period are among the special precautions which should be considered.

Workers handling evaporative liquid (gasoline, alcohol, or cleaning fluids) at air temperatures below 39.2°F should take special precautions to avoid soaking of clothing or gloves with the liquids because of the added danger of cold injury due to evaporative cooling. Special note should be taken of the particularly acute effects of splashes of “cryogenic fluids” or those liquids and gases with a boiling point that is just above ambient temperature.

Heat stress is a medical condition where a worker exerts energy above his body's ability to adapt to the stress. Malfunctioning or overload of the body's temperature and sweat mechanisms results in heat stress. Poor adaptation to heat may lead to heat cramps, heat exhaustion, or heat stroke. There are three primary causes of heat stress: insufficient water intake; insufficient salt intake; and a deficiency in the production of sweat, the evaporation of which helps to cool the body naturally. Heat stress or heat exhaustion can result in a more life-threatening condition called heat stroke, which is an overexposure to extreme heat, where the body can no longer provide natural regulation of heat. The body overheats and core temperatures may reach 107F which can result in a coma and death

Field team members shall be observed for signs and symptoms of heat stress that include: confusion, dizziness, profuse sweating, skin color change, increased heart rate and vision problems. Personnel who exhibit any of these symptoms shall be removed from field work and requested to consume two to four pints of electrolyte fluid or cool water every hour while resting in a shaded area. The individual should not return to work until the symptoms are no longer recognizable. If symptoms appear critical, persist, or get worse, seek immediate medical attention.

To control the potential occurrence of heat stress, preventive measures will be evaluated and implemented on a daily basis. These measures may include:

- Frequent rest periods;
- Inducement of fluids (e.g., water, Gatorade, etc.) at a rate of one-half to one cup of cool (55ºF) water every 20 minutes of the workday; and
- Periodic cooling of personnel (e.g., via shaded areas, hose-downs with water, etc.).
- Sensitive personnel should wear sunscreen containing a minimum Sun Protection Factor of 15 when working outdoors in the sun. Sunscreen lotion should be applied prior to entering the work zones.



ainst heat, sun exposure, and other hazards. Employers and employees should know the potential hazards in their workplaces and how to manage them.

Sun

Sunlight contains ultraviolet (UV) radiation, which causes premature aging of the skin, wrinkles, cataracts, and skin cancer. There are no safe UV rays or safe suntans. Be especially careful in the sun if you burn easily, spend a lot of time outdoors, or have any of the following physical features: numerous, irregular, or large moles; freckles; fair skin; or blond, red, or light brown hair. Here's how to block those harmful rays:

- Cover up. Wear loose-fitting, long-sleeved shirts and long pants.
- Use sunscreen with a sun protection factor (SPF) of at least 30. Be sure to follow application directions on the bottle or tube.
- Wear a hat. A wide brim hat, not a baseball cap, works best because it protects the neck, ears, eyes, forehead, nose, and scalp.
- Wear UV-absorbent sunglasses (eye protection). Sunglasses don't have to be expensive, but they should block 99 to 100 percent of UVA and UVB radiation. Before you buy sunglasses, read the product tag or label.
- Limit exposure. UV rays are most intense between 10 a.m. and 4 p.m.

OSHA Card—Protecting Yourself in the Sun
www.osha.gov/Publications/osha3166.pdf

Heat

The combination of heat and humidity can be a serious health threat during the summer months. If you work outside (for example, at a beach resort, on a farm, at a construction site) or in a kitchen, laundry, or bakery you may be at increased risk for heat-related illness. So, take precautions. Here's how:

- Drink small amounts of water frequently.
- Wear light-colored, loose-fitting, breathable clothing—cotton is good.
- Take frequent short breaks in cool shade.
- Eat smaller meals before work activity.
- Avoid caffeine and alcohol or large amounts of sugar.
- Work in the shade.
- Find out from your health care provider if your medications and heat don't mix.
- Know that equipment such as respirators or work suits can increase heat stress.

There are three kinds of major heat-related disorders—heat cramps, heat exhaustion and heat stroke. You need to know how to recognize each one and what first aid treatment is necessary.

OSHA Heat Stress Fact Sheet:
www.osha.gov/OshDoc/data_Hurricane_Facts/heat_stress.pdf

OSHA Heat Stress Quick Card:
www.osha.gov/Publications/osha3154.pdf

Lyme Disease/Tick-Borne Diseases

These illnesses (i.e., Rocky Mountain spotted fever) are transmitted to people by bacteria from bites of infected deer (blacklegged) ticks. In the case of Lyme disease, most, but not all, victims will develop a "bulls-eye" rash. Other signs and symptoms may be non-specific and similar to flu-like symptoms such as fever, lymph node swelling, neck stiffness, generalized fatigue, headaches, migrating joint aches, or muscle aches. You are at increased risk if your work outdoors involves construction, landscaping, forestry, brush clearing, land surveying, farming, railroads, oil fields, utility lines, or park and wildlife management. Protect yourself with these precautions:

- Wear light-colored clothes to see ticks more easily.

- Wear long sleeves; tuck pant legs into socks or boots.
- Wear high boots or closed shoes that cover your feet completely.
- Wear a hat.
- Use tick repellants, but not on your face.
- Shower after work. Wash and dry your work clothes at high temperature.
- Examine your body for ticks after work. Remove any attached ticks promptly and carefully with fine-tipped tweezers by gripping the tick. Do not use petroleum jelly, a hot match, or nail polish to remove the tick.

OSHA Lyme Disease Fact Sheet: www.osha.gov/OshDoc/data_LymeFacts/lymefac.pdf

West Nile Virus

West Nile virus is transmitted by the bite of an infected mosquito. Mild symptoms include fever, headache, and body aches, occasionally with a skin rash on the trunk of the body and swollen lymph glands. Symptoms of severe infection include headache, high fever, neck stiffness, stupor, disorientation, coma, tremors, convulsions, muscle weakness, and paralysis. You can protect yourself from mosquito bites in these ways:

- Apply Picaridin or insect repellent with DEET to exposed skin.
- Spray clothing with repellents containing DEET or permethrin. (Note: Do not spray permethrin directly onto exposed skin.)
- Wear long sleeves, long pants, and socks.
- Be extra vigilant at dusk and dawn when mosquitoes are most active.
- Get rid of sources of standing water (used tires, buckets) to reduce or eliminate mosquito breeding areas.

OSHA West Nile Virus Fact Sheet: www.osha.gov/OshDoc/data_Hurricane_Facts/west_nile_virus.pdf

OSHA Safety and Health Information Bulletin: "Workplace Precautions Against West Nile Virus"

http://www.osha.gov/dts/shib/shib082903b.pdf

Poison Ivy-Related Plants

Poison ivy, poison oak and poison sumac have poisonous sap (urushiol) in their roots, stems, leaves and fruits. The urushiol may be deposited on the skin by direct contact with the plant or by contact with contaminated objects, such as clothing, shoes, tools, and animals.

Approximately 85 percent of the general population will develop an allergy if exposed to poison ivy, oak or sumac. Forestry workers and firefighters who battle forest fires have developed rashes or lung irritations from inhaling the smoke of burning plants.

- Wear long-sleeved shirts and long pants, tucked into boots. Wear cloth or leather gloves.
- Apply barrier creams to exposed skin.
- Educate workers on the identification of poison ivy, oak, and sumac plants.
- Educate workers on signs and symptoms of contact with poisonous ivy, oak, and sumac.
- Keep rubbing alcohol accessible. It removes the oily resin up to 30 minutes after exposure.

OSHA Web Page—Poisonous Plants: www.osha.gov/SLTC/etools/sawmills/poison.html

This is one in a series of informational fact sheets highlighting OSHA programs, policies or standards. It does not impose any new compliance requirements. For a comprehensive list of compliance requirements of OSHA standards or regulations, refer to Title 29 of the Code of Federal Regulations. This information will be made available to sensory impaired individuals upon request. The voice phone is (202) 693-1999; teletypewriter (TTY) number: (877) 889-5627.

For more complete information:

OSHA Occupational Safety and Health Administration

U.S. Department of Labor

www.osha.gov

(800) 321-OSHA

DSTM 9/2005

* Apply Hazard Mitigators for motor vehicles when utilizing heavy equipment (where applicable).

* Remember, heavy equipment has the right-of-way over regular vehicles. Yield to heavy equipment.

* Listen for warning signals on heavy equipment.

* Perform a visual inspection and walk around parked heavy equipment before moving to assure that equipment is in good condition and that there are no personnel on the ground that could be injured or objects that could be damaged by vehicle movement.

* Use hand rails and footholds when mounting and dismounting equipment,

* Follow appropriate equipment startup procedures. Brakes, steering, clutches and controls shall be tested.

* Pay attention to workers on the ground that may be in the path and provide warning prior to moving the equipment.

* Permit no one to ride on, or in, heavy equipment. This includes any portion of a backhoe, bulldozer, forklift or the back of a pickup truck, except in locations specifically designed for passenger use and approved by the SSO.

* Locate and flag underground utilities and buried cables, whenever possible, prior to intrusive activities (such as excavation and drilling).

* Keep haulage vehicles under positive control at all times while operating. Vehicles shall be kept in gear when descending grades.

* Do not use heavy equipment on slopes with steepness exceeding 3H:1V unless operations are consistent with manufacturer's recommendations (if the Owner's Manual is not with the equipment or does not specify slope operating procedures, see the SSO).

* Operate equipment with booms, blades, buckets, beds, etc., lowered or in a stable position while on slopes. Safety cables tethered to appropriate anchors shall be used for equipment working on steep slopes, where appropriate. The use of cables and anchors must be approved by the SSO.

* Use rollover protection and seat belts.

* Lower hydraulic systems (e.g., blades, rippers, etc.) to the ground, set brakes, and shut down equipment if malfunction occurs which impairs the ability to control a piece of equipment.

* Suspend in slings or support by hoists or jacks heavy equipment in need of repair. The equipment must also be blocked or cribbed before workers are permitted to work underneath. Working under heavy equipment can pose a crushing hazard.

* Shut off motors, do not allow smoking, and use proper dispensing equipment when refueling gasoline-operated equipment to prevent fire hazards.

* Wear hearing protection if required.

* Maintain eye contact with the heavy equipment operator when working near equipment.

* Be aware of changes in sound of equipment that may indicate a change in direction or activity.

* Know and practice proper lifting techniques.
* Limit continuous lifting of weights to 50 pounds or less. Lifts of heavier weights are permitted on an interim basis. Help shall be obtained for lifting of loads greater than 50 pounds. Mechanical equipment should be used on heavy materials when possible. If mechanical assistance is not available, adequate manpower to maintain the 50-pound limit per employee will be required.
* Do not lift more weight than can be handled comfortably, regardless of load weight. If necessary, help should be requested to lift a load so that the lifting is comfortable.
* Use drum dollies when moving drums or barrels.
* Inspect objects for grease or slippery substances before they are lifted to ensure that the object will not slip.
* Do not carry long, bulky or heavy objects without first verifying that the way is clear and that vision is unobstructed. This ensures that other persons or objects will not be struck by the load.
* Do not carry loads that cannot be seen over or around.
* Make sure workers are physically suited for the job before assigning jobs requiring heavy and/or frequent lifting. A person's lifting ability is not necessarily indicated by his height or weight.
* Before lifting an object, consideration should be given to how the object will be set down without pinching or crushing hands or fingers. For example, to place an object on a bench or table, the object should be set on the edge and pushed far enough onto the support so it will not fall. The object can then be released gradually as it is set down, and pushed in place with the hands and body from in front of the object.
* When two or more persons are handling the same object, one should "call the signals". All the persons on the lift should know who this person is and should warn him if anyone in the crew is about to relax his grip.
* Proper lifting includes:
  - *Feet* - Feet should be parted, with one foot alongside the object being lifted and one behind. Feet should be comfortably spread to give greater stability. The rear foot should be in position for the upward thrust of the lift.
  - *Back* - Use the sit-down position and keep the back straight, but remember that "straight" does not mean "vertical". A straight back keeps the spine, back muscles, and organs of the body in correct alignment. It minimizes the compression of the abdomen that can cause a hernia.
  - *Arms and Elbows* - The load should be drawn close, and the arms and elbows should be tucked into the side of the body. When the arms are held away from the body, they lose much of their strength and power. Keeping the arms tucked in also helps keep body

weight centered.

- *Palm* - The palm grip is one of the most important elements of lifting. The fingers and the hand are extended around the object to be lifted. Use the full palm; fingers alone have very little power.
- *Chin* - Tuck in the chin so the neck and head continue the straight back line. Keep the spine straight and firm.
- *Body Weight* - Position the body so its weight is centered over the feet. This provides a more powerful line of thrust and assures better balance. Start the lift with a thrust of the rear foot. Shift hand positions so the object can be boosted after knees are bent. Straighten knees as object is lifted or shifted to the shoulders. To change direction, lift the object to a carrying position, and turn the entire body, including the feet. Do not twist your body. In repetitive work, both the person and the material should be positioned so that the worker will not have to twist his body when moving the material. If the object is too heavy to be handled by one person, get help.

* Know the effects of noise, including:
  - Workers being startled, annoyed, or distracted.
  - Physical damage to the ear, pain, and temporary and/or permanent hearing loss.
  - Communication interference that may increase potential hazards due to the inability to warn of danger and proper safety precautions to be taken.
* Utilize feasible administrative or engineering controls if workers are subjected to noise exceeding an 8-hour, time-weighted average (TWA) sound level of 90 dBA (decibels on the A-weighted scale).
* Implement the company Hearing Conservation Program when noise exposures equal or exceed an 8-hour, TWA sound level of 85 dBA.
* Wear hearing protection where applicable.

* Route cords, hoses, and cables supplying power to portable power tools to prevent tripping hazards or contact with equipment or machinery.
* Avoid abusing the power supply lines of portable equipment. Excessive scraping, kicking, stretching, and exposure to grease and oils will damage lines or cause them to fail prematurely, and possibly injure the operator or fellow workers.
* Inspect cords, hoses, and cables for wear or deterioration prior to each use. Defective power supply lines shall not be used.
* Do not use electrically powered tools near flammable materials or explosive atmosphere, unless they are of the explosion-proof type meeting the National Electrical Code for explosive area. Employees operating the equipment should be aware of sparks and or metal fragments when using this equipment.
* Ground-check portable electric power tools with metal cases initially and quarterly. At no time will electrical power equipment be operated without proper grounding. All electrical cords and cables, including extension cords, shall include a third wire ground.
* Prohibit operations of electric tools in wet or damp areas except in unusual emergency circumstances. When operation is required in wet or damp conditions, extreme care will be exercised to ensure effective grounding of equipment and proper use of protective gear.
* Size cords adequately for length and the electrical demand of the tool. Otherwise, they may cause a fire hazard.
* Limit use of tools to the purpose for which the tool is intended (e.g., wrenches will not be used as hammers). Defective tools (e.g., with mushroomed heads or split or defective handles) shall not be used.
* Protect tools from corrosion damage.
* Keep tools free of accumulated dirt and unnecessary oil or grease. Moving and adjustable parts shall be lubricated frequently to prevent wear and misalignment.
* Replace or repair damaged or worn tools promptly. Temporary or makeshift repairs are prohibited. At the discretion of the supervisor, discard all tools that cannot be repaired safely. Supervisors shall decide when to discard a tool.
* Store tools in suitable boxes or containers. Loose tools shall not be stored on ledges or where they might fall. Tools shall be picked up when a job is completed and not be allowed to accumulate in the work area. Store all tools in a safe place.
* Do not use conducting (i.e., metal) tools around electrical facilities. Insulated tools, approved for electrical work, shall be tested frequently for proper insulation.

* Select the correct size and type of wrench for each job. Wrench handles shall not be extended with a pipe or cheater because the jaws will spread.
* Repair mushroomed punch, drift and chisel heads. Mushroomed heads represent crystallized metal that will break and fly off when struck.
* Wear eye protection at all times.

* Wear the proper footwear for the task at hand.
* Pay attention to the environment and use caution when moving about on site.
* Follow the easiest and safest path to the destination.
* Follow good housekeeping procedures.
* Remove objects that pose tripping hazards where practicable.
* Prevent water accumulation where practicable.

The following sections address the major workplace fire hazards and the procedures for controlling the hazards.

A. Electrical Fire Hazards

Electrical system failures and the misuse of electrical equipment are leading causes of workplace fires. Fires can result from loose ground connections, wiring with frayed insulation, or overloaded fuses, circuits, motors, or outlets.

To prevent electrical fires, employees shall:

1. Make sure that worn wires are replaced.
2. Use only appropriately rated fuses.
3. Never use extension cords as substitutes for wiring improvements.
4. Use only approved extension cords [i.e., those with the Underwriters Laboratory (UL) or Factory Mutual (FM) label].
5. Check wiring in hazardous locations where the risk of fire is especially high.
6. Check electrical equipment to ensure that it is either properly grounded or double insulated.
7. Ensure adequate spacing while performing maintenance.

B. Portable Heaters

All portable heaters shall be approved by **SSO**. Portable electric heaters shall have tip-over protection that automatically shuts off the unit when it is tipped over. There shall be adequate clearance between the heater and combustible furnishings or other materials at all times.

C. Office Fire Hazards

Fire risks are not limited to industrial facilities. Fires in offices have become more likely because of the increased use of electrical equipment, such as computers and fax machines. To prevent office fires, employees shall:

1. Avoid overloading circuits with office equipment.
2. Turn off nonessential electrical equipment at the end of each workday.
3. Keep storage areas clear of rubbish.
4. Ensure that extension cords are not placed under carpets.
5. Ensure that trash and paper set aside for recycling is not allowed to accumulate.

D. Cutting, Welding, and Open Flame Work

The **SSO**will ensure the following:

1. All necessary hot work permits have been obtained prior to work beginning.
2. Cutting and welding are done by authorized personnel in designated cutting and welding areas whenever possible.

3. Adequate ventilation is provided.
4. Torches, regulators, pressure-reducing valves, and manifolds are UL listed or FM approved.
5. Oxygen-fuel gas systems are equipped with listed and/or approved backflow valves and pressure-relief devices.
6. Cutters, welders, and helpers are wearing eye protection and protective clothing as appropriate.
7. Cutting or welding is prohibited in sprinklered areas while sprinkler protection is out of service.
8. Cutting or welding is prohibited in areas where explosive atmospheres of gases, vapors, or dusts could develop from residues or accumulations in confined spaces.
9. Cutting or welding is prohibited on metal walls, ceilings, or roofs built of combustible sandwich-type panel construction or having combustible covering.
10. Confined spaces such as tanks are tested to ensure that the atmosphere is not over ten percent of the lower flammable limit before cutting or welding in or on the tank.
11. Small tanks, piping, or containers that cannot be entered are cleaned, purged, and tested before cutting or welding on them begins.
12. Fire watch has been established.

E. Flammable and Combustible Materials

The **SSO** shall regularly evaluate the presence of combustible materials at.

Certain types of substances can ignite at relatively low temperatures or pose a risk of catastrophic explosion if ignited. Such substances obviously require special care and handling.

1. Class A combustibles.

These include common combustible materials (wood, paper, cloth, rubber, and plastics) that can act as fuel and are found in non-specialized areas such as offices.

To handle Class A combustibles safely:

a. Dispose of waste daily.
b. Keep trash in metal-lined receptacles with tight-fitting covers (metal wastebaskets that are emptied every day do not need to be covered).
c. Keep work areas clean and free of fuel paths that could allow a fire to spread.
d. Keep combustibles away from accidental ignition sources, such as hot plates, soldering irons, or other heat- or spark-producing devices.
e. Store paper stock in metal cabinets.
f. Store rags in metal bins with self-closing lids.
g. Do not order excessive amounts of combustibles.
h. Make frequent inspections to anticipate fires before they start.

Water, multi-purpose dry chemical (ABC), and halon 1211 are approved fire extinguishing agents for Class A combustibles.

2. Class B combustibles.

These include flammable and combustible liquids (oils, greases, tars, oil-based paints, and lacquers), flammable gases, and flammable aerosols.

To handle Class B combustibles safely:

a. Use only approved pumps, taking suction from the top, to dispense liquids from tanks, drums, barrels, or similar containers (or use approved self-closing valves or faucets).
b. Do not dispense Class B flammable liquids into containers unless the nozzle and container are electrically interconnected by contact or by a bonding wire. Either the tank or container must be grounded.
c. Store, handle, and use Class B combustibles only in approved locations where vapors are prevented from reaching ignition sources such as heating or electric equipment, open flames, or mechanical or electric sparks.
d. Do not use a flammable liquid as a cleaning agent inside a building (the only exception is in a closed machine approved for cleaning with flammable liquids).
e. Do not use, handle, or store Class B combustibles near exits, stairs, or any other areas normally used as exits.
f. Do not weld, cut, grind, or use unsafe electrical appliances or equipment near Class B combustibles.
g. Do not generate heat, allow an open flame, or smoke near Class B combustibles.
h. Know the location of and how to use the nearest portable fire extinguisher rated for Class B fire.

Water should not be used to extinguish Class B fires caused by flammable liquids. Water can cause the burning liquid to spread, making the fire worse. To extinguish a fire caused by flammable liquids, exclude the air around the burning liquid. The following fire-extinguishing agents are approved for Class B combustibles: carbon dioxide, multi-purpose dry chemical (ABC), halon 1301, and halon 1211. (**NOTE:** Halon has been determined to be an ozone-depleting substance and is no longer being manufactured. Existing systems using halon can be kept in place.)

F. Smoking

Smoking is prohibited at the facility.

–

- Be aware of chemicals of concern that can directly injure the skin or that can be absorbed into the bloodstream and subsequently transported to other organs.
- Know that skin absorption is enhanced by abrasions, cuts, heat, and moisture.
- Do not wear contact lenses in contaminated atmospheres (since they may trap chemicals against the eye surface). The eye is particularly vulnerable because airborne chemicals can dissolve in its moist surface and be carried to the rest of the body through the bloodstream (capillaries are very close to the surface of the eye).
- Keep hands away from face.
- Minimize contact with liquid and solid chemicals.

Wear protective clothing (e.g., suits and gloves) as required by the Health and Safety Plan

– .

* Adhere to the 0.05 mg/m^3 action level for dust

* Be aware that the lungs are extremely vulnerable to chemical agents. Even substances that do not directly affect the lungs may pass through lung tissue into the bloodstream, where they are transported to other vulnerable areas of the body.

* Know the odor and odor threshold of the chemicals of concern. Some toxic chemicals present in the atmosphere may not be detected by human senses (i.e., they may be odorless and colorless, and their toxic effects may not produce any immediate symptoms).

* Use engineering controls to reduce vapor concentrations (e.g., ventilation) or dusty atmospheres (e.g., dust suppression techniques).

* Wear respiratory protection as indicated by air monitoring results and/or as required by the Health and Safety Plan.

* Conduct work zone air monitoring as required by the Health and Safety Plan.

Appendix E

Personal Protective Equipment Per Task

Applies to Task: ☒ **1.Excavation, soil sampling, well installation, GW sampling and capping**

☒ *Modified Level D**		☐ *Level C**		☐ *Level B**	
Equipment	***Material/ Type***	***Equipment***	***Material/Type***	***Equipment***	***Material/Type***
☒ Protective clothing	Long sleeve shirt and long pants, Tyvek coveralls	☐ Full-face air-purifying respirator	Cartridge Type:	☐ SCBA (pressure demand)	
☒ Outer gloves	Nitrile	☐ Half-mask air-purifying respirator	Cartridge Type:	☐ Air-line System (pressure demand)	
☐ Outer boots		☐ Protective clothing		☐ Protective clothing	
☒ Hard hat		☐ Outer gloves		☐ Outer gloves	
☒ Safety glasses May include full-face shield		☐ Inner gloves		☐ Inner gloves	
☒ Hard-toed boots		☐ Outer boots		☐ Outer boots	
☒ Hearing protection		☐ Hard hat**		☐ Hard hat**	
☐ Other:		☐ Safety glasses**		☐ Hard-toed boots**	
		☐ Hard-toed boots**		☐ Hearing protection**	
		☐ Hearing protection**		☐ Escape respirator**	
		☐ Other:		☐ Safety “tag” rope**	
				☐ Other:	

* If checked, indicates initial level of PPE. Other completed columns indicate information to upgrade/downgrade.

** Optional as applicable

Appendix F

Contractor and Outside Company HASP Consent Agreement

I have reviewed the health and safety plan prepared by EarthCon Inc., dated _____, for the _____ site fieldwork. I understand the purpose of the plan, and I consent to adhere to its policies, procedures, and guidelines.

Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
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Appendix G

OSHA Onsite Training Documentation Form

After completion of the OSHA 40-hour training class, 29 CFR 1910.120 states that 3 days of onsite experience under the direct supervision of a trained, experienced supervisor are required to complete the OSHA HAZWOPER training requirements. This form is to be used to document this requirement, and shall be completed by a qualified supervisor (i.e., someone who has completed the 8-hour supervisory training class). Upon completion of this form, please submit it to the EarthCon project manager.

EMPLOYEE INFORMATION

Name: _____

Signature: _____

40-Hour Training Completion Date: _____

Dates of Onsite Training: _____

Name of Site: _____

Type of Site: _____

SUPERVISOR CERTIFICATION

Supervisor: _____

Signature: _____

Appendix H –

Health & Safety Inspection Checklist

Project: _____ Date: _____

Inspected by: _____

Category	***Observations/Corrective Actions (N/A, if Not Applicable)***
Pre-field activity briefing records are current	
Tailgate meeting records are current	
Training/medical surveillance/respiratory protection records are current	
Site map is posted	
Buddy system is implemented	
Work zones are identified	
Site access is controlled	
Visitors are escorted	
On-site/off-site communications are in working order	
Safe work practices are implemented	
Any additional hazards incurred?	
Air monitoring equipment is in working condition	
Air monitoring records are being recorded in field logbook	
Air monitoring calibration records are recorded in field logbook	
PPE storage area is neat and organized	
Standard operating procedures are implemented	
Housekeeping at decontamination zone is appropriate	
Decontamination procedures are implemented	
Emergency response equipment is in working condition	
Route to hospital is posted	
Confined space entry program is implemented	
Spill containment equipment is available	
Chemical inventory is up to date	
Safety data sheets are available	
Primary and secondary containers are properly labeled	
Housekeeping at the chemical storage area is appropriate	

APPENDIX B

FEDERAL (RCRA-TCLP) AND STATE (TITLE 22-STLC,TTLC) HAZARDOUS WASTE CRITERIA

Inorganic Parameters/Metals (Methods: EPA 6010B, 7000 Series)

Parameters	TCLP mg/l	STLC mg/l	TTLC[a] mg/kg
Antimony		15	500
Arsenic	5.0	5.0	500
Barium	100	100	10,000[b]
Beryllium		0.75	75
Cadmium	1.0	1.0	100
Chromium	5	5 (560)	2,500
Cobalt		80	8,000
Copper		25	2,500
Lead	5.0	5.0	1,000
Mercury	0.2	0.2	20
Molybdenum		350	3,500
Nickel		20	2,000
Selenium	1.0	1.0	100
Silver	5	5	500
Thallium		7.0	700
Vanadium		24	2,400
Zinc		250	5,000
Chromium (VI)		5	500
Fluoride Salts		180	18,000
Asbestos			1%

Volatiles (Method: EPA 8260B)

Benzene	0.5		
Carbon tetrachloride	0.5		
Chlorobenzene	100.0		
Chloroform	6.0		
1,4-Dichlorobenzene	7.5		
1,2-Dichloroethane	0.5		
1,1-Dichloroethylene	0.7		
Methyl ethyl ketone (MEK)	200.0		
Tetrachloroethylene (PCE)	0.7		
Trichloroethylene (TCE)	0.5	204	2,040
Vinyl chloride	0.2		

[a] *Values expressed as wet weight* [b] *Excluding barium sulfate.*

Chlorophenoxy Acid Herbicides (Method: EPA 8151A)

Compound	TCLP mg/l	STLC mg/l	TTLC[a] mg/kg
2,4-Dichlorophenoxyacetic acid	10.0	10	100
2,4,5-TP (Silvex)	1.0	1.0	10

Organochlorine Pesticides / PCBs (Method: EPA 8081A)

Aldrin		0.14	1.4
Chlordane	0.03	0.25	2.5
DDT/DDE/DDD		0.1	1.0
Dieldrin		0.8	8.0
Endrin	0.02	0.02	0.2
Heptachlor (& its Epoxide)	0.008	0.47	4.7
Kepone		2.1	21
Lindane	0.4	0.4	4.0
Methoxychlor	10.0	10	100
Mirex		2.1	21
Toxaphene	0.5	0.5	5.0

Semi-Volatiles (Method: EPA 8270C)

o-Cresol	200.0		
m-Cresol	200.0		
p-Cresol	200.0		
Cresols (Total)	200.0		
2,4-Dinitrotoluene	0.13		
Hexachlorobenzene	0.13		
Hexachlorobutadiene	0.5		
Hexachloroethane	3.0		
Nitrobenzene	2.0		
Pentachlorophenol	100.0	1.7	17
Pyridine	5.0		
2,4,5-Trichlorophenol	400.0		
2,4,6-Trichlorophenol	2.0		

Miscellaneous (Methods: EPA 8280*, CADHS-LUFT/7420)**

Dioxin (2,3,7,8-TCDD)*		0.001	0.01
Organic Lead Compounds**			13

See Sec 22-66261.27.(a).(7) for Additional Toxicity Compound/Criteria. Title (26) 22 Toxicity Criteria Section 22-66261.24

HAZARDOUS WASTE CHARACTERISTICS

	Matrix	Method	Criteria
Ignitability (40 CFR 261.21) (T22: 22-66261.21)	Liquid	ASTM D-93	Exhibits the characteristic of ignitability: if it is a liquid, and has a flash point <60°C (140°F). Aqueous solutions containing >24% alcohol by volume are considered ignitable and do not require flash point testing.
	Solid		Exhibits the characteristic of ignitability: if it is not a liquid and is capable, under standard temperature and pressure, of causing fire through friction, absorption of moisture or spontaneous chemical changes and, when ignited, burns so vigorously and persistently that it creates a hazard.
Corrosivity (40 CFR 261.22) (T22: 22-66261.22)	Liquid	EPA 9040 EPA 1110, NACE	Exhibits the characteristic of corrosivity if it is aqueous and has a pH ≤ 2 or ≥12.5 (Sec 260.20 and 260.21) If it corrodes steel (SAE 1020) at rate >6.35 mm or 0.250 in. per year at a test temperature of 55°C (130°F)
	Solid	EPA 9045	If it is not aqueous and, when mixed with an equivalent weight of water, produces a solution having a pH ≤ 2 or ≥12.5
Reactivity (40 CFR 261.22) (T22:22-66261.23)		SW846, Chapter 7	Exhibits the characteristic of reactivity: if the waste has any of the following properties: 1. It is normally unstable and readily undergoes violent change without detonating. 2. It reacts violently with water. 3. It forms potentially explosive mixtures with water. 4. When mixed with water, it generates toxic gases, vapors, or fumes in a quantity sufficient to present a danger to human health or environment. 5. It is a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2 and 12.5 can generate toxic gases, vapors or fumes in a quantity sufficient to present a danger to human health or the environment.
		Sec.7.3.3.	The current EPA guidance level is: Total releasable cyanide: 250 mg HCN/kg waste. The current EPA guidance level is: Total releasable sulfide: 500 mg H_2S/kg waste. 6. It is readily capable of detonation or explosive reaction if it is a subjected to a strong initiating source or if heated under confinement. 7. It is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure 8. It is a forbidden explosive, as defined in 49 CFR 173.51 or a class A or B explosive, as defined in 49 CFR 173.53 and 173.88.

TOXICITY Fish {Title 26 sec 66261.24(6)} **SMWW 18th Ed.** A waste, or material is toxic and hazardous if (6) has an acute aquatic 96-Hour LC50 less than 500mb/L.

NOTE: Criteria and limits are abbreviated for quick reference purposes only. Specific sources should always be referenced for a detailed, complete and up-to-date listing of regulatory criteria.

eurofins | Calscience

Laboratory Location:
7440 Lincoln Way
Garden Grove, CA 92841-1432

For information, please contact Sales Department at
t:(714)895-5494, f:(714)894-7501 or
us26_sales@eurofinsus.com

Revision Date: 06/18/2012

APPENDIX C

RECORDING REQUESTED BY:

Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719

WHEN RECORDED, MAIL TO:

Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630
Attention: A. Edward Morelan, Branch Chief
Site Mitigation and Restoration Program

And

U.S. Environmental Protection Agency
Region IX
Attention: PCB Coordinator (Land Chemicals and Redevelopment Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

LAND USE COVENANT AND AGREEMENT
ENVIRONMENTAL RESTRICTIONS

County of Riverside, Assessor Parcel Number(s): 107-030-022-3
Clow Valve Company
(Department Site Code 600876-48)

This Land Use Covenant and Agreement ("Covenant") is made by and between Clow Valve Company (the "Covenantor"), the current owner of property located at 1375 Magnolia Avenue, Corona in the County of Riverside, State of California (the "Property"), and the Department of Toxic Substances Control (the "Department"). Pursuant to Civil Code section 1471, the Department has determined that this Covenant is reasonably necessary to protect present or future human health or safety or the environment as a result of the presence on the land of hazardous materials as defined

in Health and Safety Code section 25260. The Covenantor and the Department hereby agree that, pursuant to Civil Code section 1471 and Health and Safety Code section 25202.5 the use of the Property be restricted as set forth in this Covenant and that the Covenant shall conform with the requirements of California Code of Regulations, title 22, section 67391.1. With respect to the Polychlorinated Biphenyls (PCBs) at the Property, the provisions of this Covenant shall be for the benefit of, and shall be enforceable by, the United States Environmental Protection Agency ("U.S. EPA"), as a third party beneficiary pursuant to general contract law, including but not limited to Civil Code section 1559.

ARTICLE I
STATEMENT OF FACTS

1.01. Property Location. The Property, located at 1375 Magnolia Avenue, Corona, County of Riverside, California, that is subject to this Covenant, totaling approximately 16 acres, is more particularly described in the attached Exhibit A, "Legal Description of the Property", and depicted in Exhibit B, "Plot Plan". The Property is located in the area generally bounded by Magnolia Avenue on the south, railroad tracks and El Camino Avenue on the west, and a storm water channel towards the north and east. The Property is also identified as County of Riverside, Assessor's Parcel Number 107-030-022-3.

(a) A limited portion of the Property is more particularly described in Exhibit C, "Legal Description of the Capped Property", and illustrated in Exhibit D, "Sketch", referred to as the "Capped Property". The "Capped Property", totaling approximately 9.964 acres of soil impacted by hazardous substances, is located on the northern portion of the Property now generally bounded by railroad and El Camino Avenue on the west, storm channel on the north and east. Its southern border runs parallel to Magnolia Avenue, approximately 195 feet north of Magnolia Avenue.

(b) A limited portion of the Property is more particularly described in Exhibit D as "Area 1" a Former Asphalt Dip Tank and as "Area2" a PCB Transformer area. Former Asphalt Dip Tank was previously located, approximately 620 feet north of Magnolia

Avenue, 510 feet east of El Camino Avenue, and 200 feet west of the storm channel western edge. The PCB Transformer area is located approximately 240 feet west of the storm channel western edge, 510 feet east of El Camino Avenue, and 600 feet north of Magnolia Avenue.

1.02. Hazardous Substances. Hazardous wastes, or constituents of hazardous waste, including Polychlorinated Biphenyl's (PCBs) (Total Aroclors up to a maximum of 2,220 milligrams per kilogram (mg/kg)), Total Petroleum Hydrocarbons (TPH) (up to a maximum of 9,300 mg/kg), arsenic (up to a maximum of 52.9 mg/kg), cadmium (up to a maximum of 43.9 mg/kg), hexavalent chromium (up to a maximum of 6.6 mg/kg), and lead (up to a maximum of 7,360 mg/kg) in soil, and volatile organic compounds, such as tetrachloroethylene (PCE) (up to a maximum of 3 microgram/liter (ug/l)), in the soil gas remain at the Property above levels acceptable for unrestricted land use.

As of February 25, 2021, PCB concentrations in the soil at the Former Asphalt Dip Tank Bottom and PCB Transformer exceed the level for unrestricted use and the USEPA's site-specific industrial risk-based threshold of 15 mg/kg. PCB concentrations present in soils of the PCB Transformer area exceed the California hazardous waste level of Total Threshold Limit Concentration (TTLC) of 50 mg/kg.

As of February 25, 2021, lead concentrations detected in the soil at the Capped Property exceeded 320 milligrams per kilogram, a level deemed safe by DTSC for the continued use of the Site for industrial use and the TTLC of 1,000 mg/kg. A Human Health Risk Assessment (HHRA) was performed to evaluate the potential health risks associated with direct exposure of workers at the Property to soil containing Chemicals of Potential Concern (COPCs). Based on the HHRA, potential health risk to a commercial or industrial worker is $1x10^{-5}$ and to a construction worker is $2x10^{-4}$. The estimated Hazard Index (HI) for a commercial/industrial worker at the Property is 1.9, primarily due to the potential exposure to PCBs and cadmium. The estimated HI for a construction worker at the Property is 458. U.S. EPA recommends an HI of 1 or below and health risk below $1x10^{-6}$. The calculated risks were primarily associated with direct exposure to impacted soil and associated soil ingestion or dermal exposure, both of which will be eliminated by installation and maintenance of the capping materials described herein.

1.03. Remediation of Property. This Property has been investigated and/or remediated under the Department's oversight. The Department approved a Corrective Measures Study, dated February 19, 2018, prepared by EarthCon Consultants CA, Inc, in accordance with Health and Safety Code, Division 20, Chapter 6.5. The remediation activities at the Property include:

a) Construction of an approximately 5,000 square foot, 6-inch thick concrete or 3-inch thick asphalt cap in two areas encompassing approximately one-half acre, identified as Areas of Concern (AOCs), AOC-1 and AOC-5 (see Exhibit B).
b) Repair and maintenance of the existing asphalt and/or concrete surface cover of the Capped Property;
c) Soil Management Plan and Operation and Maintenance Plan preapproval by the Department for all future construction work involving soil excavation at the Capped Property; and,
d) Land use restriction recorded with the Riverside County Assessor's Office to prohibit sensitive uses.

1.04. PCB Remediation overseen by U.S. EPA. In addition to the corrective action measures for the Property under the Department's oversight, U.S. EPA approved with conditions the Risk-Based Approval Application submitted by EarthCon Consultants, CA, Inc. on behalf of Clow Valve Company dated April 9, 2019 to remediate PCBs at the Property. PCBs are regulated by the U.S. EPA pursuant to the Toxic Substances Control Act (TSCA), 15 U.S.C. Section 2601 et seq., and the PCB regulations at 40 Code of Federal Regulations (CFR) Part 761. This document is available in Envirostor, an online document repository at https://www.envirostor.dtsc.ca.gov/public/deliverable_documents/1318022012/2019-04-23_EPA%20to%20Clow%20Valve_761.61%28c%29_SIGNED.pdf

1.05. Basis for Environmental Restrictions. As a result of the presence of Hazardous Wastes, PCBs, TPH, arsenic, cadmium, lead, and PCE, which are also hazardous materials as defined in Health and Safety Code section 25260, at the Property, the Department has concluded that it is reasonably necessary to restrict the

use of the Property in order to protect present or future human health or safety or the environment, and that this Covenant is required as part of the Department-approved remedy for the Property. The Department has also concluded that the Property, as remediated and when used in compliance with the Environmental Restrictions of this Covenant, does not present an unacceptable risk to present and future human health or safety or the environment.

1.06. Land Use Covenant. A land use covenant is necessary to preclude potential users' exposure to hazardous substances that remain at the Property and to complete the remedy selected in the Corrective Measures Study. U.S. EPA, with the concurrence of the Department, has concluded that the Property, remediated to the goals presented in the Corrective Measures Study, subject to the restrictions of this Covenant, and used in compliance with such restrictions, does not present an unacceptable threat to present or future human health or safety or the environment. Additional information about the Site, including the 2019 PCB risk analysis by U.S. EPA, is available at the Envirostor, an online repository listed in paragraph 1.04, above.

ARTICLE II
DEFINITIONS

2.01. Department. "Department" means the California Department of Toxic Substances Control and includes its successor agencies, if any.

2.02. Environmental Restrictions. "Environmental Restrictions" means all protective provisions, covenants, restrictions, requirements, prohibitions, and terms and conditions as set forth in this Covenant.

2.03. Improvements. "Improvements" includes, but is not limited to buildings, structures, roads, driveways, improved parking areas, wells, pipelines, or other utilities.

2.04. Lease. "Lease" means lease, rental agreement, or any other document that creates a right to use or occupy any portion of the Property.

2.05. Occupant. "Occupant" or "Occupants" means Owner and any person or entity entitled by ownership, leasehold, or other legal relationship to the right to occupy any portion of the Property.

2.06. Owner. "Owner" or “Owners” means the Covenantor, and any successor in interest including any heir and assignee, who at any time holds title to all or any portion of the Property.

2.07. U.S. EPA. “U.S. EPA” means the United States Environmental Protection Agency, and includes its successor agencies, if any.

ARTICLE III
GENERAL PROVISIONS

3.01. Runs with the Land. This Covenant sets forth Environmental Restrictions that apply to and encumber the Property and every portion thereof no matter how it is improved, held, used, occupied, leased, sold, hypothecated, encumbered, or conveyed. This Covenant: (a) runs with the land pursuant to Civil Code section 1471 and Health and Safety Code section 25202.5; (b) inures to the benefit of and passes with each and every portion of the Property; (c) is for the benefit of, and is enforceable by the Department; and (d) is imposed upon the entire Property unless expressly stated as applicable only to a specific portion thereof.

3.02. Binding upon Owners/Occupants. This Covenant: (a) binds all Owners of the Property, their heirs, successors, and assignees; and (b) the agents, employees, and lessees of the Owners and the Owners’ heirs, successors, and assignees. Pursuant to Civil Code section 1471, all successive Owners of the Property are expressly bound hereby for the benefit of the Department; this Covenant, however, is binding on all Owners and Occupants, and their respective successors and assignees, only during their respective periods of ownership or occupancy except that such Owners or Occupants shall continue to be liable for any violations of, or non-compliance with, the Environmental Restrictions of this Covenant or any acts or omissions during their ownership or occupancy.

3.03. Written Notice of the Presence of Hazardous Substances. Prior to the sale, lease, assignment, or other transfer of the Property, or any portion thereof, the Owner, lessor, or sublessor shall give the buyer, lessee, or sublessee written notice of the existence of this Covenant and its Environmental Restrictions.

3.04. Incorporation into Deeds and Leases. This Covenant shall be

incorporated by reference in each and every deed and Lease for any portion of the Property.

3.05. Conveyance of Property. The Owner and new Owner shall provide Notice to the Department and the U.S. EPA not later than 30 calendar days after any conveyance or receipt of any ownership interest in the Property (excluding Leases, and mortgages, liens, and other non-possessory encumbrances). The Notice shall include the name and mailing address of the new Owner of the Property and shall reference the site name and site code as listed on page one of this Covenant. The notice shall also include the Assessor's Parcel Number(s) noted on page one. If the new Owner's property has been assigned a different Assessor Parcel Number, each such Assessor Parcel Number that covers the Property must be provided. The Department shall not, by reason of this Covenant, have authority to approve, disapprove, or otherwise affect proposed conveyance, except as otherwise provided by law or by administrative order.

3.06. Costs of Administering the Covenant to Be Paid by Owner. The Department has already incurred and will in the future incur costs associated with this Covenant. Therefore, the Covenantor hereby covenants for the Covenantor and for all subsequent Owners that, pursuant to California Code of Regulations, title 22, section 67391.1(h), the Owner agrees to pay the Department's costs in administering, implementing and enforcing this Covenant.

ARTICLE IV
RESTRICTIONS AND REQUIREMENTS

4.01. Prohibited Uses. The Property shall not be used for any of the following purposes without prior written approval by the Department pursuant to Health and Safety Code section 25227 and prior written notice to U.S. EPA :

(a) A residence, including single or multifamily housing, mobile homes, or factory-built housing constructed or installed for use as residential human habitation.

(b) A hospital for humans.

(c) A public or private school for persons under 18 years of age.

(d) A day care center or a playground for children.

4.02. Soil Management. Soil management activities at the Capped Property are subject to the following requirements in addition to any other applicable Environmental Restrictions:

(a) No activities that will disturb the soil at or below grade or below concrete (e.g., excavation, grading, removal, trenching, filling, earth movement, mining, or drilling) shall be allowed at the Property without a Soil Management Plan pre-approved by the Department and U.S. EPA in writing.

(b) Any soil brought to the surface by grading, excavation, trenching or backfilling shall be managed in accordance with all applicable provisions of state and federal law.

4.03. Prohibited Activities. The following activities shall not be conducted at the Property:

(a) Drilling for any water, oil, or gas without prior written approval by the Department.

(b) Extraction or removal of groundwater without a Groundwater Management Plan pre-approved by the Department in writing.

(c) Activity that may alter, interfere with, or otherwise affect the integrity or effectiveness of, or the access to, monitoring, operation or maintenance of the concrete cover at the Capped Property without prior written approval of the Department and U.S. EPA.

4.04. Written Notice of Covenant. Prior to any sale, lease, or rental of any portion of the Property, the Owner shall provide a copy of this Covenant to the buyer, lessee, or renter to ensure that the buyer, lessee, or renter is on notice of the restrictions and requirements of this Covenant. Prior to recordation of any easement on any portion of the Property, the Owner shall provide a copy of this Covenant to the easement holder to ensure that the easement holder is on notice of the restrictions and requirements of this Covenant. Covenantor shall also provide a copy of this Covenant to all existing Occupants and easement holders of record within 30 days of recording this Covenant.

4.05. Access for Department. The Department shall have reasonable right of entry and access to the Property for inspection, investigation, remediation, monitoring, and other activities as deemed necessary by the Department in order to protect human health or safety or the environment. Nothing in this instrument shall limit or otherwise affect the Department's right of entry and access, or authority to take response actions, under any applicable State Law.

4.06. Access for U.S EPA. The U.S. EPA shall have reasonable right of entry and access to the Property for inspection, investigation, remediation, monitoring, and other activities as deemed necessary by the U.S. EPA in order to protect human health or safety or the environment. Nothing in this instrument shall limit or otherwise affect U.S. EPA's right of entry and access, or U.S. EPA's authority to take actions, under any applicable law.

4.07. Access for Implementing Operation and Maintenance. The entity or person responsible for implementing the operation and maintenance activities, if any, shall have reasonable right of entry and access to the Property for the purpose of implementing such operation and maintenance activities until the Department determines that no further operation and maintenance activity is required.

4.08. Inspection and Reporting Requirements. The Owner shall conduct an annual inspection of the Property verifying compliance with this Covenant; shall submit an annual inspection report to the Department for its approval by January 15th of each year; and also send a copy to U.S. EPA. Attached as Exhibit F is a sample format for an annual inspection report. The annual inspection report must include the dates, times, and names of those who conducted the inspection and reviewed the annual inspection report. It also shall describe how the observations that were the basis for the statements and conclusions in the annual inspection report were performed (e.g., drive by, fly over, walk in, etc.). If any violation is noted, the annual inspection report must detail the steps taken to correct the violation and return to compliance. If the Owner identifies any violations of this Covenant during the annual inspection or at any other

time, the Owner must within 10 calendar days of identifying the violation: (a) determine the identity of the party in violation; (b) send a letter advising the party of the violation of the Covenant; and (c) demand that the violation cease immediately. Additionally, a copy of any correspondence related to the violation of this Covenant shall be sent to the Department and U.S. EPA within 10 calendar days of its original transmission.

4.09. Five-Year Review. In addition to the annual reviews noted above, after a period of five (5) years from January 15, 2021 and every five (5) years thereafter, Owner shall submit a Five-Year Review report documenting its review of the remedy implemented and its evaluation to determine if human health and the environment are being adequately protected by the remedy as implemented. The Owner shall submit this report to DTSC, and submit a copy to U.S. EPA. The report shall describe the results of all inspections, sampling analyses, tests and other data generated or received by Owner and evaluate the adequacy of the implemented remedy in protecting human health and the environment. As a result of any review work performed, Department may require Owner to perform additional review work or modify the review work previously performed by Owner.

4.10. Changes to Use or Condition of Property. Any changes to land use, movement of PCB contaminated soils, or discovery of new contamination requires notification to, and may require additional approval from, the U.S. EPA by the Owner and/or Occupant.

4.11. Access for Five-Year Reviews. The entity, person or persons responsible for Five-Year Reviews shall have reasonable right of entry and access to the Property for the purpose of implementing these activities. Such right of entry and access shall continue until such time as the U.S. EPA and DTSC both determine that no further Five-Year Review activities are required.

ARTICLE V
ENFORCEMENT

5.01. Enforcement. Failure of the Owner or Occupant to comply with this Covenant shall be grounds for the Department to require modification or removal of any Improvements constructed or placed upon any portion of the Property in violation of this

Covenant. Violation of this Covenant, such as failure to submit (including submission of any false statement) record or report to the Department, shall be grounds for the Department to pursue administrative, civil, or criminal actions, as provided by law.

5.02. Enforcement Rights of U.S. EPA as Third-Party Beneficiary. U.S. EPA, as a third-party beneficiary, has the right to enforce the Environmental Restrictions contained herein.

ARTICLE VI
VARIANCE, REMOVAL AND TERM

6.01. Variance from Environmental Restrictions. Any person may apply to the Department for a written variance from any of the Environmental Restrictions imposed by this Covenant. Such application shall be made in accordance with Health and Safety Code section 25223. A copy of the application shall be submitted to the U.S. EPA simultaneously with the application submitted to the Department. No variance may be granted under this paragraph without prior notice and opportunity to comment by U.S. EPA.

6.02 Termination, Modification, and/or Removal of Environmental Restrictions. Any person may apply to the Department to terminate, modify, and/or remove any or all of the Environmental Restrictions imposed by this Covenant or terminate the Covenant in its entirety. Such application shall be made in accordance with Health and Safety Code section 25224 and a copy of the application shall be submitted to U.S. EPA simultaneously with the application submitted to the Department. No termination may be granted under this paragraph without prior notice to and opportunity to comment by U.S. EPA.

6.03 Term. Unless ended in accordance with paragraph 6.02, by law, or by the Department in the exercise of its discretion, this Covenant, after providing notice to and an opportunity to comment by U.S. EPA, shall continue in effect in perpetuity.

ARTICLE VII
MISCELLANEOUS

7.01. No Dedication Intended. Nothing set forth in this Covenant shall be

construed to be a gift or dedication, or offer of a gift or dedication, of the Property, or any portion thereof, to the general public or anyone else for any purpose whatsoever.

7.02. Recordation. The Covenantor shall record this Covenant, with all referenced Exhibits, in the County of Riverside within 10 calendar days of the Covenantor's receipt of a fully executed original. The Covenantor shall also provide copies showing the County Recorder's tracking information of its recording (i.e., document number or book and page number information) to the Department and U.S. EPA within ten (10) days of receiving it from the County Recorder's Office.

7.03. Notices. Whenever any person gives or serves any Notice ("Notice" as used herein includes any demand or other communication with respect to this Covenant), each such Notice shall be in writing and shall be deemed effective: (a) when delivered, if personally delivered to the person being served or to an officer of a corporate party being served; or (b) five calendar days after deposit in the mail, if mailed by United States mail, postage paid, certified, return receipt requested:

To Owner:
Mark Willett, General Manager
Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719
And

To Department:
A. Edward Morelan, Chief
Cypress Cleanup Branch
Site Mitigation and Restoration Program
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

To U.S. EPA:
U.S. Environmental Protection Agency
Region IX
Attention**:** PCB Coordinator (Land Chemicals and Redevelopment Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

Any party may change its address or the individual to whose attention a Notice is to be

sent by giving advance written Notice in compliance with this paragraph.

7.04. Partial Invalidity. If this Covenant or any of its terms are determined by a court of competent jurisdiction to be invalid for any reason, the surviving portions of this Covenant shall remain in full force and effect as if such portion found invalid had not been included herein.

7.05. Statutory References. All statutory or regulatory references include successor provisions.

7.06. Incorporation of Exhibits. All exhibits and attachments to this Covenant are incorporated herein by reference.

IN WITNESS WHEREOF, the Covenantor and the Department hereby execute this Covenant.

Covenantor: Clow Valve Company

By: _____ Date: _____

Name and Title: Mark Willett, General Manager

Department of Toxic Substances Control:

By: _____ Date: _____

Name and Title: A. Edward Morelan, Chief
Cypress Cleanup Branch
Site Mitigation and Restoration Program

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me,

_____

(space above this line is for name and title of the officer/notary),

personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

_____ (seal)

Signature of Notary Public

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me,

_____

(space above this line is for name and title of the officer/notary),

personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

_____ (seal)

Signature of Notary Public

Exhibit A – “Legal Description” – APN 107-030-022-3

Exhibit B – “Plot Plan” - APN 107-030-022-3

Exhibit C – “Capped Property” - Legal Description

Exhibit D – ”Capped Property” - Sketch

Exhibit E – “AOC7 – Transformer Area 1”,

Exhibit F – “LUC Sample Annual inspection Report”

EXHIBIT "A"

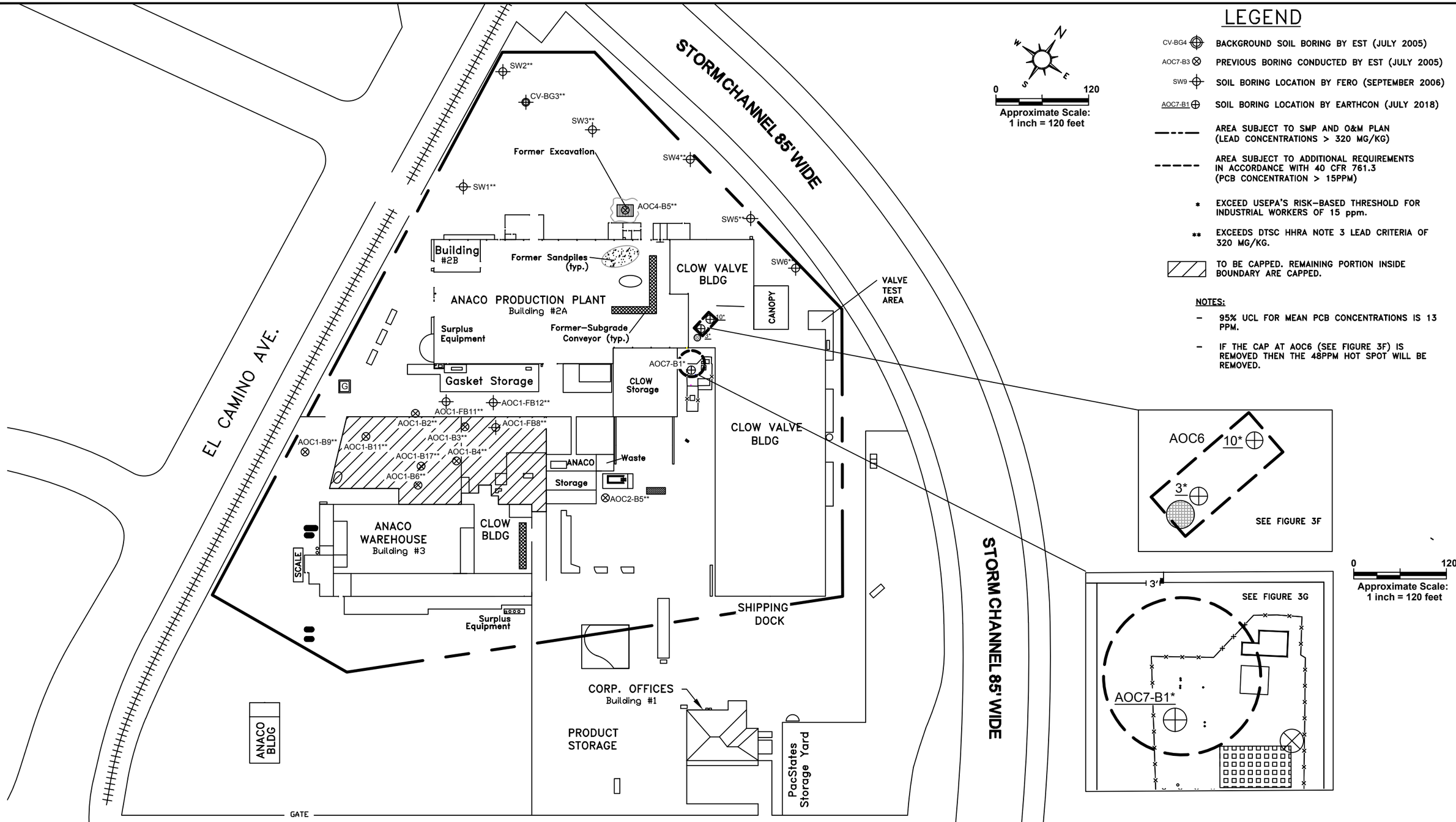
LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS; ON THE WEST BY THE EASTERLY LINE OF THE PORPHYRY SPUR OF THE ATCHISON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84-227367 AND RE-RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85-028214 BOTH OF OFFICIAL RECORDS.

APN: 107-030-022-3



LEGEND

- CV-BG4 ⊕ BACKGROUND SOIL BORING BY EST (JULY 2005)
- AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- SW9 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC7-B1 ⊕ SOIL BORING LOCATION BY EARTHCON (JULY 2018)
- AREA SUBJECT TO SMP AND O&M PLAN (LEAD CONCENTRATIONS > 320 MG/KG)
- AREA SUBJECT TO ADDITIONAL REQUIREMENTS IN ACCORDANCE WITH 40 CFR 761.3 (PCB CONCENTRATION > 15PPM)
- * EXCEED USEPA'S RISK-BASED THRESHOLD FOR INDUSTRIAL WORKERS OF 15 ppm.
- ** EXCEEDS DTSC HHRA NOTE 3 LEAD CRITERIA OF 320 MG/KG.
- TO BE CAPPED. REMAINING PORTION INSIDE BOUNDARY ARE CAPPED.

NOTES:

- 95% UCL FOR MEAN PCB CONCENTRATIONS IS 13 PPM.
- IF THE CAP AT AOC6 (SEE FIGURE 3F) IS REMOVED THEN THE 48PPM HOT SPOT WILL BE REMOVED.

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

LUC Exhibit B
SITE PLAN WITH AREAS SUBJECT TO THE LAND USE COVENANT

DRAWN:	CHECKED:	DATE:	FIGURE:
AB	JB	05/12/21	4A

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 05-12-21_F4.dwg (Subject area) 05/20/21 1314 - abasford

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EXHIBIT "C"

LEGAL DESCRIPTION

Portion of APN 107-030-022

BEING IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA. THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATION COMPANY, AS SHOWN ON MAP FILED IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COMPTON AVENUE (ALSO KNOWN AS EL CAMINO AVENUE) AND THE CENTERLINE OF TEMESCAL CREEK CHANNEL AS SHOWN ON RECORD OF SURVEY FILED IN BOOK 71, PAGES 7 THROUGH 11, INCLUSIVE, OF RECORDS OF SURVEY IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, THENCE, SOUTHEASTERLY ALONG THE CENTERLINE OF SAID TEMESCAL CREEK CHANNEL, SOUTH 79°49'49" EAST (SHOWN AS S79°48'46" EAST ON SAID RECORD OF SURVEY), 477.06 FEET; THENCE, LEAVING SAID CENTERLINE, SOUTH 10°22'04" WEST, 84.25 FEET TO THE TRUE POINT OF BEGINNING FOR THIS DESCRIPTION; THENCE, NORTH 79°37'56" WEST, 269.59 FEET; THENCE, SOUTH 56°04'15" WEST, 116.07 FEET TO A POINT ON THE EASTERLY LINE OF A.T.&S.F. RAILROAD RIGHT OF WAY AS SHOWN ON SAID RECORD OF SURVEY; THENCE, SOUTHERLY ALONG SAID EASTERLY RIGHT OF WAY LINE, SOUTH 05°28'23" EAST, 800.61 FEET; THENCE, LEAVING SAID EASTERLY RIGHT OF WAY, NORTH 83°44'45" EAST, 203.93 FEET; THENCE, NORTH 47° 08'29" EAST, 630.00 FEET; THENCE, NORTH 34°06'13" WEST, 404.00 FEET; THENCE, NORTH 79°37'56" WEST, 155.41 FEET TO THE TRUE POINT OF BEGINNING.

TOGETHER WITH TWO AREAS WITHIN THE ABOVE DESCRIBED EASEMENT, THE FIRST BEING DESCRIBED AS FOLLOWS: AREA 1, COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COMPTON AVENUE (ALSO KNOWN AS EL CAMINO AVENUE) AND THE CENTERLINE OF TEMESCAL CREEK CHANNEL AS SHOWN ON RECORD OF SURVEY FILED IN BOOK 71, PAGES 7 THROUGH 11, INCLUSIVE, OF RECORDS OF SURVEY IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, THENCE, SOUTHEASTERLY ALONG THE CENTERLINE OF SAID TEMESCAL CREEK CHANNEL, SOUTH 79°49'49" EAST (SHOWN AS S79°48'46" EAST ON SAID RECORD OF SURVEY), 477.06 FEET; THENCE, LEAVING SAID CENTERLINE, SOUTH 10°22'04" WEST, 214.25 FEET; THENCE, SOUTH 79°49'49" EAST, 75.15 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 1; THENCE, SOUTH 79°49'49" EAST, 30.00 FEET; THENCE, SOUTH 10°10'11" WEST, 30.00 FEET; THENCE, NORTH 79°49'49" WEST, 30.00 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "A"; THENCE, NORTH 10°10'11" EAST, 30.00 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 1.

EXHIBIT "C"
LEGAL DESCRIPTION
(Continued)

AREA 2, COMMENCING AT THE POINT HEREINBEFORE REFERRED TO AS POINT "A", THENCE, SOUTH 10°10'11" WEST, 13.15 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 2; THENCE, SOUTH 10°10'11" WEST, 60.00 FEET; THENCE, SOUTH 79°49'49" EAST, 60.00 FEET; THENCE, NORTH 10°10'11" EAST, 60.00 FEET; THENCE, NORTH 79°49'49" WEST, 60.00 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 2.

THE ABOVE DESCRIBED GROSS AREA EASEMENT CONTAINS 422,249 SQ.FT., 9.694 ACRES MORE OR LESS.

THE ABOVE DESCRIBED AREA 1 CONTAINS 900 SQ.FT., 0.021 ACRES MORE OR LESS.

THE ABOVE DESCRIBED AREA 2 CONTAINS 3,600 SQ.FT., 0.083 ACRES MORE OR LESS.

As shown on Exhibit "B" attached hereto and by this reference made a part hereof.

Prepared by:



Douglas Boynton, PLS4787
(562) 426-6464
March 17, 2020

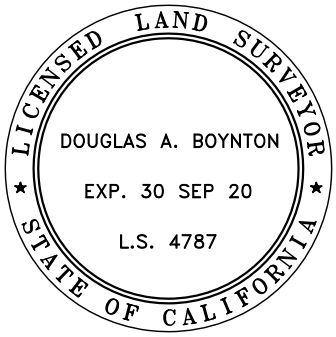
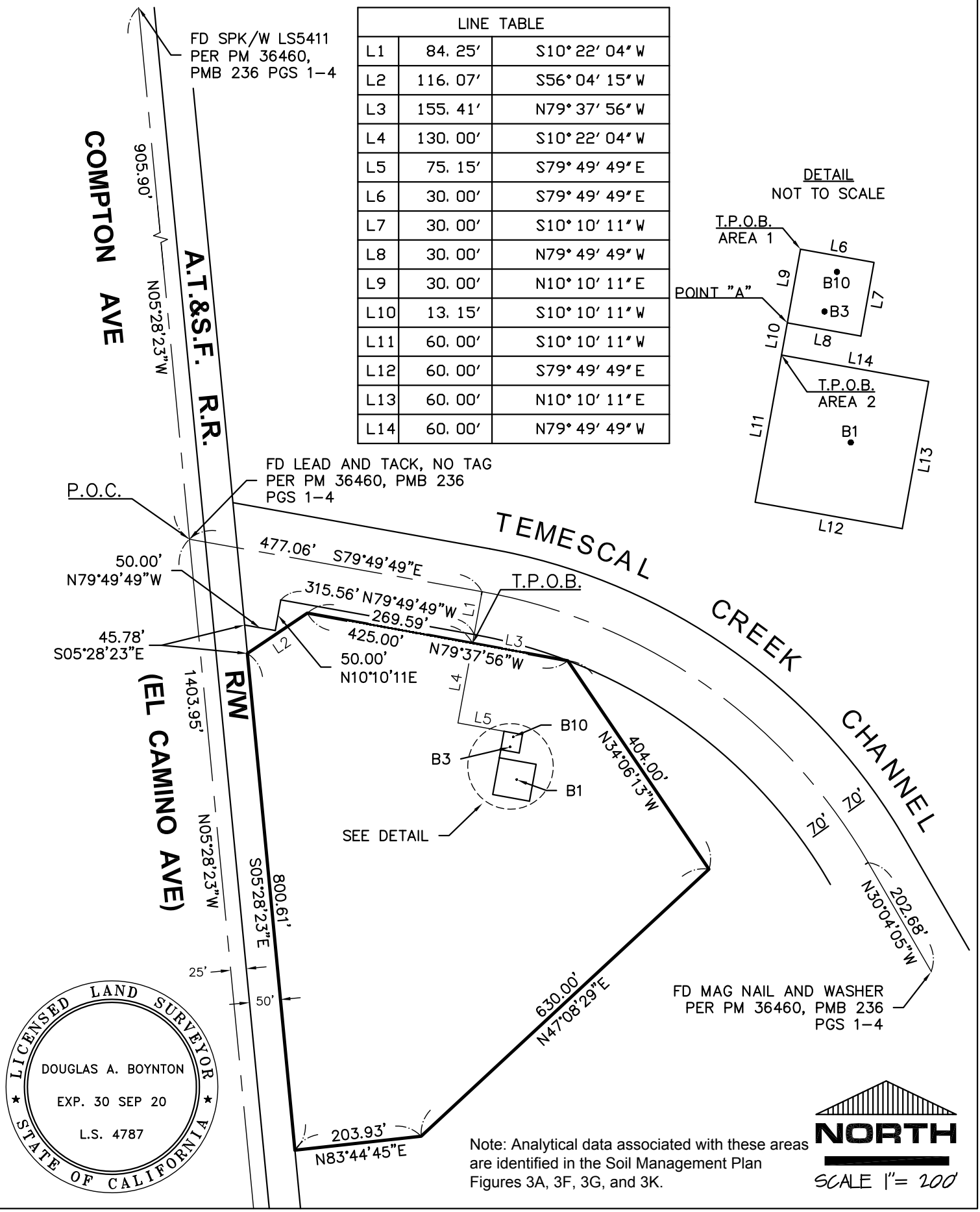


EXHIBIT "D"

Sketch to accompany Legal Description



LINE TABLE		
L1	84. 25'	S10° 22' 04" W
L2	116. 07'	S56° 04' 15" W
L3	155. 41'	N79° 37' 56" W
L4	130. 00'	S10° 22' 04" W
L5	75. 15'	S79° 49' 49" E
L6	30. 00'	S79° 49' 49" E
L7	30. 00'	S10° 10' 11" W
L8	30. 00'	N79° 49' 49" W
L9	30. 00'	N10° 10' 11" E
L10	13. 15'	S10° 10' 11" W
L11	60. 00'	S10° 10' 11" W
L12	60. 00'	S79° 49' 49" E
L13	60. 00'	N10° 10' 11" E
L14	60. 00'	N79° 49' 49" W

LICENSED LAND SURVEYOR
DOUGLAS A. BOYNTON
EXP. 30 SEP 20
L.S. 4787
STATE OF CALIFORNIA

Note: Analytical data associated with these areas are identified in the Soil Management Plan Figures 3A, 3F, 3G, and 3K.

NORTH

SCALE 1"= 200'

EXHIBIT F

LAND USE COVENANT
SAMPLE ANNUAL INSPECTION REPORT (2 Pages)

Site name:

Site address:

Current Site owner:

Date and times of inspection:

Name(s) of individual(s) who performed inspection:

How inspection observations were made (e.g. drive-by, fly-over, walking the Property):

1. Since the last annual inspection, has there been a change in the land use, such that there are now residences, a hospital for humans, a public or private school for persons under 21 years of age, or a day care center for children on the restricted Property?
   ☐ Yes ☐ No ☐ Not an applicable restriction

2. Since the last annual inspection, has the soil been disturbed on the restricted Property? Was evidence of soil disturbance observed on the restricted Property during the inspection?
   ☐ Yes ☐ No ☐ Not an applicable restriction

3. Since the last annual inspection, has there been any drilling on the restricted Property? Was evidence of drilling observed on the restricted Property during the inspection?
   ☐ Yes ☐ No ☐ Not an applicable restriction

Cap Condition

4. Since the last annual inspection, has there been any damage to, disturbance of, or modifications to the existing building foundation and/or surrounding pavement that serves as the cap over contaminated soil?
   ☐ Yes ☐ No

5. Has there been any damage to, disturbance of, or modifications to the asphalt/concrete Cap covering the restricted Property?
   ☐ Yes ☐ No

Land Use Covenant Compliance

6. Has there been a change in the land use of the property from commercial/industrial?
   ☐ Yes ☐ No

If the response to any of the above questions is yes, describe the circumstances.

Photos should be attached to this report that show the use of the Restricted Property at the time of the inspection and the condition of any Caps on the restricted Property. Photos showing any cracks in or damage to the Cap should also be included.

I certify under penalty of law that this document and all attachments were prepared by me or under my direction or supervision. With the exception of any areas of non-compliance noted above, all uses and activities on the restricted Property were found to be in compliance with the restrictions and requirements of the Land Use Covenant. Based on my personal knowledge or inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

_____ _____

Signature of Property Owner or Representative Date

_____ _____

Print Name Title

APPENDIX D

CITY OF CORONA
PRECISE GRADING PLAN
1375 MAGNOLIA AVENUE

GRADING GENERAL NOTES

1. A GRADING PERMIT FROM THE PUBLIC WORKS DEPARTMENT IS REQUIRED. ALL GRADING SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF CORONA GRADING REGULATIONS– CORONA MUNICIPAL CODE 15.36. THESE PLANS, SPECIAL INSTRUCTIONS ON THE PERMIT, AND THE GEOTECHNICAL INVESTIGATION AND LIQUEFACTION EVALUATION DATED SEPTEMBER 10, 2019 BY GEOTECHNICAL PROFESSIONALS INC., AND ALL SUBSEQUENT ADDENDA.
2. SOURCE OF TOPOGRAPHY IS BASED ON FIELD SURVEY DATED SEPTEMBER 23, 2018.
3. A PRE–GRADING MEETING AT THE SITE IS REQUIRED BETWEEN THE CITY INSPECTOR, THE CIVIL ENGINEER, THE GEOTECHNICAL ENGINEER AND THE GRADING CONTRACTOR. CALL THE PUBLIC WORKS DEPARTMENT INSPECTION DIVISION AT (951) 279–3511 TO SCHEDULE A PRE–GRADING MEETING AT LEAST 48 HOURS PRIOR TO START OF ANY WORK.
4. HOURS OF OPERATION ARE 7:00 A.M. TO 5:00 P.M. – MONDAY THROUGH FRIDAY EXCLUDING HOLIDAYS.
5. SEPARATE PERMITS SHALL BE REQUIRED FOR ANY IMPROVEMENT WORK IN THE PUBLIC RIGHT–OF–WAY.
6. CONSTRUCTION MATERIAL AND EQUIPMENT SHALL NOT OCCUPY ANY PORTION OF THE PUBLIC RIGHT–OF–WAY, SUCH AS STREET, ALLEY OR PUBLIC SIDEWALK AT ANY TIME. TEMPORARY USE OF PUBLIC RIGHT–OF–WAY, WHENEVER REQUESTED, MUST BE REVIEWED AND APPROVED BY THE PUBLIC WORKS DIRECTOR.
7. REPAIR OR REPLACE ALL EXISTING DAMAGED OR ALTERED PUBLIC IMPROVEMENTS AS REQUIRED BY THE PUBLIC WORKS DIRECTOR.
8. ALL SURVEY MONUMENTS SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A QUALIFIED CIVIL ENGINEER OR A LICENSED LAND SURVEYOR.
9. PRIOR TO TAKING WATER FROM A CITY FIRE HYDRANT, THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE PUBLIC WORKS DEPARTMENT TO OBTAIN A FIRE HYDRANT WATER METER. METER LOCATION MAY NOT BE ALTERED WITHOUT DEPARTMENT OF WATER AND POWER APPROVAL.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES OR STRUCTURES ABOVE OR BELOW GROUND, SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGE TO ANY UTILITIES OR STRUCTURES CAUSED BY HIS OPERATION.
11. STRICT ADHERENCE TO DUST CONTROL REQUIREMENTS SHALL BE ENFORCED. ADJACENT STREETS ARE TO BE CLEANED DAILY OF ALL DIRT AND DEBRIS RESULTING FROM THIS OPERATION.
12. SEPARATE PERMITS FROM THE BUILDING DIVISION SHALL BE REQUIRED FOR ALL WALLS.
13. AN APPROVED PRECISE GRADING PLAN WILL BE REQUIRED PRIOR TO A BUILDING PERMIT BEING ISSUED.
14. THE DESIGN CIVIL ENGINEER/GEOTECHNICAL ENGINEER/ENGINEERING GEOLOGIST OF RECORD SHALL EXERCISE SUFFICIENT CONTROL DURING GRADING AND CONSTRUCTION TO ENSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE REQUIREMENTS WITHIN THEIR PURVIEW. THE ENGINEERS SHALL SUBMIT "ACKNOWLEDGMENT CONCERNING EMPLOYMENT" FORM TO THE CITY PRIOR TO THE ISSUANCE OF A GRADING PERMIT.
15. REVISIONS TO THE PLANS ARE TO BE SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR REVIEW AND APPROVAL PRIOR TO CHANGING ORIGINAL MYLARS.
16. THE CIVIL ENGINEER SHALL SUBMIT WRITTEN CERTIFICATION OF COMPLETION OF ROUGH GRADING IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND CERTIFICATION OF BUILDING PAD ELEVATION PRIOR TO ISSUANCE OF THE BUILDING PERMIT. PAD ELEVATION GRADING TOLERANCE SHALL NOT EXCEED ±0.10'.
17. AN "AS–BUILT" GRADING PLAN SHALL BE SUBMITTED AT THE COMPLETION OF WORK SHOWING ALL WATER QUALITY MANAGEMENT PLAN FACILITIES.
18. GRADING SHALL BE PERFORMED UNDER THE SUPERVISION OF THE GEOTECHNICAL ENGINEER WHO SHALL CERTIFY THAT ALL FILL HAS BEEN PROPERLY PLACED AND SUBMIT A FINAL COMPACTION REPORT FOR ALL FILLS OVER 1' DEEP.
19. THE GEOTECHNICAL ENGINEER SHALL, AFTER CLEARING AND PRIOR TO THE PLACEMENT OF FILL IN CANYONS, INSPECT EACH CANYON FOR AREAS OF ADVERSE STABILITY AND TO DETERMINE THE PRESENCE OR ABSENCE OF SUBSURFACE WATER OR SPRING FLOW. IF NEEDED, DRAINS WILL BE DESIGNED AND CONSTRUCTED PRIOR TO THE PLACEMENT OF FILL IN EACH RESPECTIVE CANYON.
20. FILL AREAS SHALL BE CLEANED OF ALL VEGETATION AND DEBRIS, SCARIFIED TO A MINIMUM DEPTH OF 12 INCHES AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACING OF FILL.
21. ALL DELETERIOUS MATERIALS, I.E., LUMBER, LOGS, BRUSH, OR ANY OTHER ORGANIC MATERIALS OR RUBBISH SHALL BE REMOVED FROM ALL AREAS TO RECEIVE COMPACTED FILL.
22. UNSUITABLE MATERIALS, SUCH AS TOPSOIL, WEATHERED BEDROCK, ETC., SHALL BE REMOVED AS REQUIRED BY GEOTECHNICAL ENGINEER (AND ENGINEERING GEOLOGIST, WHERE EMPLOYED) FROM ALL AREAS TO RECEIVE COMPACTED FILL OR DRAINAGE STRUCTURES.
23. FILLS SHALL BE BENCHED INTO COMPETENT MATERIAL.
24. WHEN CUT PADS ARE BROUGHT TO NEAR GRADE, THE GEOTECHNICAL ENGINEER SHALL DETERMINE IF THE BEDROCK IS EXTENSIVELY FRACTURED OR FAULTED AND WILL READILY TRANSMIT WATER. IF CONSIDERED NECESSARY BY THE GEOTECHNICAL ENGINEER, A COMPACTED FILL BLANKET WILL BE PLACED.
25. WHERE SUPPORT OR BUTTRESSING OF CUT AND NATURAL SLOPES IS DETERMINED TO BE NECESSARY BY THE GEOTECHNICAL ENGINEER, THE GEOTECHNICAL ENGINEER SHALL SUBMIT DESIGN, LOCATIONS AND CALCULATIONS TO THE PUBLIC WORKS DIRECTOR PRIOR TO CONSTRUCTION. THE GEOTECHNICAL ENGINEER WILL INSPECT AND CONTROL THE CONSTRUCTION OF THE BUTTRESSING AND CERTIFY TO THE STABILITY OF THE SLOPE AND ADJACENT STRUCTURES UPON COMPLETION.
26. ALL CUT SLOPES SHALL BE INVESTIGATED, BOTH DURING AND AFTER GRADING BY THE GEOTECHNICAL ENGINEER, TO DETERMINE IF ANY SLOPE HAS STABILITY PROBLEMS. SHOULD EXCAVATION DISCLOSE ANY GEOLOGICAL HAZARDS, THE GEOTECHNICAL ENGINEER SHALL RECOMMEND NECESSARY TREATMENT TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL. ALL APPROVALS TO BE GRANTED ON THE BASIS OF DETAILED GEOLOGICAL MAPPING AND WRITTEN RECOMMENDATION FROM THE GEOTECHNICAL ENGINEER.
27. MAXIMUM ALLOWABLE CUT AND FILL SLOPES ARE 2 TO 1 OR 30' IN HEIGHT WITHOUT APPROVAL OF THE PUBLIC WORKS DIRECTOR. IF PROPOSED CUT AND FILL SLOPES ARE STEEPER THAN 2:1 OR OVER 30' IN HEIGHT, STABILITY CALCULATIONS WITH A SAFETY FACTOR OF AT LEAST ONE AND FIVE TENTHS (1.5) SHALL BE SUBMITTED BY A GEOTECHNICAL ENGINEER FOR APPROVAL FROM THE PUBLIC WORKS DIRECTOR.
28. PROVIDE 4' WIDE BY 1' HIGH BERM OR EQUIVALENT ALONG THE TOP OF ALL FILL SLOPES OVER 5' HIGH, EXCEPT WHERE SHOWN OTHERWISE ON THE PLANS.
29. ALL SLOPES ADJACENT TO PUBLIC RIGHT–OF–WAY SHALL CONFORM TO SECTION 15.36.220 OF THE CORONA MUNICIPAL CODE.
30. ALL SLOPES 4' OR HIGHER SHALL BE PLANTED AND COMPLY WITH REQUIREMENTS OF CHAPTER 17 OF THE CORONA MUNICIPAL CODE.
31. TERRACE DRAINS, INTERCEPTOR DRAINS AND DOWN DRAINS SHALL BE CONSTRUCTED OF 4" P.C.C. (OR GUNITE) REINFORCED WITH 6"x6" –2 1.4x1.4 W.W.M. REBAR SHALL BE GRADE 60 BILLET STEEL CONFORMING TO ASTM A615.
32. ALL CONCRETE STRUCTURES THAT COME IN CONTACT WITH THE ON–SITE SOILS SHALL BE CONSTRUCTED WITH TYPE II OR V CEMENT AS DEEMED NECESSARY BY SOLUBLE SULFATE CONTENT TEST CONDUCTED BY THE GEOTECHNICAL ENGINEER. ALL CONCRETE SHALL BE CITY STANDARD 560–C–3250 (600–E 3250 FOR GUNITE) PER CITY STANDARD SPECIFICATIONS.
33. GROUND SHALL BE PRE–WETTED PRIOR TO THE PLACEMENT OF CONCRETE. MOISTURE LOSS RETARDANT SHALL BE USED WHEN REQUIRED BY THE GEOTECHNICAL ENGINEER OR PUBLIC WORKS DIRECTOR.
34. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND/OR OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL.

POST CONSTRUCTION BMP GENERAL NOTES:

1. THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMPS) FOR POST CONSTRUCTION STORM WATER TREATMENT.
2. CONSTRUCT THE STORM WATER TREATMENT FACILITIES AFTER ALL CONTRIBUTING DRAINAGE AREAS ARE STABILIZED AND TO THE SATISFACTION OF THE ENGINEER OF RECORD.
3. DO NOT USE THE DEVICES AS TEMPORARY SEDIMENT CONTROL FACILITIES DURING CONSTRUCTION.
4. THE FOLLOWING BMPS HAVE BEEN DESIGNED INTO THE PLANS. PLEASE REFER TO THE PROJECT'S APPROVED WATER QUALITY MANAGEMENT PLAN (WQMP) FOR ADDITIONAL BMP's AND OPERATION AND MAINTENANCE DETAILS:

   A. BIORETENTION FACILITY AND OR ON–SITE RETENTION

NOTE:

1. A SEWER BACKFLOW PREVENTOR IS NOT REQUIRED FOR THIS PROJECT
2. WATER PRESSURE REDUCING VALVES ARE REQUIRED FOR THIS PROJECT

NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES, SHOWN OR NOT SHOWN ON THESE PLANS

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION ON THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS OR PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY, THE OWNER, AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA) PH. 811, TWO (2) WORKING DAYS PRIOR TO DIGGING. NO CONSTRUCTION PERMIT ISSUED BY THE PUBLIC WORKS DEPARTMENT SHALL BE VALID INVOLVING UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS AN INQUIRY IDENTIFICATION NUMBER ISSUED BY U.S.A.

CARE SHOULD BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITES, THE PUBLIC WORKS DIRECTOR MAY REQUIRE TEMPORARY GUNITE SWALES, ENTERING OR LEAVING IMPROVEMENTS.

DECLARATION OF ENGINEER OF RECORD

I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS SHOWN ON THESE PLANS COMPLIES WITH ALL PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER OF RECORD FOR THE PLANS, I ASSUME FULL RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS. WITH RESPECT TO THE PLAN CHECK PERFORMED BY THE CITY OF CORONA, I UNDERSTAND AND ACKNOWLEDGE THE FOLLOWING: (1) THE PLAN CHECK IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THE PLANS COMPLY WITH THE CITY'S STANDARDS, PROCEDURES, POLICIES, AND ORDINANCES, (2) THE PLAN CHECK IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS, AND (3) THE PLAN CHECK DOES NOT RELIEVE ME OF MY LEGAL AND PROFESSIONAL RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS. AS THE ENGINEER OF RECORD, I AGREE TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE CITY, ITS ELECTED OFFICIALS, EMPLOYEES, AND AGENTS FROM ANY AND ALL ACTUAL OR ALLEGED CLAIMS, DEMANDS, CAUSES OF ACTION, LIABILITY, LOSS, DAMAGE, OR INJURY TO PROPERTY OR PERSONS, INCLUDING WRONGFUL DEATH, WHETHER IMPOSED BY A COURT OF LAW OR BY ADMINISTRATIVE ACTION OF ANY FEDERAL, STATE, OR LOCAL GOVERNMENTAL AGENCY, ARISING OUT OF OR INCIDENT TO ANY NEGLIGENT ACTS, OMISSIONS, OR ERRORS BY THE ENGINEER OF RECORD, ITS EMPLOYEES, CONSULTANTS, OR AGENTS.

WILLIAM D. BROOKS, RCE 53114 — EXPIRES 6/30/21 — 3/8/2021 DATE

ENGINEER OF RECORD

GEOTECHNICAL ENGINEER'S STATEMENT

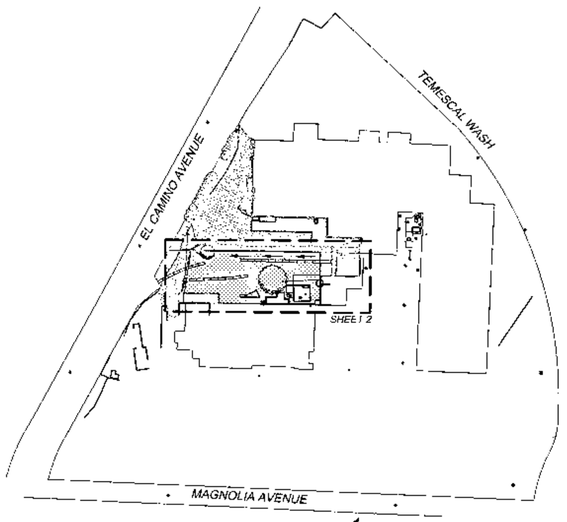
THIS PLAN HAS BEEN REVIEWED BY GEOTECHNICAL PROFESSIONALS INC. AND APPEARS TO BE IN GENERAL CONFORMANCE WITH RECOMMENDATIONS IN OUR REPORT DATED SEPTEMBER 10, 2019–PROJECT NO. 2945.1. THIS PLAN HAS BEEN REVIEWED FOR GEOTECHNICAL ASPECTS ONLY. WE MAKE NO REPRESENTATION REGARDING ACCURACY OF DIMENSIONS, QUANTITIES, MEASUREMENTS, CALCULATIONS, OR ANY PORTION OF THE DESIGN. GEOTECHNICAL CONDITIONS AND RECOMMENDATIONS SHOULD BE CONFIRMED BY THE GEOTECHNICAL CONSULTANT IN THE FIELD AT TIME OF CONSTRUCTION.

9-30-22

PAUL SCHADE — GE#2371 — EXP.
GEOTECHNICAL ENGINEER

ENGINEERING GEOLOGIST — CEG# — EXP.

REGISTERED PROFESSIONAL ENGINEER PAUL R. SCHADE No. 2371 GEOTECHNICAL STATE OF CALIFORNIA 3-9-21



INDEX MAP

150 0 150 300 450

SCALE 1" = 150'

DEMOLITION NOTES

		QTY	UNIT
(1)	REMOVE EXIST. RAIL SPUR	355	L.F.
(2)	REMOVE EXIST. CONCRETE PAD (6"± THICKNESS)	665	S.F.
(3)	REMOVE EXIST. AC PAVEMENTS (3"±)	1,075	S.F.
(4)	PROTECT IN PLACE EXIST. APPURTENANCE (AS LISTED)	–	–
(5)	REMOVE EXIST. TREE (DIA. PER PLAN)	4	EA.

CONSTRUCTION NOTES

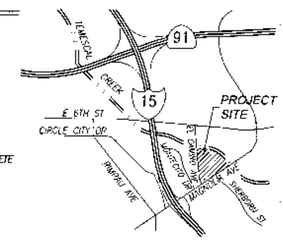
		QTY	UNIT
(10)	CONSTRUCT 3.5" AC PAVEMENT OVER 12" COMPACTED (90% RC) NATIVE MATERIAL	28,410	S.F.
(11)	PROTECT IN PLACE	–	–
(12)	INSTALL 6" AC BERM PER C.O.C. STD. DWG 140	375	L.F.

LEGEND

- EXIST. PCC PAVING
- EXIST. AC PAVING
- EXIST. LANDSCAPING
- PROP. PCC PAVING
- EXIST. BUILDING
- (XX.XX) / FS — EXIST. SPOT ELEVATION
- XX.XX / FS — PROP. SPOT ELEVATION
- x — EXIST. FENCE
- EXIST. TREES
- WALL/RET. WALL
- 1200 — PROP. CONTOUR
- X.XX% — PROP. RATE OF GRADE
- FLOWLINE

ABBREVIATIONS

AC	ASPHALT CONCRETE
C.O.C.	CITY OF CORONA
CONC	CONCRETE
DIA.	DIAMETER
EXIST.	EXISTING
FG	FINISH GRADE
FL OR ℄	FLOWLINE
FS	FINISH SURFACE
L.F.	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
NO.	NUMBER
PCC	PORTLAND CEMENT CONCRETE
P.I.P.	PROJECT–IN–PLACE
PROP.	PROPOSED
STD.	STANDARD
TYP.	TYPICAL
TW	TOP OF WALL



VICINITY MAP
NTS

BENCHMARK–CITY OF CORONA

VERTICAL DATUM NAVD88

COUNTY OF RIVERSIDE BM #601–34–69, A 2 1/2" BRASS DISK STAMPED "RIV. CO. B.M. 601–34–69 RESET 1975" SET IN TOP OF CONCRETE POST FLUSH WITH GROUND, LOCATED WWI W ALONG THE A.T.&S.F. RAILROAD LINE FROM WAY, RIV. CO., +/–48'S OF RAILROAD, +/–32' SE OF TELEGRAPH POLE #1 SSOM, +/–14' W OF THE CL PROLONGATION OF TEMESCAL ST +/–3' E OF 6' CHAIN LINK FENCE AND +/–' N OF TELEGRAPH GUY POLE WITH METER BOX

1988 ELEV=649.988 FEET NAVD88

HORIZONTAL DATUM NAD83, ZONE 6

NGS PID STATIONS AJ1887 AND AJ1896 EPOCH DATE 2000.35

ZONING DISTRICT

MIXED USE INDUSTRIAL/COMMERCIAL

LAND USE

EXISTING USE: BUSINESS PARK
PROPOSED USE: BUSINESS PARK

SERVICE PROVIDERS:

CORONA DEPT. OF PUBLIC WORKS	(951) 736–2261
CORONA DEPT. OF WATER & POWER	(951) 736–2321
SOUTHERN CALIFORNIA GAS	(909) 335–7733
SOUTHERN CALIFORNIA EDISON	(909) 930–8591
AT&T	(714) 688–5692
NEXTG NETWORKS	(909) 593–9700
TIME WARNER CABLE	(951) 547–3830
R.F. DICKSON STREET SWEEPING	(800) 841–7994
WESTERN WASTE	(951) 737–0343
CORONA DIAL–A–RIDE (SUPERVISOR)	(951) 734–1017
U.S. POSTAL SERVICE	(951) 737–0451
CORONA–NORCO UNIFIED SCHOOL DISTRICT	(951) 736–5340
SCHOOL DISTRICT TRANSPORTATION MANAGER	(951) 736–5305
RIVERSIDE TRANSIT AGENCY	(951) 684–0850
CORONA POLICE DEPARTMENT (FOR NOTIFICATION)	(951) 736–2330
CORONA FIRE DEPARTMENT (FOR NOTIFICATION)	(951) 736–2221
CROWN CASTLE ENG WEST (FIBER OPTIC)	(951) 736–2321

OWNER

CLOW VALVE COMPANY
1375 MAGNOLIA AVE.
CORONA, CA 92879
866–889–2411

ENGINEER

ARMSTRONG & BROOKS CONSULTING ENGINEERS
MAILING ADDRESS:
P.O. BOX 78088
CORONA, CA 92877–9998
OFFICE LOCATION:
1350 EAST CHASE DRIVE
CORONA, CA 92881
PH. (951) 372–8400 FAX (951) 372–8430
CONTACT: WILLIAM D. BROOKS

GEOTECHNICAL ENGINEER

GEOTECHNICAL PROFESSIONALS, INC.
5738 CORPORATE AVE.
CYPRESS, CA 90630
PH. (714) 220–2211
CONTACT: PAUL SCHADE, G.E.

ASSESSOR'S PARCEL NO.

107–030–022

LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS, ON THE WEST BY THE EASTERLY LINE OF THE PROPERTY SPUR OF THE ATCHINSON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84–227387 AND RE–RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85–028214 BOTH OF OFFICIAL RECORDS.

EARTHWORK QUANTITIES

NOTE: THE CONSTRUCTION QUANTITIES SHOWN ON THESE PLANS ARE FOR CITY FEE PURPOSES ONLY.
IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM INDIVIDUAL TAKEOFFS FOR BIDDING PURPOSES.

(PRELIMINARY QUANTITIES DO NOT INCLUDE SHRINKAGE FACTOR AND OVEREXCAVATION OVER THE SITE)

RAW CUT	582 CU. YDS.
RAW FILL	0 CU. YDS.
NET EXPORT	–582 CU. YDS.

SITE AREA

TOTAL AREA – 16.9 ACRES
DISTURBED AREA – 0.7 ACRES
TOTAL LOTS: 1
PARKING SPACES: N/A

SHEET INDEX:

TITLE SHEET 1
DEMOLITION PLAN 2
PRECISE GRADING & DRAINAGE PLAN. 3
EROSION CONTROL PLAN. 4

REGISTERED PROFESSIONAL ENGINEER WILLIAM D. BROOKS No. 53114 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

811 Know what's below. Call before you dig.

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING • ENGINEERING • SITE DEVELOPMENT
1350 EAST CHASE DRIVE • CORONA, CA 92881
MAIL: P.O. BOX 78088 CORONA, CA 92877–9998
T 951–372–8400 F 951–372–8430

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF WILLIAM D. BROOKS
Date 3/8/21 R.C.E. No. 53114

7023A, 05–138 D, 05–138P
90–113P, 97–502, 1971, C–1–116
Reference Plans for these Improvements

Date	By	REVISIONS	App'd

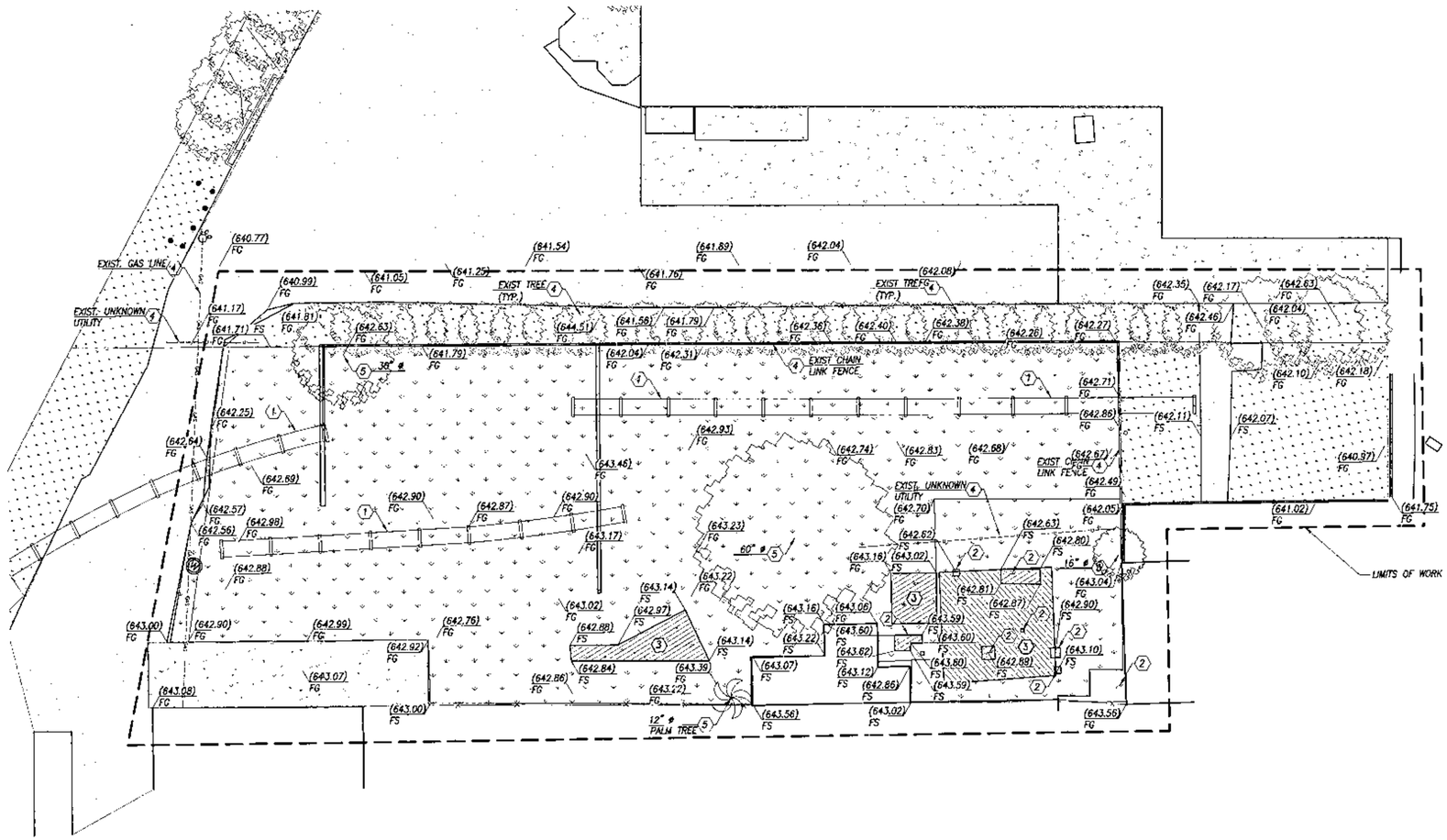
BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

Engineering JK 3/11/21
Planning LG
Fire

Approved By SAVAT KHAVP–OU City Engineer R.C.E. No 62095 Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
TITLE SHEET

PWGH2020-0025
Drawing No. 20-026P
Sh 1 of 4
24" x 36"



DEMOLITION NOTES

1	REMOVE EXIST. RAIL SPUR
2	REMOVE EXIST. CONCRETE PAD (6"± THICKNESS)
3	REMOVE EXIST. AC PAVEMENTS (3"±)
4	PROTECT IN PLACE EXIST. APPURTENANCE (AS LISTED)
5	REMOVE EXIST. TREE (DIA. PER PLAN)

EXIST. PCC	
EXIST. LANDSCAPE	
EXIST. AC	
EXIST. LANDSCAPING TO BE REMOVED	
REMOVE EXIST. AC	
REMOVE EXIST. PCC	

AC	ASPHALTIC CONCRETE
EXIST	EXISTING
FG	FINISH GRADE
FS	FINISH SURFACE
PCC	PORTLAND CEMENT CONCRETE

SCALE 1" = 20'

Know what's below. Call before you dig.

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING · ENTITLEMENTS · SITE DEVELOPMENT · WATER RESOURCES
P.O. BOX 1987 · CORONA, CA 92878-1987

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
Date 3-8-2021
WILLIAM D. BROOKS
R.C.E. No. 53114

Reference Plans for these Improvements: 7020A, 05-138 D, 05-138P; 90-138, 97-565, 1971, C 1-118

Date	By	REVISIONS	App'd

BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION

Scale AS SHOWN

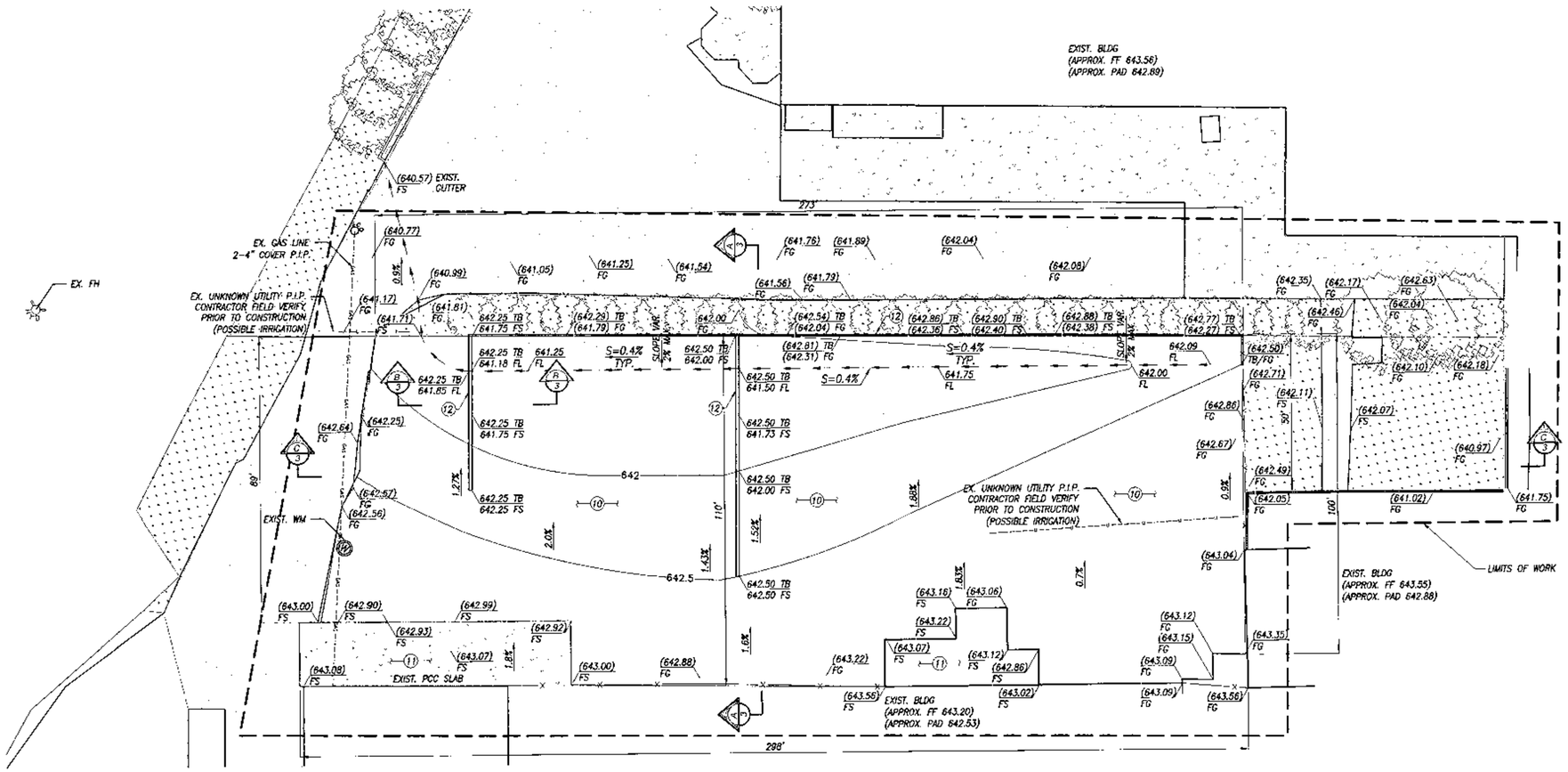
Engineering JK MH
Planning LG
Fire

Approved By
SAVAT KHAMPHOU
City Engineer
R.C.E. No. 62019
Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
DEMOLITION PLAN

PWGR2020-0025
Drawing No. 20-026P
Sh 2 of 4

24" x 36"



GRADING PLAN
1"=20'

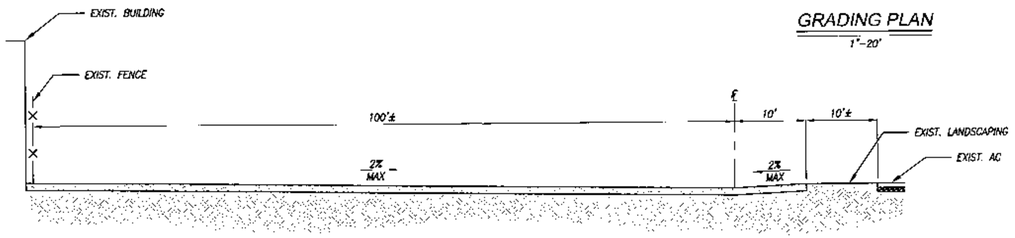
CONSTRUCTION NOTES

(10)	CONSTRUCT 3.5" AC PAVEMENT OVER 12" COMPACTED (90% RC) NATIVE MATERIAL
(11)	PROTECT IN PLACE
(12)	INSTALL 6" AC BERM PER C.O.C. STD. PLAN 140

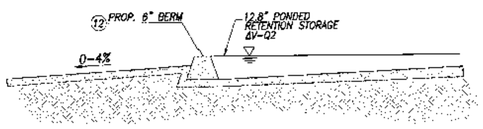
LEGEND

EXIST. PCC	
EXIST. LANDSCAPE	
EXIST. AC	
PROP. 3.5" AC PAVEMENT	

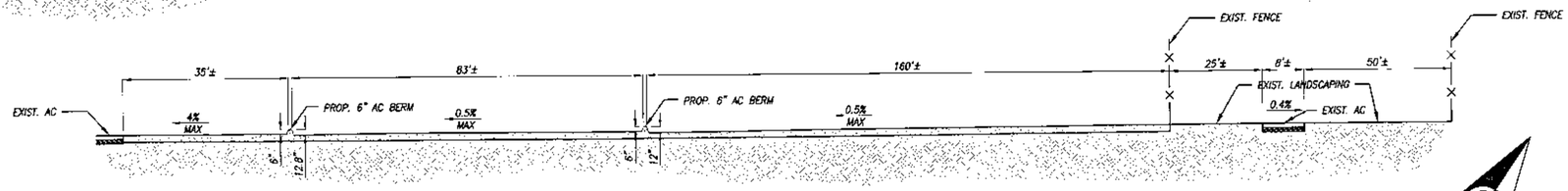
AC	ASPHALTIC CONCRETE
EXIST	EXISTING
FG	FINISH GRADE
FS	FINISH SURFACE
MAX.	MAXIMUM
PCC	PORTLAND CEMENT CONCRETE
RC	REINFORCED CONCRETE
TW	TOP OF WALL
TYP.	TYPICAL
VAR.	VARIABLE



SECTION A-A
NTS



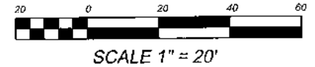
SECTION B-B
NTS



SECTION C-C
NTS







SCALE 1" = 20'

811 Know what's below. Call before you dig.

PWGR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING · SURVEYING · CIVIL · SITE DEVELOPMENT · WATER RESOURCES
26 E. 9TH STREET, SUITE 100, CLAREMONT, CA 91711
MAIN: P.O. BOX 2088, CLAREMONT, CA 91711-2088
T: 909-625-9400 F: 909-625-9496

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
WILLIAM D. BROOKS
Date 3-8-2021 R.C.E. No. 53114

7020A, 09-138, D. 05-138P
90-113P, 97-185, 1971, C-1-118

Reference Plans for these Improvements

Date	By	REVISIONS	App'd

BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION

Scale AS SHOWN

Engineering JK MH
Planning LG
Fire

Approved By
SAVAT KHAMPHOU
City Engineer
R.C.E. No 62019
Date 3/4/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
GRADING PLANS

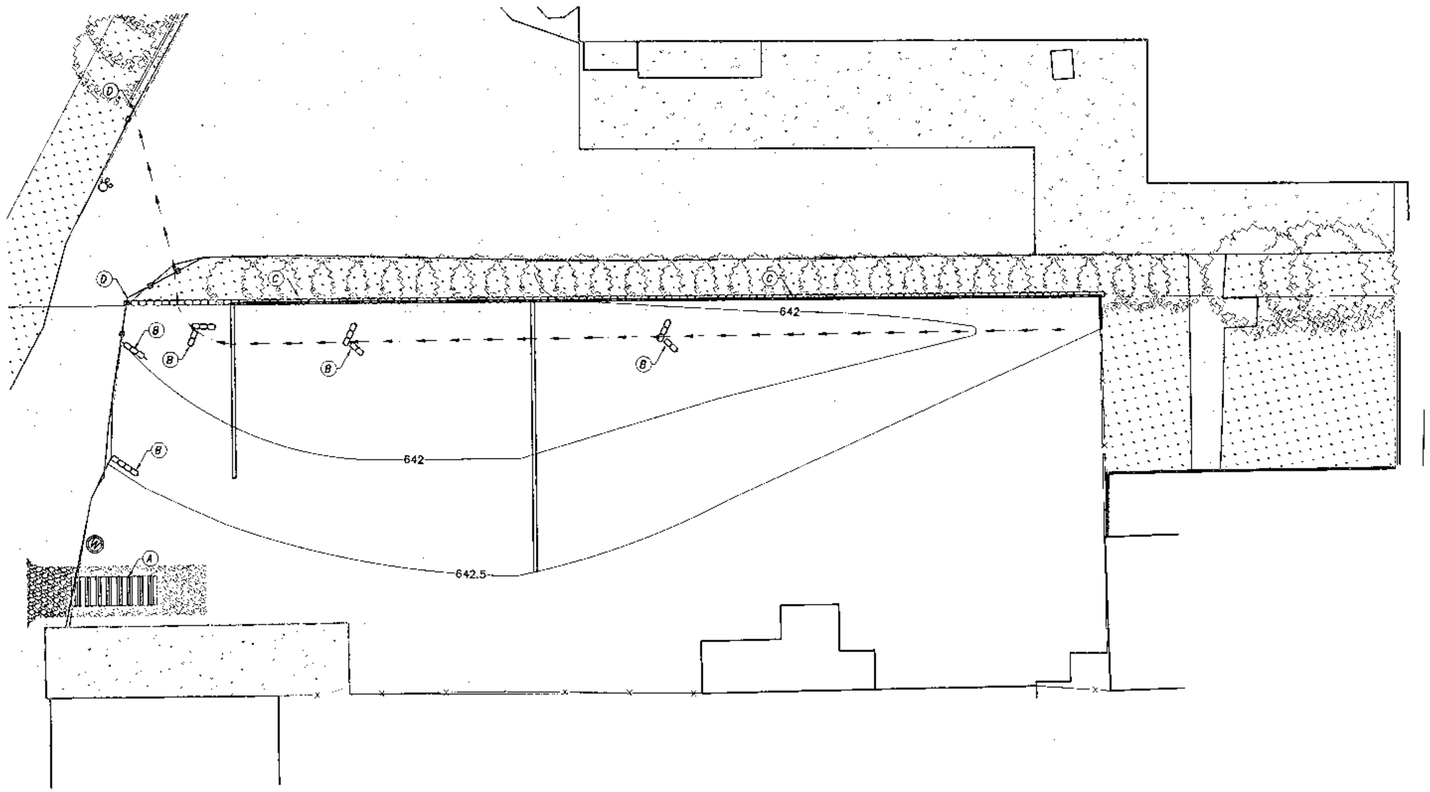
Drawing No. 20-026P
Sh 3 of 4

24" x 36"

EROSION CONTROL GENERAL NOTES:

1. EROSION CONTROL IS REQUIRED FOR GRADING OPERATIONS ON A YEAR ROUND BASIS. APPROVED PLANS ARE REQUIRED FOR ALL WORK REQUIRING A GRADING PERMIT.
2. IN CASE OF EMERGENCY CALL TIFFANY SMITH OF CLOW VALVE MANUFACTURING AT 317-364-0898.
3. THE ENGINEER OF RECORD WILL SUPERVISE EROSION CONTROL WORK AND INSURE THAT WORK IS IN ACCORDANCE WITH APPROVED PLANS.
4. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL
5. THE PUBLIC WORKS DIRECTOR RESERVES THE RIGHT TO MAKE CHANGES OR MODIFICATIONS TO THIS PLAN AS DEEMED NECESSARY.
6. STANDBY CREW FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS) OR TO REPAIR ANY DAMAGED BMP's WHEN RAIN IS IMMINENT.
7. AN EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED TO PREVENT AND/OR MINIMIZE THE TRANSPORT OF SOIL IN RUNOFF FROM DISTURBED SOIL AREAS ON THE CONSTRUCTION SITE AT ALL TIMES. IN ADDITION, BMPS SHALL BE INSPECTED PRIOR TO PREDICTED STORM EVENTS AND FOLLOWING STORM EVENTS. BMPS SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE CITY INSPECTOR.
8. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT, AS FORECASTED BY THE NATIONAL WEATHER SERVICE.
9. AFTER A RAIN EVENT EXCEEDING ONE-QUARTER INCH IN ANY 12 HOUR PERIOD, OR UPON DIRECTION OF THE PUBLIC WORKS DIRECTOR, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS, SILT FENCES, AND DESILTING BASINS; AND THE BASINS SHALL BE PUMPED DRY AND RESTORED TO ORIGINAL DESIGN CONDITION. ANY EROSION CONTROL MEASURES DAMAGED DURING A RAIN EVENT SHALL ALSO BE IMMEDIATELY REPAIRED.
10. DESILTING BASINS ARE TO BE CONSTRUCTED AS GRADING OF INDIVIDUAL GRADING AREAS ARE COMPLETE PER ROUGH GRADING PLANS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
12. AREAS SHALL BE MAINTAINED IN SUCH A STATE THAT FIRE ACCESS SHALL BE MAINTAINED AT ALL TIMES (INCLUDING ACCESS TO NEIGHBORING PROPERTIES).
13. GRADED AREAS AROUND THE SITE PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
14. TEMPORARY EROSION PROTECTION IS REQUIRED FOR MANUFACTURED SLOPES PRIOR TO PERMANENT PLANTING.
15. ALL DISTURBED SLOPES SHALL BE PLANTED AND PROTECTED WITHIN 45 DAYS OF THE COMPLETION OF EACH STAGE OF GRADING. SUITABLE MEASURES TO PREVENT SLOPE EROSION INCLUDING, BUT NOT LIMITED TO, RAPID GROWTH VEGETATION SUFFICIENT TO STABILIZE THE SOIL, SHALL BE INSTALLED ON ALL DISTURBED AREAS UNTIL SUCH TIME AS THE PERMANENT VEGETATIVE COVER SUFFICIENTLY MATURES TO PROVIDE PERMANENT STABILITY.
16. NO OBSTRUCTION OR DISTURBANCE OF NATURAL DRAINAGE COURSES OR EXISTING STORM DRAIN INLETS SHALL OCCUR DURING GRADING OPERATIONS, UNLESS ADEQUATE TEMPORARY/PERMANENT DRAINAGE FACILITIES HAVE BEEN APPROVED AND INSTALLED TO CARRY SURFACE WATER TO THE NEAREST PRACTICAL STREET, STORM DRAIN OR NATURAL WATER COURSE. ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST BE MAINTAINED IN A STATE TO ALLOW FOR CONTINUOUS FUNCTION.
17. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER THAT STORM RUNOFF WILL BE CONTAINED WITHIN THE PROJECT OR CHANNELED INTO THE STORM DRAIN SYSTEM WHICH SERVES THE RUNOFF AREA. STORM RUNOFF FROM ONE AREA SHALL NOT BE ALLOWED TO DIVERT TO ANOTHER RUNOFF AREA.
18. CONFORMANCE WITH THE REQUIREMENTS OF THESE PLANS SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TO THIS SITE AND ADJACENT PROPERTIES. DURING GRADING OPERATIONS, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO ADJACENT PROPERTIES. TEMPORARY DRAINAGE CONTROL SHALL CONSIST OF, BUT NOT BE LIMITED TO, CONSTRUCTING SUCH FACILITIES AND TAKING SUCH MEASURES AS ARE NECESSARY TO PREVENT, CONTROL AND ABATE WATER, MUD AND EROSION DAMAGE TO PUBLIC AND PRIVATE PROPERTY AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT.
19. FILL AREAS WHILE BEING BROUGHT UP TO GRADE AND DURING PERIODS OF COMPLETION PRIOR TO FINAL GRADE, SHALL BE PROTECTED BY VARIOUS MEASURES TO ELIMINATE EROSION AND THE SILTATION OF DOWNSTREAM FACILITIES AND ADJACENT AREAS. THESE MEASURES MAY INCLUDE, BUT SHALL NOT BE LIMITED TO: TEMPORARY DOWN DRAINS, EITHER IN THE FORM OF PIPES OR PAVED DITCHES TO DESILT RUNOFF; PROTECTION SUCH AS SAND BAGS AROUND INLETS WHICH HAVE NOT BEEN BROUGHT UP TO GRADE; AND EARTH BERMS AND APPROPRIATE GRADING TO DIRECT DRAINAGE AWAY FROM THE EDGE OF THE TOP OF SLOPES SHALL BE CONSTRUCTED AND MAINTAINED ON THOSE FILL AREAS WHERE EARTHWORK OPERATIONS ARE NOT IN PROGRESS.
20. CLEARING AND GRUBBING SHOULD BE LIMITED TO AREAS THAT WILL RECEIVE IMMEDIATE GRADING. EROSION CONTROL MEASURES WILL BE REQUIRED TO PROTECT AREAS WHICH HAVE BEEN CLEARED AND GRUBBED PRIOR TO GRADING OPERATION, AND WHICH ARE SUBJECT TO RUNOFF DURING A RAIN EVENT. THESE MEASURES MAY INCLUDE BUT SHALL NOT BE LIMITED TO: GRADED DITCHES; BRUSH BARRIERS AND SILT FENCES. CARE SHALL BE EXERCISED TO PRESERVE VEGETATION BEYOND LIMITS OF GRADING.
21. CONSTRUCTION SITES SHALL BE MANAGED TO MINIMIZE THE EXPOSURE TIME OF DISTURBED SOIL AREAS THROUGH PHASING AND SCHEDULING OF GRADING TO THE EXTENT FEASIBLE AND THE USE OF TEMPORARY AND PERMANENT SOIL STABILIZATION.
22. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO ELIMINATE OR REDUCE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND.
23. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT WIND OR RUNOFF DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJORNING PROPERTIES.
24. DISCHARGES OTHER THAN STORM WATER (NON-STORM WATER DISCHARGES) ARE PROHIBITED, EXCEPT AS AUTHORIZED BY AN INDIVIDUAL NPDES PERMIT, THE STATEWIDE GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY, OR OTHER APPLICABLE GENERAL NPDES PERMIT. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, SOLVENTS, DETERGENTS, GLUES, LIME, PESTICIDES, HERBICIDES, FERTILIZERS, WOOD PRESERVATIVES, AND ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; CONCRETE AND RELATED CUTTING OR CURING RESIDUES; FLOATABLE WASTES; WASTES FROM STREET CLEANING; SUPER-CHLORINATED POTABLE WATER FROM LINE FLUSHING AND TESTING, AND RUNOFF FROM EQUIPMENT AND VEHICLE WASHING. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ONSITE PHYSICALLY SEPARATED FROM POTENTIAL STORM WATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
25. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS
26. PAVED STREETS, SIDEWALKS AND OTHER IMPROVEMENTS SHALL BE MAINTAINED IN A NEAT CLEAN CONDITION, FREE OF LOSE SOIL, CONSTRUCTION DEBRIS AND TRASH. STREET SWEEPING OR OTHER EQUALLY EFFECTIVE MEANS SHALL BE USED ON A REGULAR BASIS TO CONTROL SILT THAT HAS BEEN DEPOSITED ON STREETS OR SIDEWALKS. WATERING SHALL NOT USED TO CLEAN STREETS.
27. DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING GROUNDWATER THAT HAS INFILTRATED INTO THE CONSTRUCTION SITE IS PROHIBITED. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS ALSO PROHIBITED. DISCHARGING NON-CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING ACTIVITIES MAY REQUIRE A NPDES PERMIT FROM THE SANTA ANA REGIONAL BOARD.
28. ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.

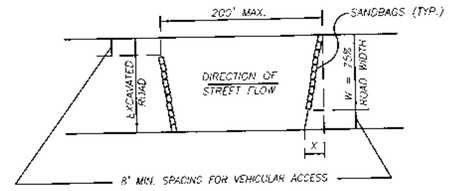
811 Know what's below. Call before you dig.



EROSION CONTROL PLAN
1"=20'

LEGEND

- EXIST. PCC
- EXIST. LANDSCAPE
- EXIST. AC
- PROP. AC
- SANBAGS
- SILT FENCE



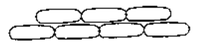
W	X
20'-30'	5
31'-40'	7
41'-50'	9
51'-60'	10.5
61'-70'	12

STREET	GRADE	LENGTH
200'	< 4%	
100'	4-8%	
50'	> 8%	

SANDBAG VELOCITY REDUCER (A)
NTS



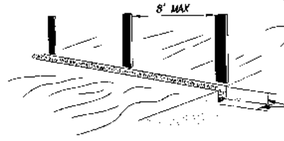
PLAN
NTS



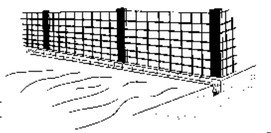
SECTION A-A
NTS

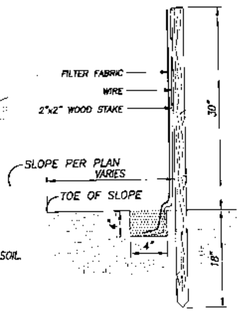
ECS 52 SANDBAGS (B)
NTS

1. SET POSTS AND EXCAVATE A 4" BY 4" TRENCH UPSLOPE FROM AND ALONG THE LINE OF POSTS (SEE SECTION D-D).



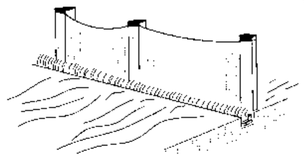
2. STAPLE WIRE FENCING TO THE POSTS.



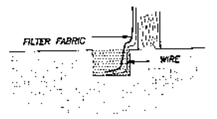


SECTION D-D
NTS

3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



SILT FENCE DETAIL (C)
NTS

EROSION CONTROL NOTES *ALL EROSION CONTROL MEASURES PER CA. STORMWATER BMP'S		QTY.	UNIT
(A)	INSTALL STABILIZED CONSTRUCTION ENTRANCE PER C.O.C. STD 225	1	EA.
(B)	INSTALL SANDBAG VELOCITY REDUCER PER DETAIL A	53	L.F.
(C)	INSTALL SINGLE ROW GRAVEL BAGS - 2 BAG HIGH PER DETAIL B	275	L.F.
(D)	INSTALL SILT FENCE PER DETAIL C	47	L.F.

NOTE: FINAL LOCATION OF EROSION CONTROL MEASURES WILL BE DETERMINED AT THE CONSTRUCTION MANAGER'S DISCRETION

REGISTERED PROFESSIONAL ENGINEER — WILLIAM D. BROOKS — No. 53114 — Exp. 6/30/21 — CIVIL — STATE OF CALIFORNIA

N

20 0 20 40 60

SCALE 1" = 20'

PWGR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS	Designed by W.D.B.	Drawn by R.R.T.	Checked by W.D.B.
PLANNING ENGINEERING CIVIL SURVEYING GEOLOGY WATER RESOURCES 1130 KANA ONASE DRIVE CORONA, CA 92881 MAIL: P.O. BOX 7385 CORONA, CA 92877-0385 P 951-272-5300 F 951-279-4280	PLANS PREPARED UNDER SUPERVISION OF WILLIAM D. BROOKS R.C.E. No. 53114 Date 3/2021	702CA, 05-138 D, 04-138P 90-1139, 97-568, 1971, C-1-138 Reference Plans for these Improvements	Date / By / REVISIONS / Appd

BENCH MARK: TBM ELEV.=803.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

Engineering JK MH
Planning LG
Fire

Approved By: SAVAT KHAMPHOU, City Engineer, R.C.E. No 62019 — Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
EROSION CONTROL PLAN

Drawing No. 20-026P
Sh 4 of 4

24" x 36"

GRADING PERMIT

City of Corona

PUBLIC WORKS DEPARTMENT
400 S Vicentia Ave
Corona, CA 92882

Permit No:
PWGP21-00005
Permit Status:
ISSUED

(951) 736-2259

Permit Type: GRADING **Permit Subtype:** PRECISE **Job Valuation:** $0.00	**Applied Date:** 03/04/2021 **Issued Date:** 04/15/2021 **Expration Date:** 10/12/2021
Project Address: 1375 MAGNOLIA AVE **Tract No:** **Lot No:**	**Project Description:** 1375 MAGNOLIA AVE - GRADING PERMIT
Contractor: B & D CONSTRUCTION CO., INC **Corona Business License No:** AEC1647 **Contractor State License No:**	**Owner:** CLOW VALVE COMPANY **Applicant:** B & D CONSTRUCTION CO., INC

Lots: 1
Disturbed Acerage: 0.7
Total Acerage: 16.9
Land Use: I-M Industrial/Manufacturing
WDID Number:
Erosion Control Plan Included? Yes

Cut: 582
Fill: 0
Plan #: 20-026P
Dig Alert #: A210980279
Cal-OSHA #:
Additional Notes: CONSTRUCT ON SITE GRADING IMPROVEMENTS PER APPROVED PLAN. ANY OFF SITE WORK WILL REQUIRE A SEPARATE ENCROACHMENT PERMIT.

Applicant/Owner hereby requests permission to perform work as described below. It is expressly agreed that such work and all Traffic Control shall be performed in accordance with applicable ordinances, Standard Plans and Special Provisions of the City of Corona, approved plans and the latest edition of the Work Area Traffic Control Handbook (WATCH Manual). Only that person listed below is duly authorized by Applicant/Owner to obtain this permit.

INDEMNIFICATION

Applicant/Owner shall defend and hold the City, it's officers, employees, and agents (Indemnities) free and harmless from any and all claims, demands, causes of injury arising out of or incident to any alleged acts, omissions or willful misconduct or Applicant/Owner, its officials, officers, employees, agents, consultants or contractors in connection with the performance of any work under this Permit, including, without limitation, the payment of all consequential damages, attorneys fees and other related costs and expenses. Applicant/Owner shall pay any judgement award or decree that may be rendered against the Indemnities for any and all legal expenses and costs incurred by any of them in connection therewith or in enforcing the indemnity herein provided. Applicant/Owner's obligation to indemnify shall not be restricted to insurance proceeds, if any, received by the Indemnities.

THIS PERMIT EXPIRES ONE YEAR FROM THE DATE OF ISSUANCE.
***CALL (951) 279-3511 48 HOURS PRIOR TO COMMENCING AND WORKDESCRIBED ON THIS PERMIT**

Permitee Signature: _____ **Date: 04/15/21**

Cash Register Receipt

City of Corona

Receipt Number
R25984

DESCRIPTION	ACCOUNT	QTY	PAID
PermitTRAK			$913.00
PWGP21-00005 Address: 1375 MAGNOLIA AVE APN: 107030022			$913.00
GRADING INSPECTION			$853.00
GRADING INSPECTION	11039000 31607	0	$853.00
PW			$60.00
ENCROACHMENT PERMIT FEE	11039000 31219	0	$60.00
TOTAL FEES PAID BY RECEIPT:R25984			$913.00

Date Paid: Thursday, April 15, 2021

Paid By: B & D CONSTRUCTION CO., INC

Cashier: KAV2

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APPENDIX

F OPERATIONS & MAINTENANCE PLAN

OPERATIONS AND MAINTENANCE PLAN

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

PREPARED FOR:

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA 92879

PREPARED BY:

EARTHCON CONSULTANTS CA, INC.
1100 TOWN & COUNTRY ROAD, SUITE 200
ORANGE, CALIFORNIA 92868

EARTHCON PROJECT NUMBER. 04.20150013.17

JUNE 18, 2021

Certification:

Operations and Maintenance Plan

Clow Valve
1375 Magnolia Avenue
Corona, California

Prepared for:

Clow Valve
1375 Magnolia Avenue
Corona, California 92879

June 18, 2021

EarthCon Consultants CA, Inc. (EarthCon) presents conclusions herein based solely upon the agreed upon scope of work outlined in this plan. EarthCon makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this plan. Additional information, which was not found or available to EarthCon at the time of writing this plan, may result in modification of the conclusions presented. This plan is not a legal opinion. The services performed by EarthCon have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

Signed:

Rebecca Sundilson
Senior Scientist

Jeff Bennett, PG 6027, CHG 400
Principal Hydrogeologist



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1.0 INTRODUCTION AND REGULATORY STATUS

On behalf of Clow Valve Company (Clow), a Division of McWane, EarthCon Consultants CA, Inc (EarthCon), has prepared this Operations and Maintenance Plan (O&M Plan) for the property located at 1375 Magnolia Avenue in Corona, California (Site; see Figures 1 and 2). The O&M Plan is required by the Corrective Measures Study (CMS) (EarthCon, 2019).

Clow will implement the field activities as identified in the Corrective Measures Implementation Workplan (CMIWP) for the Site during the Winter/Spring 2021. Proposed CMIWP activities will be conducted under the supervision of the Department of Toxic Substances Control (DTSC) and in accordance with the Corrective Action Consent Agreement between the California Department of Toxic Substances Control (DTSC) and Clow [Docket No. SPRD 00/01SCC-4208, March 2002]. The DTSC-approved corrective measures will be implemented to yield conditions suitable for continued commercial/industrial use. The entire Site is restricted for industrial use in accordance with the Land Use Covenant (LUC), executed by Clow and DTSC on (draft – TBD)

As noted in the CMS, the majority of the Site is covered by concrete or asphalt, with the exception of AOC1 and AOC5. A discussion of the capping activities associated with AOC1 and AOC5 are provided in the CMIWP. Minor localized cracking was identified in some of the remaining AOCs on-Site. Further, requirements for the Site included the implementation of institutional controls including an O&M Plan, as discussed in detail in the following sections.

1.1 O&M Plan Goals and Objectives

The O&M Plan has been designed to establish a set of procedures for LUC required inspection of the Site and inspection and maintenance of the concrete and/or asphalt cover (cap) on-Site. Additionally, this O&M Plan has been prepared in order to ensure compliance with the LUC and applicable State and Federal Hazardous Waste Control laws and regulations. The goal of the O&M Plan is to prevent contact with contaminated soil, reduce water infiltration, erosion, and dispersion of soil contaminated with constituents of concern. In addition, the O&M Plan will be utilized to protect on-Site personnel, contractors, personnel conducting O&M activities, and/or visitors. Therefore, this O&M Plan will address the following objectives:

- Provide a schedule and procedures for routine inspections and unplanned events.
- Provide procedures, construction details, and schedule for timely repair and/or replacement for concrete/asphalt cover (cap) on-Site.
- Maintain O&M related documentation (inspections, repairs, reporting to agencies, etc.) .
- Notify DTSC and US EPA of O&M and redevelopment plans that involve soil disturbance and or soil cover disturbance activities (See Section 5).
- Notify future Site lessees/occupants of the LUC requirements (See Section 3 and Appendix C). Provide annual notifications to DTSC and US EPA of the inspections outcome and return to compliance.

A summary of previous investigations as well as elements of the O&M Plan are described in detail in the following sections.

1.2 Responsibilities

The property owner has ultimate responsibility for following the O&M Plan, HASP, and LUC. The property owner shall oversee implementation of this O&M Plan at the Site. In addition, the property owner shall make available a copy of the O&M Plan to contractors that may be performing O&M activities at the Site and to lessees / occupants.

Any maintenance and redevelopment activities conducted by the property owner will be done in accordance with the requirements of this O&M Plan. In addition, both the DTSC and US EPA will be notified of such activities prior to implementation.

2.0 SUMMARY OF PREVIOUS INVESTIGATIONS

A DTSC Compliance Evaluation Inspection at the Site lead to development of a Corrective Action Consent Agreement (CACA) that was finalized on March 6, 2002 (Docket No. SPRD 00/01SCC-4208). In accordance with the CACA, the following nine (9) areas of concern (AOC) were identified at the Site (see Figure 2 and Figures 3A through 3J):

- AOC1 – Rail Spur Area (including area of diesel impact)
- AOC2 – Chip-Bin Storage Area
- AOC3 – Water Pressure Test Area
- AOC4 – Former Iron Foundry Sand Cleanup Area
- AOC5 – Oil-Stained Pad (eastern portion of AOC1)
- AOC6 – Former Asphalt Dip Tank
- AOC7 – Transformer Area 1
- AOC8 – Transformer Area 2
- AOC9 – Former Test-Pond (filled)

Groundwater investigations at the Site included installation of an initial groundwater monitoring well (MW-1) and sampling results from 2006 showed a low level of TCE (1.43 ug/L, which is below the Maximum Contaminant Level of 5 ug/L). Given the absence of any chlorinated solvent use at the Site, the TCE detection was postulated to be related to an off-Site source.

In February 2017, two additional groundwater monitoring wells (MW-2, MW-3) were installed on-Site as identified by the locations illustrated on Figure 2. Installation of these wells allowed for calculation of the Site-specific groundwater flow direction and gradient, which confirmed that MW-1 was appropriately positioned to evaluate potential groundwater impacts related to the former TPH-d release at AOC1. Subsequent monitoring demonstrated that groundwater chemistry beneath the Site was similar to local background concentrations; therefore, it was determined that groundwater would not be incorporated into the corrective measures for the Site.

The historical data, a Human Health Risk Assessment, and current Site operations were used to

prepare a *Corrective Measures Study* (CMS) for the Site (EarthCon, 2018). The CMS identified that excavation (AOC7) and capping in place (AOC1, AOC5, and AOC7) as the selected remedy. However, due to the presence of PCBs at AOC-7, additional Site assessment activities were conducted in July 2018, October 2018, and January 2019 under the oversight of the USEPA. The USEPA also required that further assessment of potential PCB impacted soil would be evaluated at AOC3 and AOC6 as well. The results were summarized in a document titled *Risk-Based Approval Application 40 CFR 761.61 (c)(1)* (EarthCon, 2019). Based on the results from the PCB related Site assessment activities, EarthCon recommended that rather than excavating PCB-impacted soil at AOC7 that the Site remained capped, with the existing concrete cap having the ability to protect industrial workers from exposure to PCB concentration in the underlying soil. In a letter dated April 23, 2019, the USEPA approved the application with the conditions including preparation of the following: Deed Restriction, Operations and Maintenance Plan, and Soil Management Plan, and PCB Cleanup Report (CMI Report).

Upon receipt of the approval letter from the USEPA, the DTSC approved the CMS in a letter dated May 16, 2019. The *Corrective Measures Implementation Work Plan* presented details associated with the cap design and the installation and implementation schedule for AOC1 and AOC5. The proposed schedule for the evaluation and repair of the exiting ground cover in AOC2, AOC4, and AOC9 was also addressed. Additionally, potential cap repair and/or construction, if necessary, associated with AOC3, AOC6, and AOC7 was identified to require the oversight of the USEPA.

3.0 LAND USE COVENANT

As noted previously, a LUC will be recorded to restrict the future use of the entire Site to commercial/industrial uses appropriate for the human health risk hazard and prohibits Site development for residential and sensitive receptor uses for the entire Site. For all restrictions and requirements in the LUC see Appendix C. In addition, for AOC3, AOC6, and AOC7, specific requirements of 40 CFR 761.61(a)(8) must also be met, including:

- Record deed restriction within 60 days of completion of cleanup activity
- Indicate that land has been used for PCB remediation waste disposal and is restricted to use as a low occupancy area as defined in 40 CFR 761.3
    - *Low occupancy area* means any area where PCB remediation waste has been disposed of on-site and where occupancy for any individual not wearing dermal and respiratory protection for a calendar year is: less than 840 hours (an average of 16.8 hours per week) for non-porous surfaces and less than 335 hours (an average of 6.7 hours per week) for bulk PCB remediation waste. Examples could include an electrical substation or a location in an industrial facility where a worker spends small amounts of time per week (such as an unoccupied area outside a building, an electrical equipment vault, or in the non-office space in a warehouse where occupancy is transitory).
- Identify the existence of the cap and the requirement to maintain the cap
- Denote the applicable cleanup levels used at the site, under the cap
- Submit a certification, signed by the owner, that he/she has recorded the notation specified in 40 CFR 761.61 (a)(8)(i)(A) to the EPA Regional Administrator
- If, in the future, additional cleanup activities are conducted to remove PCBs to achieve cleanup levels specified in 40 CFR 761.61(a)(4), which do not require a cap, the owner may remove the notice on the deed no earlier than 30 days after achieving the applicable cleanup levels.[1]
- A land survey was prepared by a California licensed Professional Land Surveyor is be included to provide a basis for the LUC. This survey depicts the Site, area subject to 40 CFR 761.3 (PCB impacted soil), and the area subject to soil cover O&M (lead impacted soil) (See Figure 4).

1 As noted in the *Site Management Plan* the Site soil with PCB concentrations of 15 ppm or greater will be removed, as required by the USEPA. Soil characterized with PCB concentrations $\geq$ to 50 ppm will be transported off-Site for disposal at a TSCA-approved facility.

4.0 O&M PLAN IMPLEMENTATION

The purpose of the O&M Plan is to ensure clarity of the ongoing requirements for the remedial surface cover (concrete/asphalt cap) for the Site after the CMIWP has been completed. The O&M Plan will be implemented while the LUC remains in effect. Projected costs associated with the O&M Plan are provided in Appendix D.

4.1 Routine Inspections

As noted in the CMIWP, annual inspections of the surface cover will continue in perpetuity until the contaminated material is removed or demonstrated to no longer represent a risk to human health or the environment.

During inspection of the surface cover, any crack visible at the surface should be identified as a "penetrating crack". One or more of following observations will identify which cracks that will require repair:

- Length equal or greater to 12 inches
- Width equal or greater to 0.25 inches
- Evidence of base course or soil exposure
- Evidence of vegetation (e.g. grass, weeds, etc.) growing through crack
- Evidence of surface deterioration
- Evidence of difference in elevation
- Evidence of ponding water

The corrective action for cracks, if warranted, should be identified on the inspection form. Corrective action may include a rubberized asphalt-emulsion crack filler, application of an area-wide slurry seal, or repaving. In addition, repairs will be made in the event that ponding is present/observed.

In addition to the inspection of the surface cover, the following items must be reported to if observed during inspections:

- Cap disturbing activities,
- Activities that bring soil to the surface,
- Unauthorized Site use for residential, or

- Unauthorized Site use for a school or day care for children under 18 years of age.

Annual inspections will be conducted by knowledgeable personnel as designated by the property owner. The knowledgeable personnel will inspect the condition of the surface cover noting observations on a Site-specific inspection form (see Appendix B for an example).

4.2 Inspections for Unplanned Events

Additional inspections should be conducted in the case of unexpected events occur that have the potential to affect the integrity of the surface cover (i.e. earthquake, on-Site fire, etc.). Details of the unplanned event should be noted on the inspection form. In the case of an earthquake, identify the magnitude and proximity to the Site. Generally, an earthquake with a magnitude 5.0 or greater within 100 miles would trigger an unexpected event inspection. Damage noted by Site personnel will be investigated whether it was determined to have been the result of a specific unplanned event or not.

4.3 Reporting

Written reporting of both annual and unplanned event inspections shall be submitted to DTSC for review within three (3) weeks of completing the on-Site inspection. In addition, a “Five Year Review” of the O&M inspections will be prepared and subsequently submitted to the DTSC.

4.4 Recordkeeping

Records will be maintained on-Site while the LUC remains in effect. Records will include, but not be limited to, inspections, Five Year Review, and associated agency correspondence. Cap repair records, soil management, and disposal records.

5.0 SOIL MANAGEMENT PLAN

The purpose of the Soil Management Plan (SMP) is to provide guidance for management of soils in the event excavation or soil disturbance is required. Areas of the Site subject to the SMP are identified in Figure 4. In the event repairs and/or replacement of the concrete/asphalt surface cover (cap) may require soil disturbing activities, such activities will be conducted in accordance with the SMP Plan. The O&M knowledgeable personnel is responsible for identifying such activities and subsequently notifying the property owner and/or designated individuals responsible for implementing the SMP.

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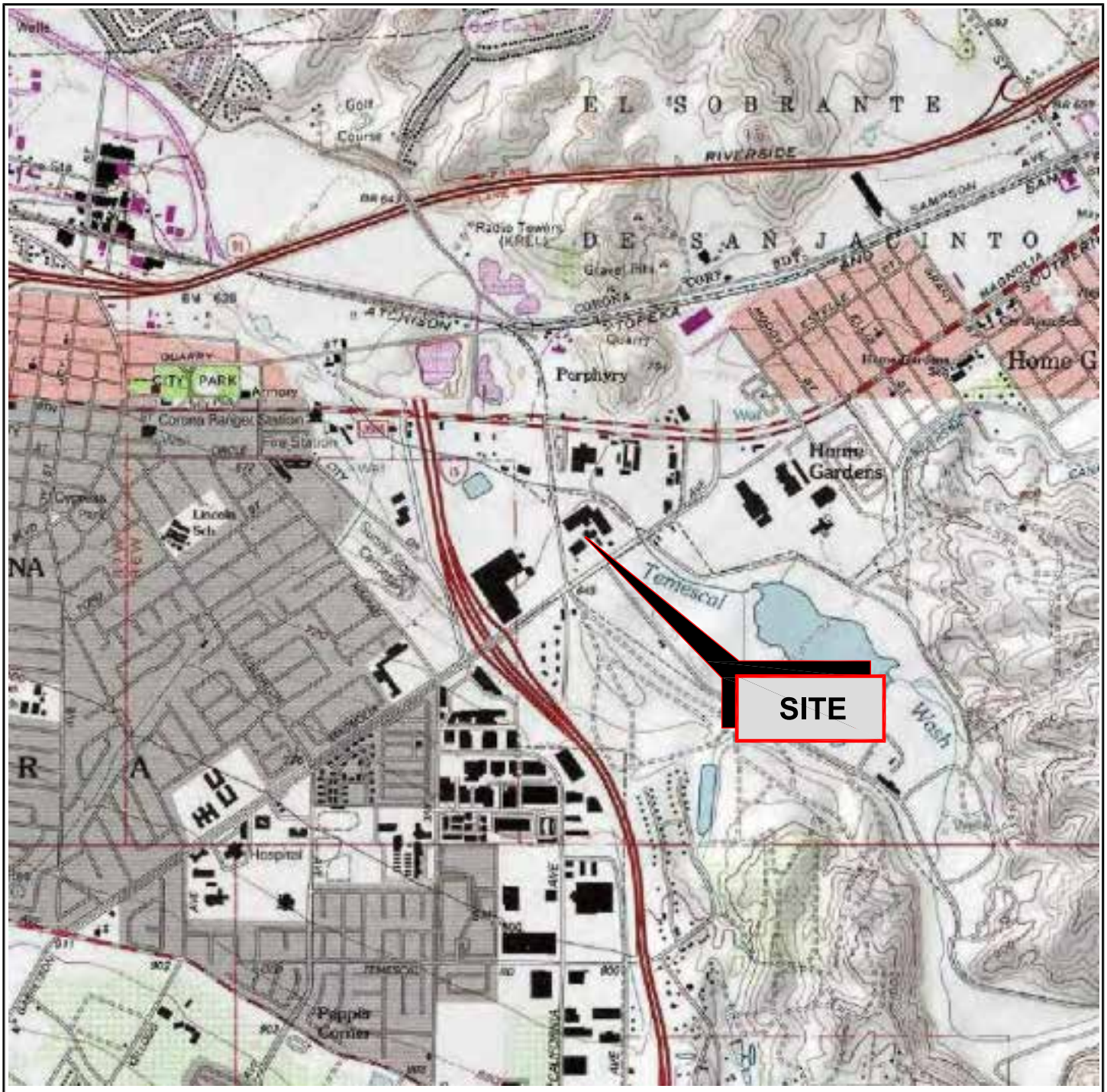
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FIGURES



FROM: U.S. GEOLOGICAL SURVEY, 1997
QUADRANGLE: CORONA SOUTH
COUNTY: RIVERSIDE
SERIES: 7.5-MINUTE QUAD

NOTE: ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE

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SCALE

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

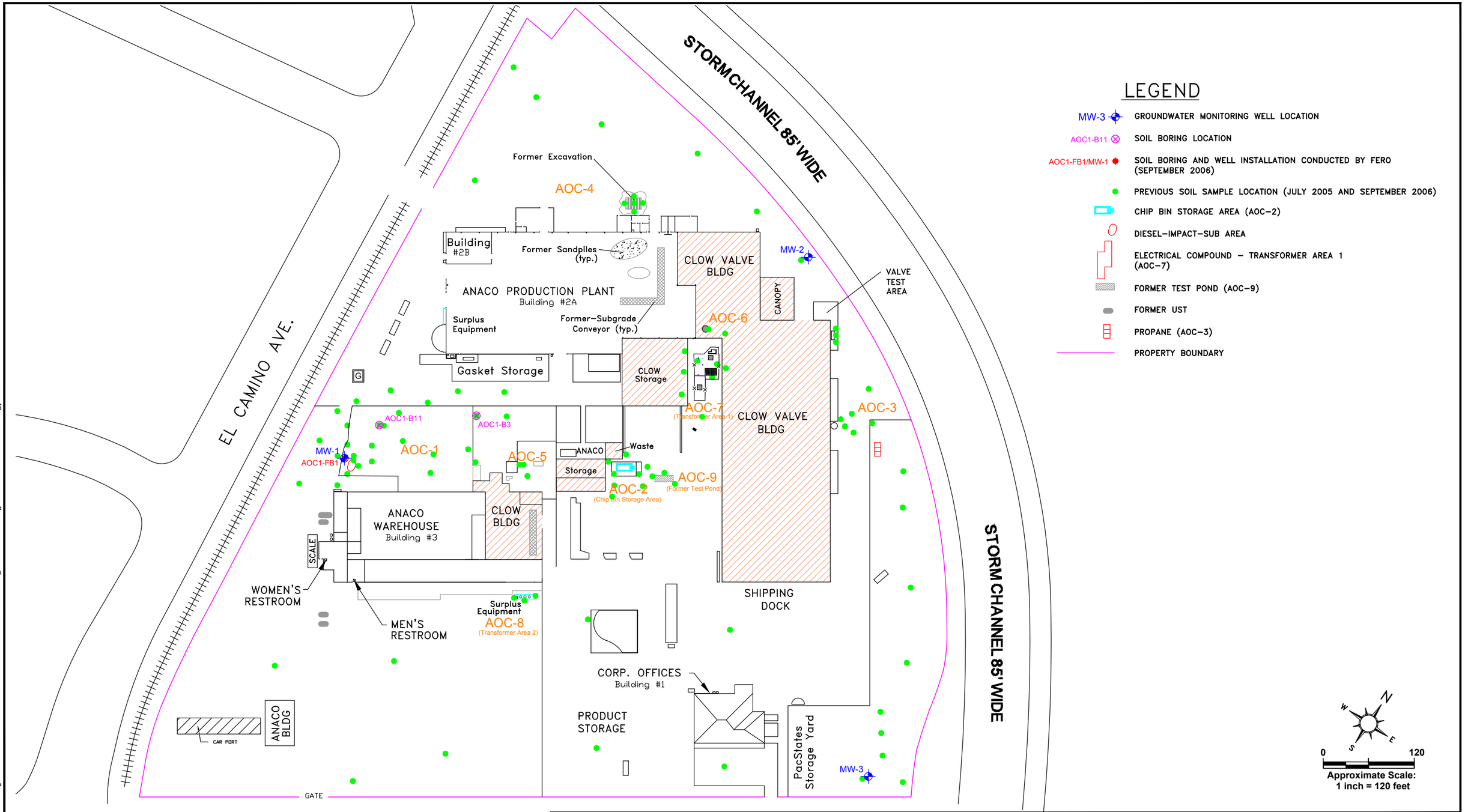
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VICINITY MAP

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DCN	JB	12/30/15	1

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LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

0 120

Approximate Scale:
1 inch = 120 feet

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1375 MAGNOLIA AVENUE
CORONA, CA 92879

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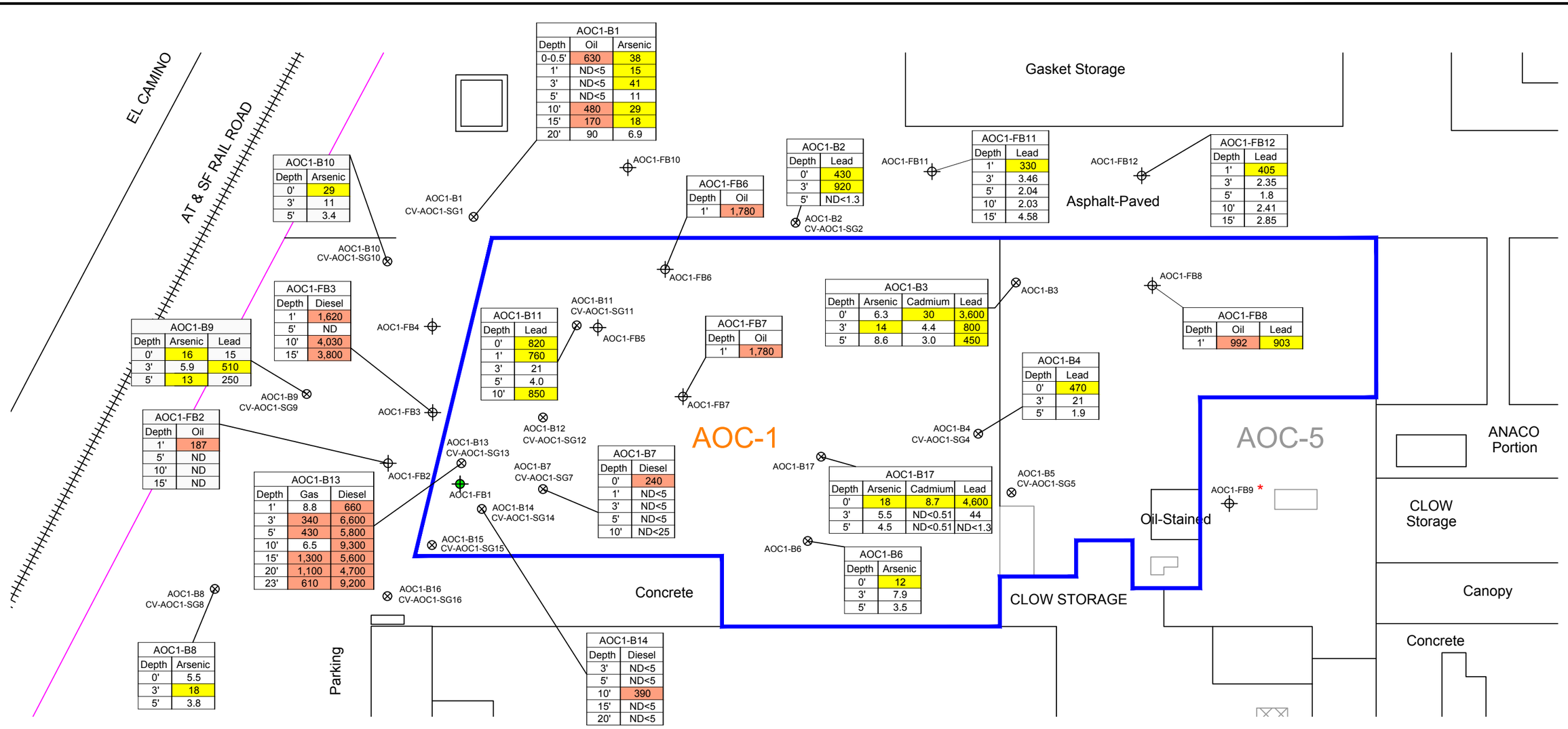
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SITE PLAN

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LEGEND

- AOC7-B3 ⊗ — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- AOC1-FB7 ⊕ — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC1-FB1 ⊕ — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- * — ORIGINALLY IDENTIFIED AS AOC1-FB9
- PROPOSED AREA OF CAPPING AT AOC-1 (UNPAVED)

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. November 2015. HQ=1.0
(1) = General California Background Concentration (DTSC, January 2009)
(2) = DTSC HHRA Note 3 (August 2017)
(3) = OEHHA CHHSL (September 2009)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

	LUFT	RSLs
TPH-gas	100	--
TPH-diesel	100	--
TPH-oil	100	--
Arsenic	--	12 (1)
Cadmium	--	7.3 (2)
Lead	--	320 (3)

N W E S
0 30
Approximate Scale: 1 inch = 30 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

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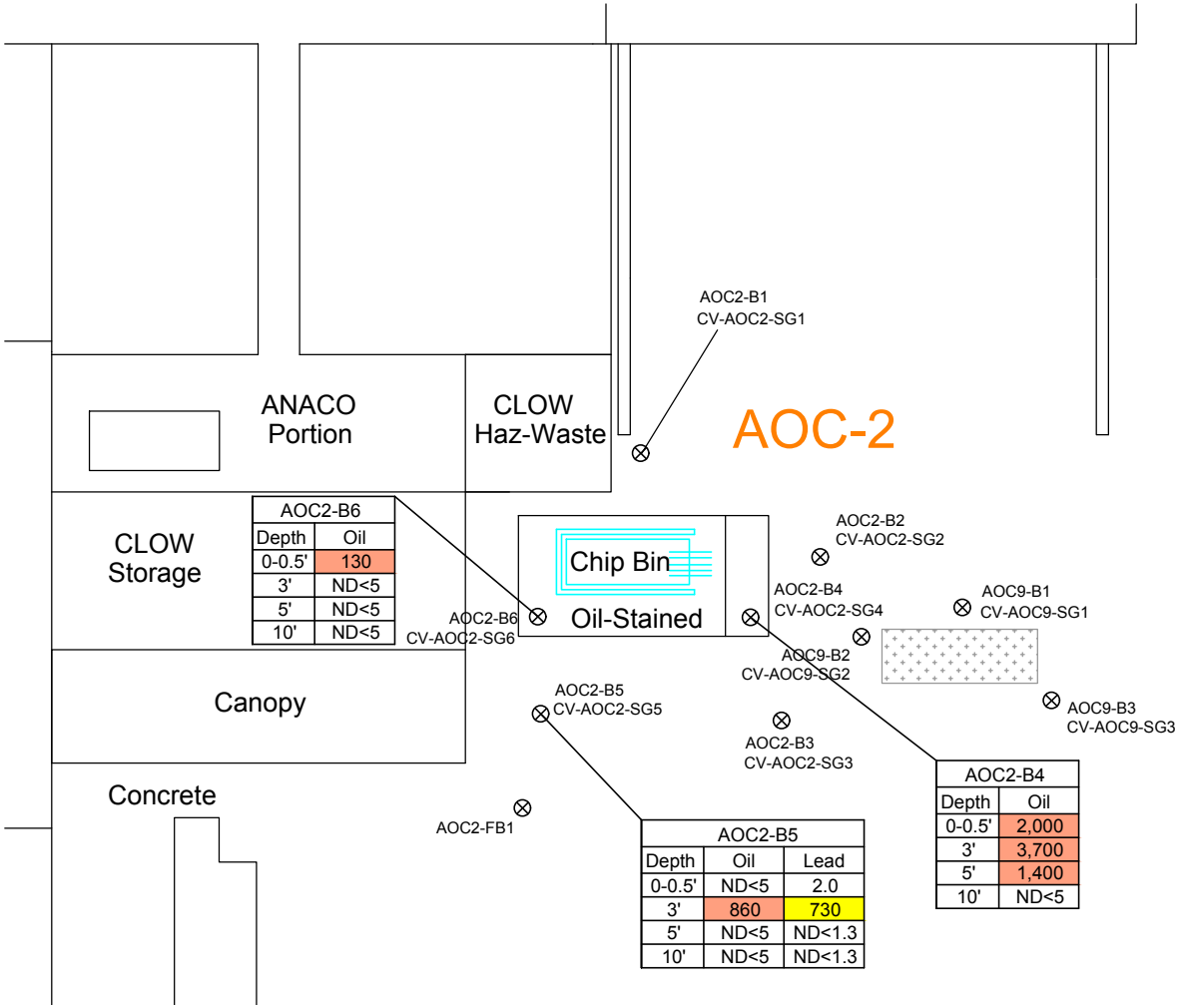
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AOC1 - RAIL SPUR AREA

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KG	JB	03/26/20	3A

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AOC2-B6	
Depth	Oil
0-0.5'	130
3'	ND<5
5'	ND<5
10'	ND<5

AOC2-B4	
Depth	Oil
0-0.5'	2,000
3'	3,700
5'	1,400
10'	ND<5

AOC2-B5		
Depth	Oil	Lead
0-0.5'	ND<5	2.0
3'	860	730
5'	ND<5	ND<1.3
10'	ND<5	ND<1.3

LEGEND

AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

	LUFT	RSLs
TPH-oil	100	--
Lead	--	320 (2)

N W E S

0 30

Approximate Scale: 1 inch = 30 feet

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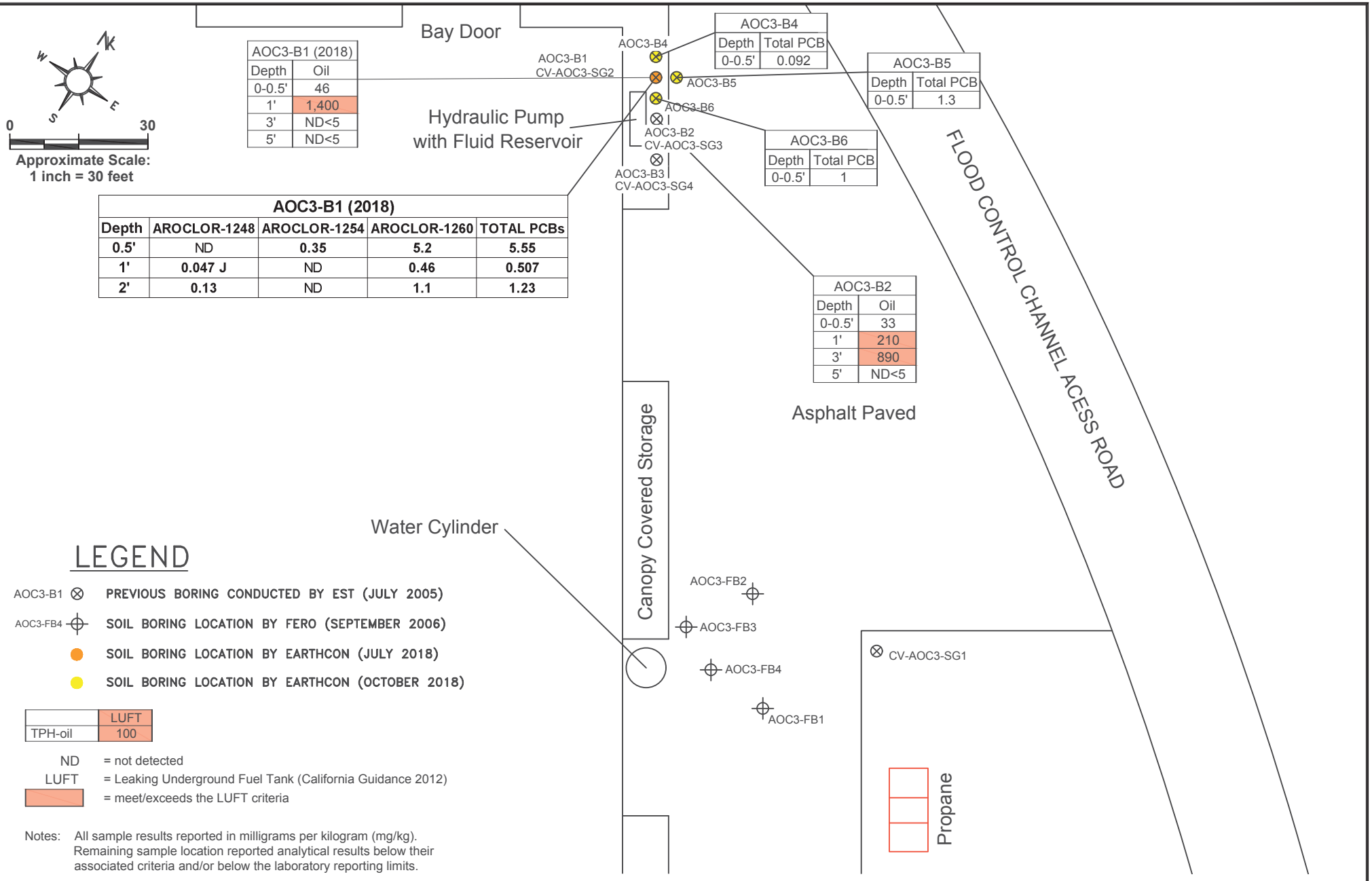
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AOC 2 - CHIP BIN AREA

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KG	JB	10/18/19	3B

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AOC3-B1 (2018)

Depth	AROCLOR-1248	AROCLOR-1254	AROCLOR-1260	TOTAL PCBs
0.5'	ND	**0.35**	**5.2**	**5.55**
1'	**0.047 J**	ND	**0.46**	**0.507**
2'	**0.13**	ND	**1.1**	**1.23**

LEGEND

AOC3-B1 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

AOC3-FB4 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)

● SOIL BORING LOCATION BY EARTHCON (JULY 2018)

● SOIL BORING LOCATION BY EARTHCON (OCTOBER 2018)

	LUFT
TPH-oil	100

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

CLOW VALVE

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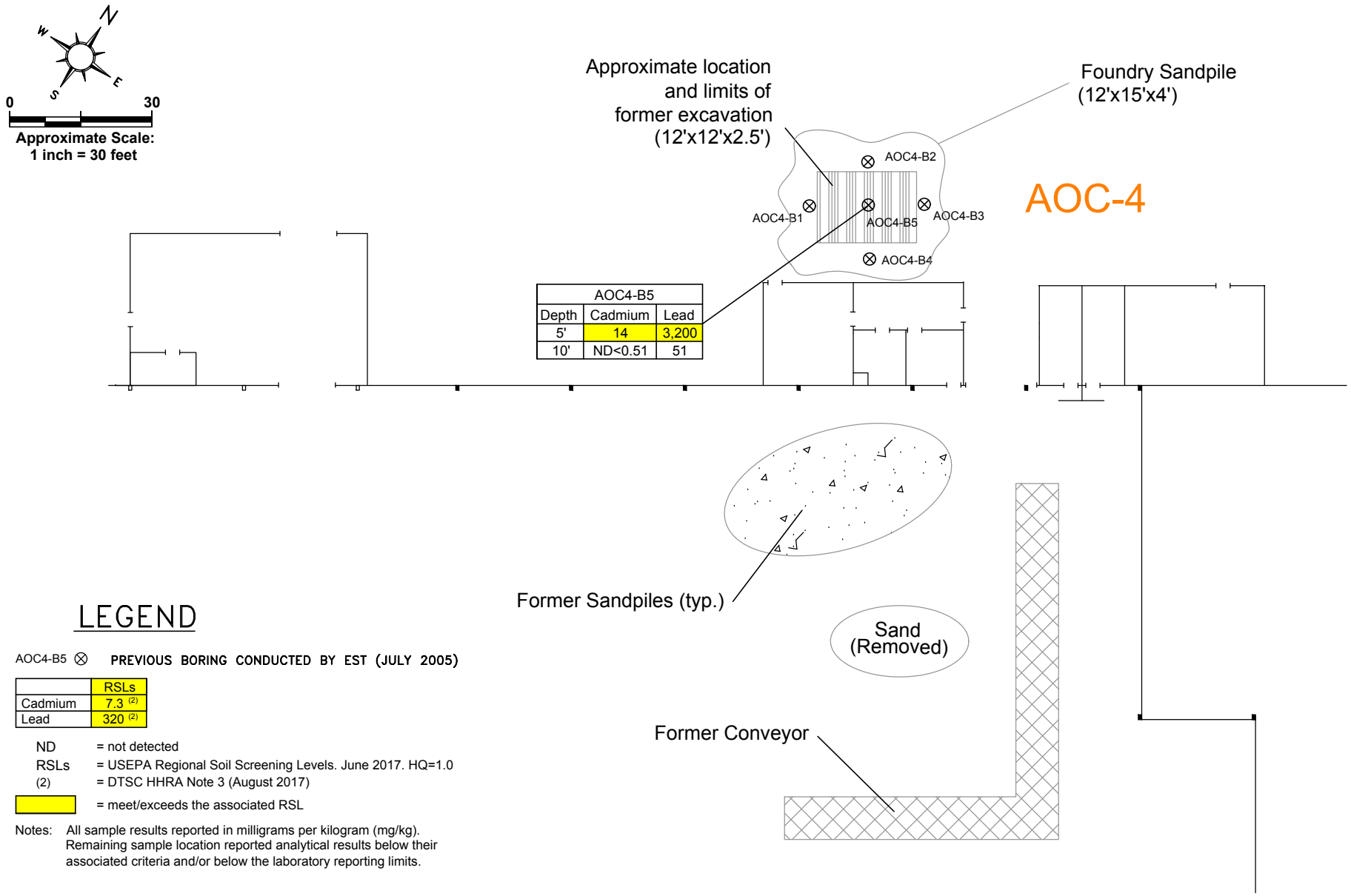
1500 SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 3 - WATER PRESSURE TEST AREA

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KNB	JB	03/05/2019	3C

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LEGEND

AOC4-B5 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

	RSLs
Cadmium	7.3 (2)
Lead	320 (2)

ND = not detected
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

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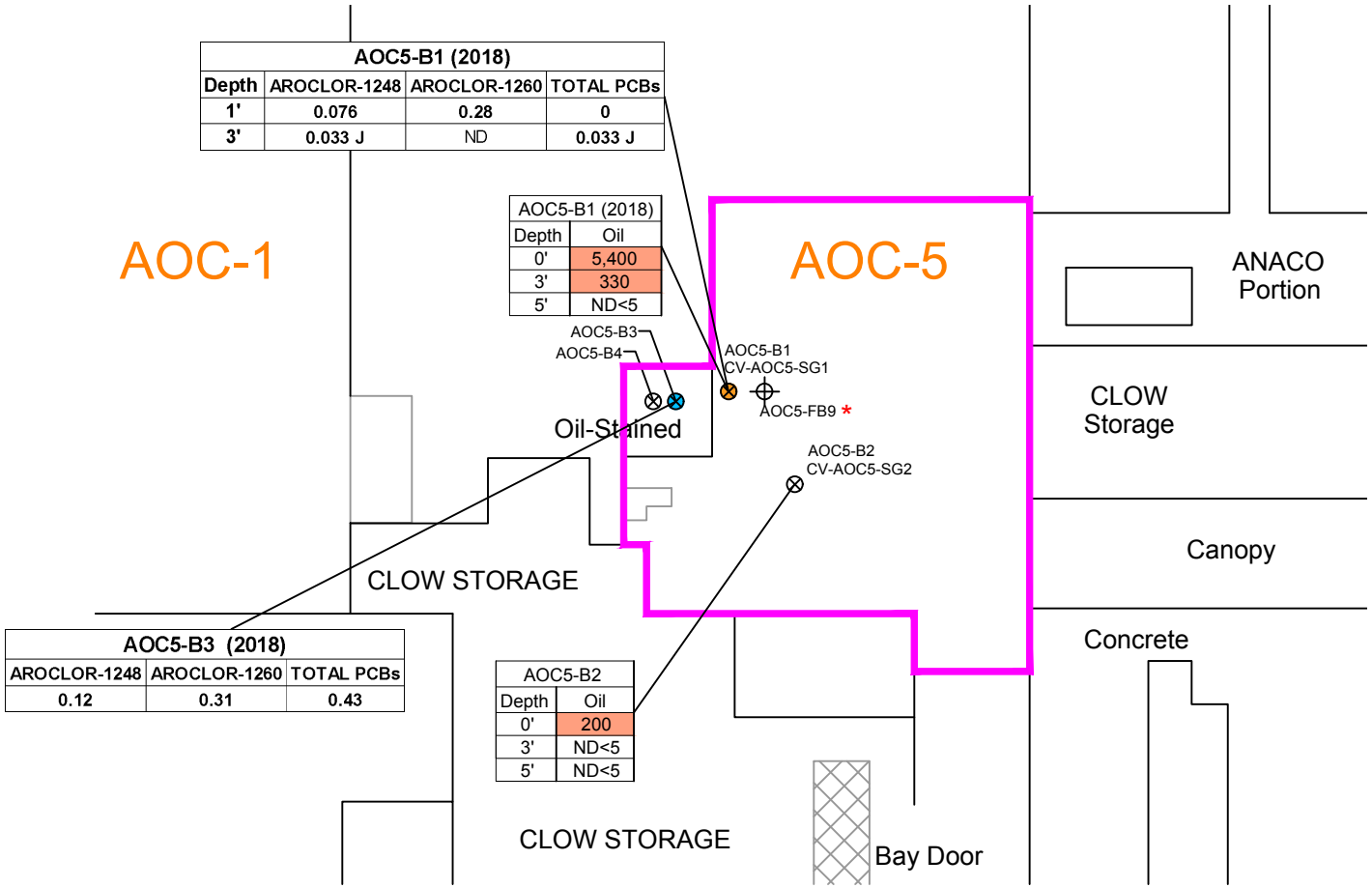
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AOC 4 - FORMER IRON
FOUNDRY SAND CLEANUP AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3D

FILENAME: S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3BDJ.dwg (3D (AOC 4)) 10/18/19 10:44 - kgyawali

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LEGEND

AOC5-FB9 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

AOC5-B2 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)

● SOIL BORING LOCATION BY EARTHCON (JULY 2018)

● CONCRETE SAMPLE LOCATION BY EARTHCON (JULY 2018)

* ORIGINALLY IDENTIFIED AS AOC1-FB9

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

= Proposed Area of Capping at AOC- 5 (Primarily Unpaved)

	LUFT
TPH-oil	100

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

N W E S

0 30

Approximate Scale:
1 inch = 30 feet

CLOW VALVE

1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

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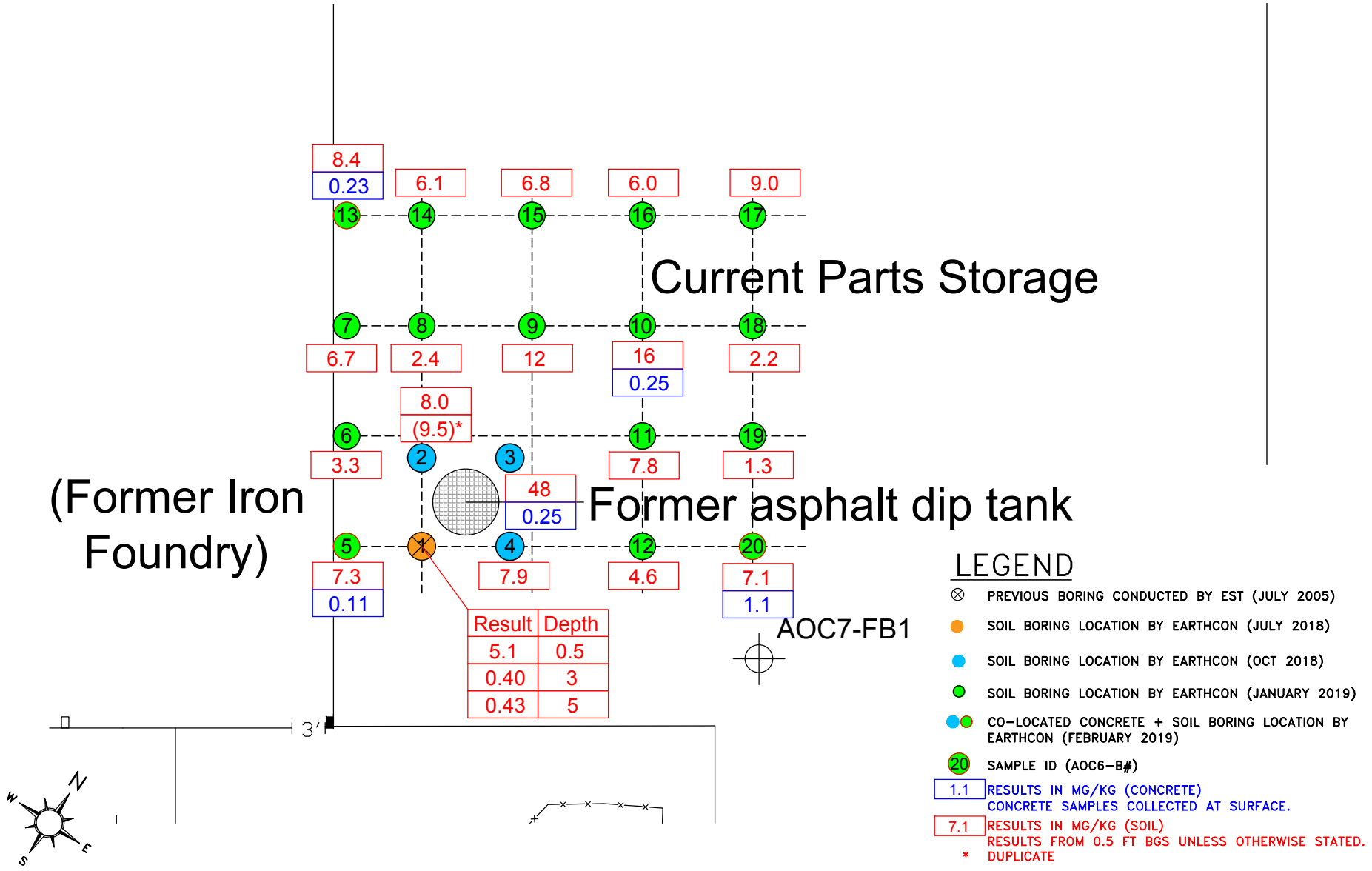
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 5 - OIL STAINED PAD AREA
PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	03/26/20	3E

FILENAME:S:\Common\DrongeCADProjects\04.20150013.00-Clow Valve\CAD2020\SP 03-26-20_F3EFH1.dwg (3E (AOC 5)) 03/26/20 09:19 - kgyawall

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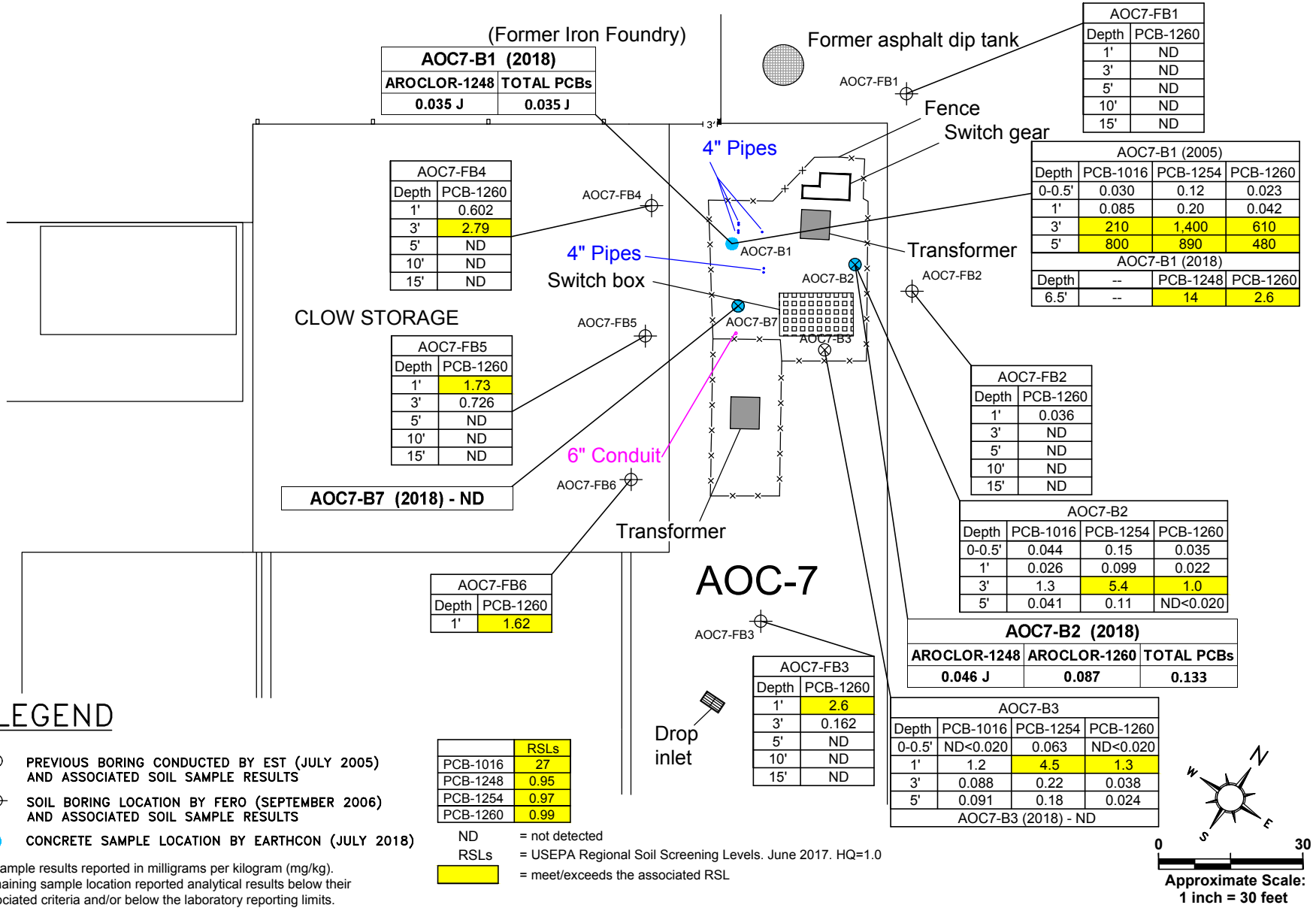
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AOC 6 - FORMER ASPHALT DIP TANK AREA

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3F

FILENAME:S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3EFHI.dwg (3F (AOC6 NEW)) 10/18/19 14:55 - kgyawali

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AOC7-B1 (2018)	
AROCLOR-1248	TOTAL PCBs
0.035 J	0.035 J

AOC7-FB1	
Depth	PCB-1260
1'	ND
3'	ND
5'	ND
10'	ND
15'	ND

AOC7-B1 (2005)			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	0.030	0.12	0.023
1'	0.085	0.20	0.042
3'	210	1,400	610
5'	800	890	480
AOC7-B1 (2018)			
Depth	--	PCB-1248	PCB-1260
6.5'	--	14	2.6

AOC7-FB4	
Depth	PCB-1260
1'	0.602
3'	2.79
5'	ND
10'	ND
15'	ND

AOC7-FB5	
Depth	PCB-1260
1'	1.73
3'	0.726
5'	ND
10'	ND
15'	ND

AOC7-FB2	
Depth	PCB-1260
1'	0.036
3'	ND
5'	ND
10'	ND
15'	ND

AOC7-B2			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	0.044	0.15	0.035
1'	0.026	0.099	0.022
3'	1.3	5.4	1.0
5'	0.041	0.11	ND<0.020

AOC7-B2 (2018)		
AROCLOR-1248	AROCLOR-1260	TOTAL PCBs
0.046 J	0.087	0.133

AOC7-FB6	
Depth	PCB-1260
1'	1.62

AOC7-FB3	
Depth	PCB-1260
1'	2.6
3'	0.162
5'	ND
10'	ND
15'	ND

AOC7-B3			
Depth	PCB-1016	PCB-1254	PCB-1260
0-0.5'	ND<0.020	0.063	ND<0.020
1'	1.2	4.5	1.3
3'	0.088	0.22	0.038
5'	0.091	0.18	0.024
AOC7-B3 (2018) - ND			

LEGEND

AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005) AND ASSOCIATED SOIL SAMPLE RESULTS

AOC7-FB6 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006) AND ASSOCIATED SOIL SAMPLE RESULTS

● CONCRETE SAMPLE LOCATION BY EARTHCON (JULY 2018)

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

	RSLs
PCB-1016	27
PCB-1248	0.95
PCB-1254	0.97
PCB-1260	0.99

ND = not detected

RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0

= meet/exceeds the associated RSL

CLOW VALVE

1375 MAGNOLIA AVENUE

CORONA, CA 92879

PROJECT NO. 04.20150013.00

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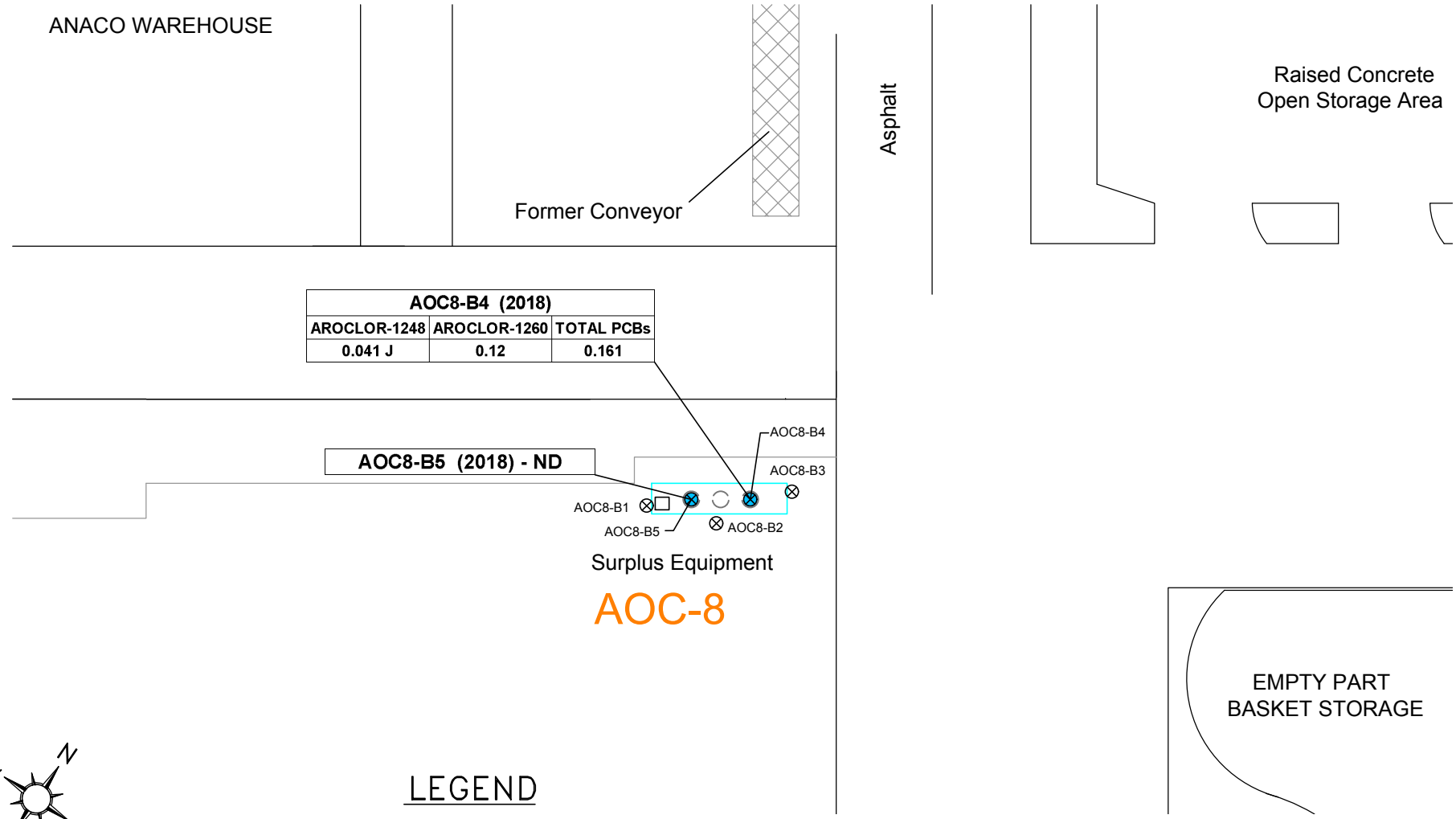
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 7 - TRANSFORMER AREA 1

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3G

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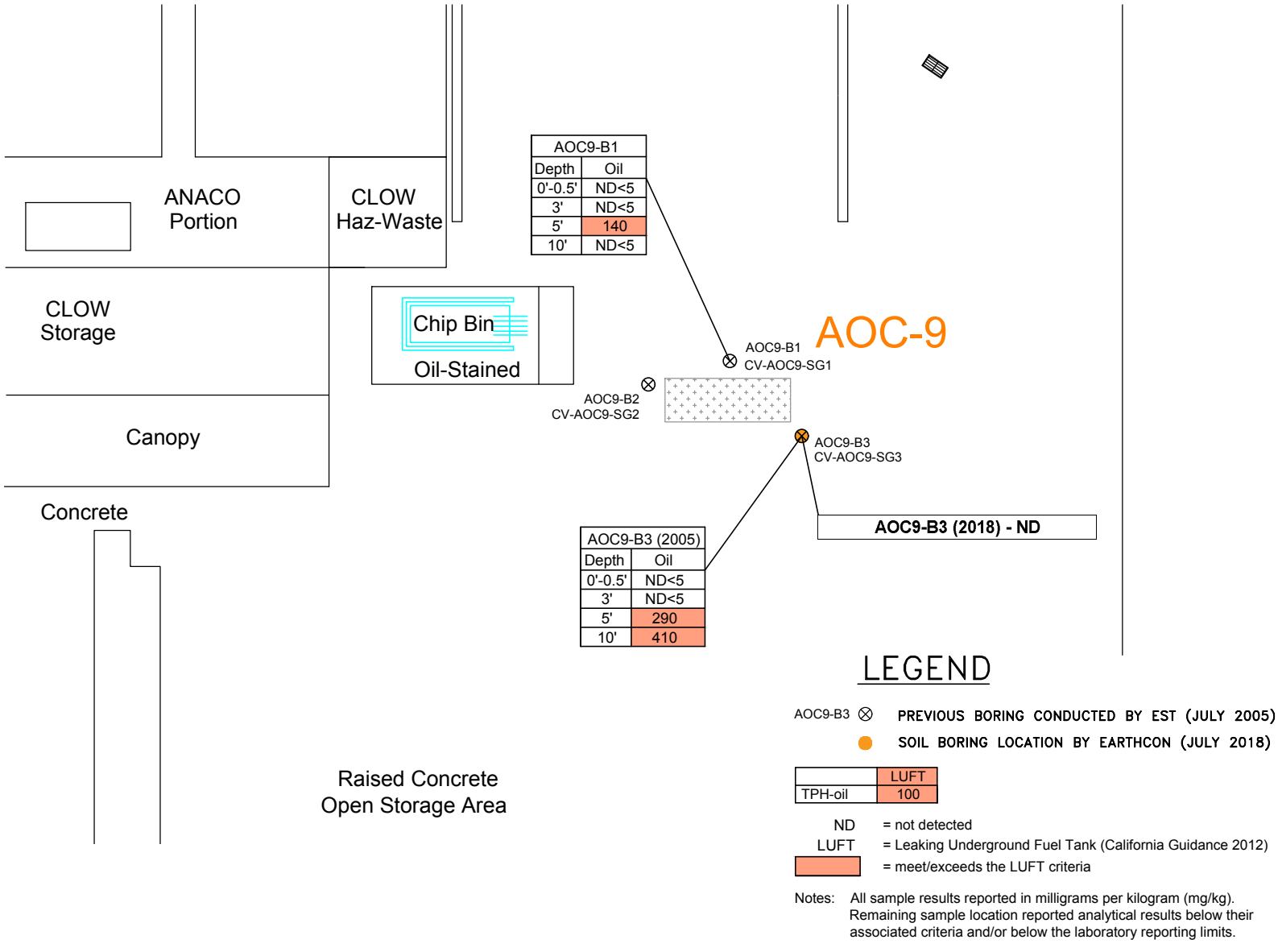
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 8 - TRANSFORMER AREA 2
PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3H

FILENAME:S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3EFHI.dwg (3H (ADC8)) 10/21/19 13:24 - kgyawali

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LEGEND

AOC9-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)

● SOIL BORING LOCATION BY EARTHCON (JULY 2018)

	LUFT
TPH-oil	100

ND = not detected

LUFT = Leaking Underground Fuel Tank (California Guidance 2012)

= meet/exceeds the LUFT criteria

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

CLOW VALVE

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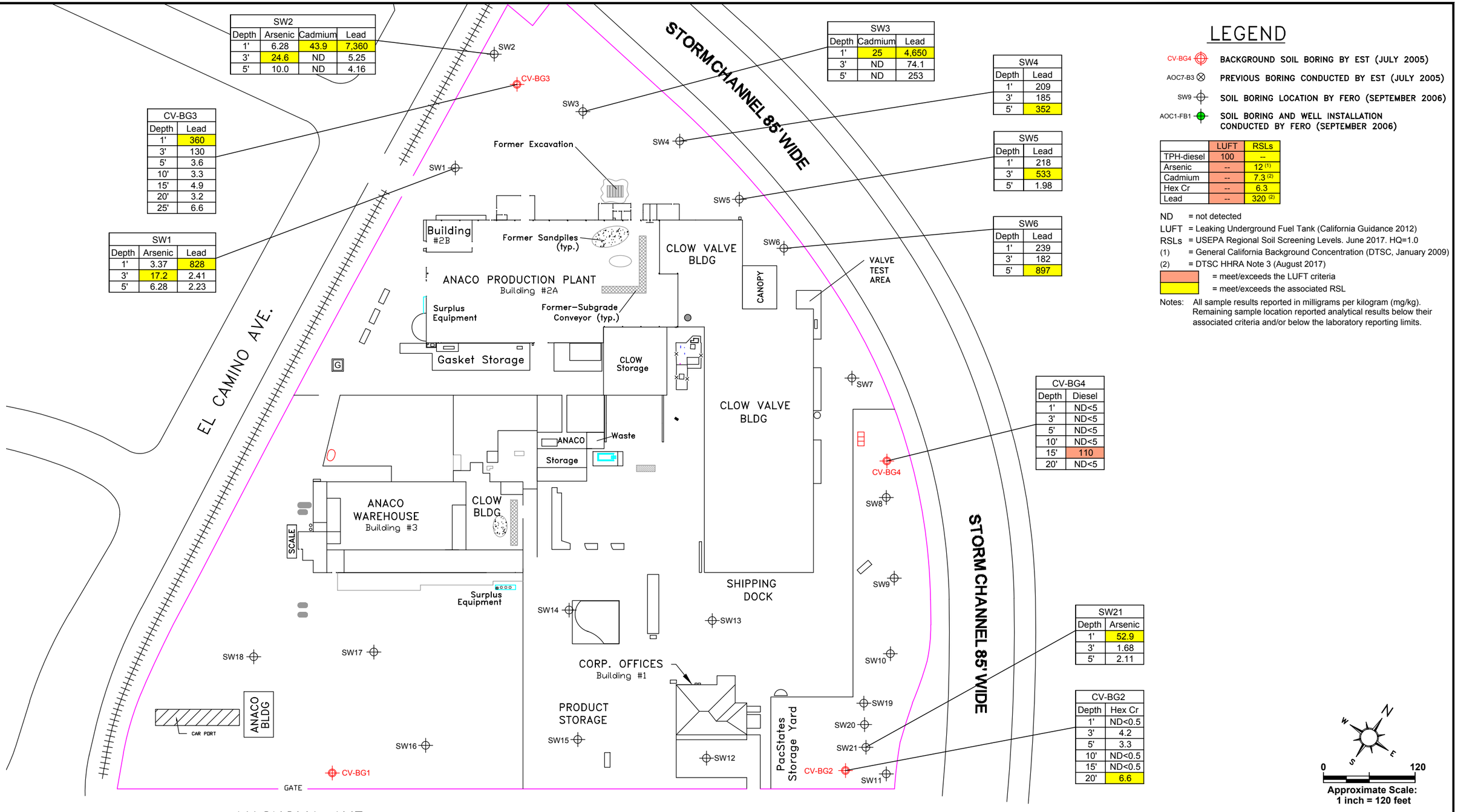
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

AOC 9 - FORMER TEST POND
PCB SAMPLE LOCATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3I

FILENAME:S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 10-18-19_F3EFHI.dwg (3I (AOC9)) 10/18/19 10:47 - kgyawall

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LEGEND

- CV-BG4 — BACKGROUND SOIL BORING BY EST (JULY 2005)
- AOC7-B3 — PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- SW9 — SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC1-FB1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)

	LUFT	RSLs
TPH-diesel	100	--
Arsenic	--	12 (1)
Cadmium	--	7.3 (2)
Hex Cr	--	6.3
Lead	--	320 (2)

ND = not detected
LUFT = Leaking Underground Fuel Tank (California Guidance 2012)
RSLs = USEPA Regional Soil Screening Levels. June 2017. HQ=1.0
(1) = General California Background Concentration (DTSC, January 2009)
(2) = DTSC HHRA Note 3 (August 2017)
= meet/exceeds the LUFT criteria
= meet/exceeds the associated RSL

Notes: All sample results reported in milligrams per kilogram (mg/kg). Remaining sample location reported analytical results below their associated criteria and/or below the laboratory reporting limits.

N W E S

0 120

Approximate Scale: 1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

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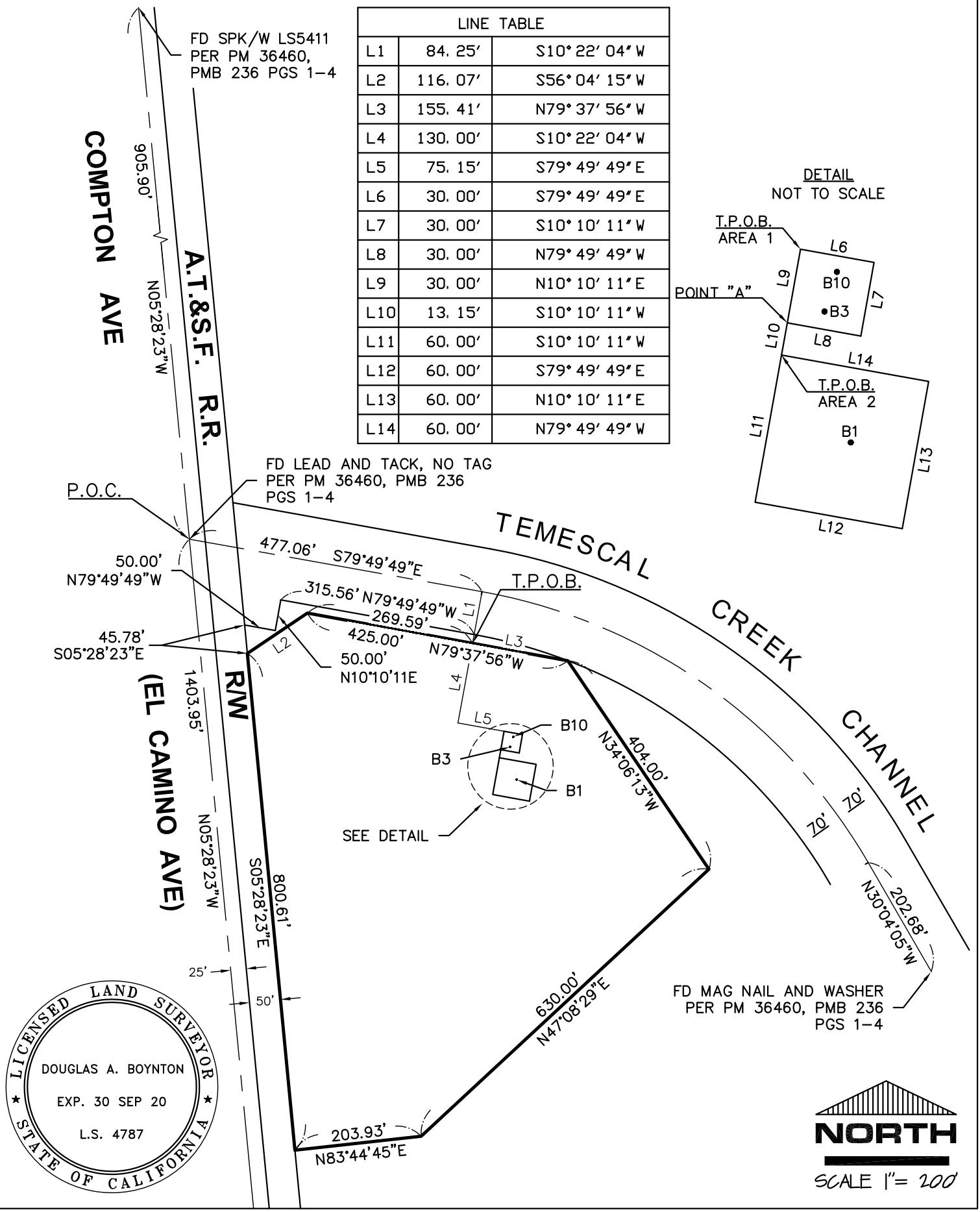
BACKGROUND AND SITEWIDE SOIL BORINGS

DRAWN:	CHECKED:	DATE:	FIGURE:
KG	JB	10/18/19	3J

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FIGURE 4



LINE TABLE		
L1	84. 25'	S10° 22' 04" W
L2	116. 07'	S56° 04' 15" W
L3	155. 41'	N79° 37' 56" W
L4	130. 00'	S10° 22' 04" W
L5	75. 15'	S79° 49' 49" E
L6	30. 00'	S79° 49' 49" E
L7	30. 00'	S10° 10' 11" W
L8	30. 00'	N79° 49' 49" W
L9	30. 00'	N10° 10' 11" E
L10	13. 15'	S10° 10' 11" W
L11	60. 00'	S10° 10' 11" W
L12	60. 00'	S79° 49' 49" E
L13	60. 00'	N10° 10' 11" E
L14	60. 00'	N79° 49' 49" W

CITY OF CORONA
PRECISE GRADING PLAN
1375 MAGNOLIA AVENUE

GRADING GENERAL NOTES

1. A GRADING PERMIT FROM THE PUBLIC WORKS DEPARTMENT IS REQUIRED. ALL GRADING SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF CORONA GRADING REGULATIONS– CORONA MUNICIPAL CODE 15.36. THESE PLANS, SPECIAL INSTRUCTIONS ON THE PERMIT, AND THE GEOTECHNICAL INVESTIGATION AND LIQUEFACTION EVALUATION DATED SEPTEMBER 10, 2019 BY GEOTECHNICAL PROFESSIONALS INC., AND ALL SUBSEQUENT ADDENDA.
2. SOURCE OF TOPOGRAPHY IS BASED ON FIELD SURVEY DATED SEPTEMBER 23, 2018.
3. A PRE–GRADING MEETING AT THE SITE IS REQUIRED BETWEEN THE CITY INSPECTOR, THE CIVIL ENGINEER, THE GEOTECHNICAL ENGINEER AND THE GRADING CONTRACTOR. CALL THE PUBLIC WORKS DEPARTMENT INSPECTION DIVISION AT (951) 279–3511 TO SCHEDULE A PRE–GRADING MEETING AT LEAST 48 HOURS PRIOR TO START OF ANY WORK.
4. HOURS OF OPERATION ARE 7:00 A.M. TO 5:00 P.M. – MONDAY THROUGH FRIDAY EXCLUDING HOLIDAYS.
5. SEPARATE PERMITS SHALL BE REQUIRED FOR ANY IMPROVEMENT WORK IN THE PUBLIC RIGHT–OF–WAY.
6. CONSTRUCTION MATERIAL AND EQUIPMENT SHALL NOT OCCUPY ANY PORTION OF THE PUBLIC RIGHT–OF–WAY, SUCH AS STREET, ALLEY OR PUBLIC SIDEWALK AT ANY TIME. TEMPORARY USE OF PUBLIC RIGHT–OF–WAY, WHENEVER REQUESTED, MUST BE REVIEWED AND APPROVED BY THE PUBLIC WORKS DIRECTOR.
7. REPAIR OR REPLACE ALL EXISTING DAMAGED OR ALTERED PUBLIC IMPROVEMENTS AS REQUIRED BY THE PUBLIC WORKS DIRECTOR.
8. ALL SURVEY MONUMENTS SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A QUALIFIED CIVIL ENGINEER OR A LICENSED LAND SURVEYOR.
9. PRIOR TO TAKING WATER FROM A CITY FIRE HYDRANT, THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE PUBLIC WORKS DEPARTMENT TO OBTAIN A FIRE HYDRANT WATER METER. METER LOCATION MAY NOT BE ALTERED WITHOUT DEPARTMENT OF WATER AND POWER APPROVAL.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES OR STRUCTURES ABOVE OR BELOW GROUND, SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGE TO ANY UTILITIES OR STRUCTURES CAUSED BY HIS OPERATION.
11. STRICT ADHERENCE TO DUST CONTROL REQUIREMENTS SHALL BE ENFORCED. ADJACENT STREETS ARE TO BE CLEANED DAILY OF ALL DIRT AND DEBRIS RESULTING FROM THIS OPERATION.
12. SEPARATE PERMITS FROM THE BUILDING DIVISION SHALL BE REQUIRED FOR ALL WALLS.
13. AN APPROVED PRECISE GRADING PLAN WILL BE REQUIRED PRIOR TO A BUILDING PERMIT BEING ISSUED.
14. THE DESIGN CIVIL ENGINEER/GEOTECHNICAL ENGINEER/ENGINEERING GEOLOGIST OF RECORD SHALL EXERCISE SUFFICIENT CONTROL DURING GRADING AND CONSTRUCTION TO ENSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE REQUIREMENTS WITHIN THEIR PURVIEW. THE ENGINEERS SHALL SUBMIT "ACKNOWLEDGMENT CONCERNING EMPLOYMENT" FORM TO THE CITY PRIOR TO THE ISSUANCE OF A GRADING PERMIT.
15. REVISIONS TO THE PLANS ARE TO BE SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR REVIEW AND APPROVAL PRIOR TO CHANGING ORIGINAL MYLARS.
16. THE CIVIL ENGINEER SHALL SUBMIT WRITTEN CERTIFICATION OF COMPLETION OF ROUGH GRADING IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND CERTIFICATION OF BUILDING PAD ELEVATION PRIOR TO ISSUANCE OF THE BUILDING PERMIT. PAD ELEVATION GRADING TOLERANCE SHALL NOT EXCEED ±0.10'.
17. AN "AS–BUILT" GRADING PLAN SHALL BE SUBMITTED AT THE COMPLETION OF WORK SHOWING ALL WATER QUALITY MANAGEMENT PLAN FACILITIES.
18. GRADING SHALL BE PERFORMED UNDER THE SUPERVISION OF THE GEOTECHNICAL ENGINEER WHO SHALL CERTIFY THAT ALL FILL HAS BEEN PROPERLY PLACED AND SUBMIT A FINAL COMPACTION REPORT FOR ALL FILLS OVER 1' DEEP.
19. THE GEOTECHNICAL ENGINEER SHALL, AFTER CLEARING AND PRIOR TO THE PLACEMENT OF FILL IN CANYONS, INSPECT EACH CANYON FOR AREAS OF ADVERSE STABILITY AND TO DETERMINE THE PRESENCE OR ABSENCE OF SUBSURFACE WATER OR SPRING FLOW. IF NEEDED, DRAINS WILL BE DESIGNED AND CONSTRUCTED PRIOR TO THE PLACEMENT OF FILL IN EACH RESPECTIVE CANYON.
20. FILL AREAS SHALL BE CLEANED OF ALL VEGETATION AND DEBRIS, SCARIFIED TO A MINIMUM DEPTH OF 12 INCHES AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACING OF FILL.
21. ALL DELETERIOUS MATERIALS, I.E., LUMBER, LOGS, BRUSH, OR ANY OTHER ORGANIC MATERIALS OR RUBBISH SHALL BE REMOVED FROM ALL AREAS TO RECEIVE COMPACTED FILL.
22. UNSUITABLE MATERIALS, SUCH AS TOPSOIL, WEATHERED BEDROCK, ETC., SHALL BE REMOVED AS REQUIRED BY GEOTECHNICAL ENGINEER (AND ENGINEERING GEOLOGIST, WHERE EMPLOYED) FROM ALL AREAS TO RECEIVE COMPACTED FILL OR DRAINAGE STRUCTURES.
23. FILLS SHALL BE BENCHED INTO COMPETENT MATERIAL.
24. WHEN CUT PADS ARE BROUGHT TO NEAR GRADE, THE GEOTECHNICAL ENGINEER SHALL DETERMINE IF THE BEDROCK IS EXTENSIVELY FRACTURED OR FAULTED AND WILL READILY TRANSMIT WATER. IF CONSIDERED NECESSARY BY THE GEOTECHNICAL ENGINEER, A COMPACTED FILL BLANKET WILL BE PLACED.
25. WHERE SUPPORT OR BUTTRESSING OF CUT AND NATURAL SLOPES IS DETERMINED TO BE NECESSARY BY THE GEOTECHNICAL ENGINEER, THE GEOTECHNICAL ENGINEER SHALL SUBMIT DESIGN, LOCATIONS AND CALCULATIONS TO THE PUBLIC WORKS DIRECTOR PRIOR TO CONSTRUCTION. THE GEOTECHNICAL ENGINEER WILL INSPECT AND CONTROL THE CONSTRUCTION OF THE BUTTRESSING AND CERTIFY TO THE STABILITY OF THE SLOPE AND ADJACENT STRUCTURES UPON COMPLETION.
26. ALL CUT SLOPES SHALL BE INVESTIGATED, BOTH DURING AND AFTER GRADING BY THE GEOTECHNICAL ENGINEER, TO DETERMINE IF ANY SLOPE HAS STABILITY PROBLEMS. SHOULD EXCAVATION DISCLOSE ANY GEOLOGICAL HAZARDS, THE GEOTECHNICAL ENGINEER SHALL RECOMMEND NECESSARY TREATMENT TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL. ALL APPROVALS TO BE GRANTED ON THE BASIS OF DETAILED GEOLOGICAL MAPPING AND WRITTEN RECOMMENDATION FROM THE GEOTECHNICAL ENGINEER.
27. MAXIMUM ALLOWABLE CUT AND FILL SLOPES ARE 2 TO 1 OR 30' IN HEIGHT WITHOUT APPROVAL OF THE PUBLIC WORKS DIRECTOR. IF PROPOSED CUT AND FILL SLOPES ARE STEEPER THAN 2:1 OR OVER 30' IN HEIGHT, STABILITY CALCULATIONS WITH A SAFETY FACTOR OF AT LEAST ONE AND FIVE TENTHS (1.5) SHALL BE SUBMITTED BY A GEOTECHNICAL ENGINEER FOR APPROVAL FROM THE PUBLIC WORKS DIRECTOR.
28. PROVIDE 4' WIDE BY 1' HIGH BERM OR EQUIVALENT ALONG THE TOP OF ALL FILL SLOPES OVER 5' HIGH, EXCEPT WHERE SHOWN OTHERWISE ON THE PLANS.
29. ALL SLOPES ADJACENT TO PUBLIC RIGHT–OF–WAY SHALL CONFORM TO SECTION 15.36.220 OF THE CORONA MUNICIPAL CODE.
30. ALL SLOPES 4' OR HIGHER SHALL BE PLANTED AND COMPLY WITH REQUIREMENTS OF CHAPTER 17 OF THE CORONA MUNICIPAL CODE.
31. TERRACE DRAINS, INTERCEPTOR DRAINS AND DOWN DRAINS SHALL BE CONSTRUCTED OF 4" P.C.C. (OR GUNITE) REINFORCED WITH 6"x6" –2 1.4x1.4 W.W.M. REBAR SHALL BE GRADE 60 BILLET STEEL CONFORMING TO ASTM A615.
32. ALL CONCRETE STRUCTURES THAT COME IN CONTACT WITH THE ON–SITE SOILS SHALL BE CONSTRUCTED WITH TYPE II OR V CEMENT AS DEEMED NECESSARY BY SOLUBLE SULFATE CONTENT TEST CONDUCTED BY THE GEOTECHNICAL ENGINEER. ALL CONCRETE SHALL BE CITY STANDARD 560–C–3250 (600–E 3250 FOR GUNITE) PER CITY STANDARD SPECIFICATIONS.
33. GROUND SHALL BE PRE–WETTED PRIOR TO THE PLACEMENT OF CONCRETE. MOISTURE LOSS RETARDANT SHALL BE USED WHEN REQUIRED BY THE GEOTECHNICAL ENGINEER OR PUBLIC WORKS DIRECTOR.
34. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND/OR OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL.

POST CONSTRUCTION BMP GENERAL NOTES:

1. THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMPS) FOR POST CONSTRUCTION STORM WATER TREATMENT.
2. CONSTRUCT THE STORM WATER TREATMENT FACILITIES AFTER ALL CONTRIBUTING DRAINAGE AREAS ARE STABILIZED AND TO THE SATISFACTION OF THE ENGINEER OF RECORD.
3. DO NOT USE THE DEVICES AS TEMPORARY SEDIMENT CONTROL FACILITIES DURING CONSTRUCTION.
4. THE FOLLOWING BMPS HAVE BEEN DESIGNED INTO THE PLANS. PLEASE REFER TO THE PROJECT'S APPROVED WATER QUALITY MANAGEMENT PLAN (WQMP) FOR ADDITIONAL BMP's AND OPERATION AND MAINTENANCE DETAILS:

   A. BIORETENTION FACILITY AND OR ON–SITE RETENTION

NOTE:

1. A SEWER BACKFLOW PREVENTOR IS NOT REQUIRED FOR THIS PROJECT
2. WATER PRESSURE REDUCING VALVES ARE REQUIRED FOR THIS PROJECT

NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES, SHOWN OR NOT SHOWN ON THESE PLANS

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION ON THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS OR PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY, THE OWNER, AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA) PH. 811, TWO (2) WORKING DAYS PRIOR TO DIGGING. NO CONSTRUCTION PERMIT ISSUED BY THE PUBLIC WORKS DEPARTMENT SHALL BE VALID INVOLVING UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS AN INQUIRY IDENTIFICATION NUMBER ISSUED BY U.S.A.

CARE SHOULD BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITES, THE PUBLIC WORKS DIRECTOR MAY REQUIRE TEMPORARY GUNITE SWALES, ENTERING OR LEAVING IMPROVEMENTS.

DECLARATION OF ENGINEER OF RECORD

I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS SHOWN ON THESE PLANS COMPLIES WITH ALL PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER OF RECORD FOR THE PLANS, I ASSUME FULL RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS. WITH RESPECT TO THE PLAN CHECK PERFORMED BY THE CITY OF CORONA, I UNDERSTAND AND ACKNOWLEDGE THE FOLLOWING: (1) THE PLAN CHECK IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THE PLANS COMPLY WITH THE CITY'S STANDARDS, PROCEDURES, POLICIES, AND ORDINANCES, (2) THE PLAN CHECK IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS, AND (3) THE PLAN CHECK DOES NOT RELIEVE ME OF MY LEGAL AND PROFESSIONAL RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS. AS THE ENGINEER OF RECORD, I AGREE TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE CITY, ITS ELECTED OFFICIALS, EMPLOYEES, AND AGENTS FROM ANY AND ALL ACTUAL OR ALLEGED CLAIMS, DEMANDS, CAUSES OF ACTION, LIABILITY, LOSS, DAMAGE, OR INJURY TO PROPERTY OR PERSONS, INCLUDING WRONGFUL DEATH, WHETHER IMPOSED BY A COURT OF LAW OR BY ADMINISTRATIVE ACTION OF ANY FEDERAL, STATE, OR LOCAL GOVERNMENTAL AGENCY, ARISING OUT OF OR INCIDENT TO ANY NEGLIGENT ACTS, OMISSIONS, OR ERRORS BY THE ENGINEER OF RECORD, ITS EMPLOYEES, CONSULTANTS, OR AGENTS.

WILLIAM D. BROOKS, RCE 53114 — EXPIRES 6/30/21 — 3/8/2021 DATE

ENGINEER OF RECORD

GEOTECHNICAL ENGINEER'S STATEMENT

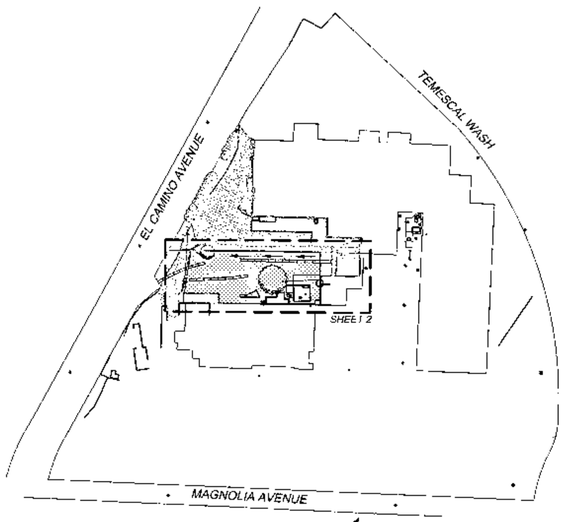
THIS PLAN HAS BEEN REVIEWED BY GEOTECHNICAL PROFESSIONALS INC. AND APPEARS TO BE IN GENERAL CONFORMANCE WITH RECOMMENDATIONS IN OUR REPORT DATED SEPTEMBER 10, 2019–PROJECT NO. 2945.1. THIS PLAN HAS BEEN REVIEWED FOR GEOTECHNICAL ASPECTS ONLY. WE MAKE NO REPRESENTATION REGARDING ACCURACY OF DIMENSIONS, QUANTITIES, MEASUREMENTS, CALCULATIONS, OR ANY PORTION OF THE DESIGN. GEOTECHNICAL CONDITIONS AND RECOMMENDATIONS SHOULD BE CONFIRMED BY THE GEOTECHNICAL CONSULTANT IN THE FIELD AT TIME OF CONSTRUCTION.

9-30-22

PAUL SCHADE — GE#2371 — EXP.
GEOTECHNICAL ENGINEER

ENGINEERING GEOLOGIST — CEG# — EXP.

REGISTERED PROFESSIONAL ENGINEER PAUL R. SCHADE No. 2371 GEOTECHNICAL STATE OF CALIFORNIA 3-9-21



INDEX MAP

150 0 150 300 450

SCALE 1" = 150'

DEMOLITION NOTES

		QTY	UNIT
(1)	REMOVE EXIST. RAIL SPUR	355	L.F.
(2)	REMOVE EXIST. CONCRETE PAD (6"± THICKNESS)	665	S.F.
(3)	REMOVE EXIST. AC PAVEMENTS (3"±)	1,075	S.F.
(4)	PROTECT IN PLACE EXIST. APPURTENANCE (AS LISTED)	–	–
(5)	REMOVE EXIST. TREE (DIA. PER PLAN)	4	EA.

CONSTRUCTION NOTES

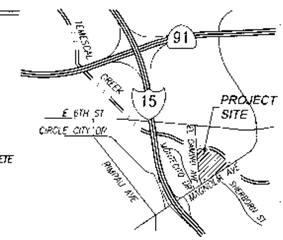
		QTY	UNIT
(10)	CONSTRUCT 3.5" AC PAVEMENT OVER 12" COMPACTED (90% RC) NATIVE MATERIAL	28,410	S.F.
(11)	PROTECT IN PLACE	–	–
(12)	INSTALL 6" AC BERM PER C.O.C. STD. DWG 140	375	L.F.

LEGEND

- EXIST. PCC PAVING
- EXIST. AC PAVING
- EXIST. LANDSCAPING
- PROP. PCC PAVING
- EXIST. BUILDING
- (XX.XX) / FS — EXIST. SPOT ELEVATION
- XX.XX / FS — PROP. SPOT ELEVATION
- x — EXIST. FENCE
- EXIST. TREES
- WALL/RET. WALL
- 1200 — PROP. CONTOUR
- X.XX% — PROP. RATE OF GRADE
- FLOWLINE

ABBREVIATIONS

AC	ASPHALT CONCRETE
C.O.C.	CITY OF CORONA
CONC	CONCRETE
DIA.	DIAMETER
EXIST.	EXISTING
FG	FINISH GRADE
FL OR ℄	FLOWLINE
FS	FINISH SURFACE
L.F.	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
NO.	NUMBER
PCC	PORTLAND CEMENT CONCRETE
P.I.P.	PROJECT–IN–PLACE
PROP.	PROPOSED
STD.	STANDARD
TYP.	TYPICAL
TW	TOP OF WALL



VICINITY MAP
NTS

BENCHMARK–CITY OF CORONA

VERTICAL DATUM NAVD88

COUNTY OF RIVERSIDE BM #601–34–69, A 2 1/2" BRASS DISK STAMPED "RIV. CO. B.M. 601–34–69 RESET 1975" SET IN TOP OF CONCRETE POST FLUSH WITH GROUND, LOCATED WWI W ALONG THE A.T.&S.F. RAILROAD LINE FROM WAY, RIV. CO., +/–48'S OF RAILROAD, +/–32' SE OF TELEGRAPH POLE #1 SSOM, +/–14' W OF THE CL PROLONGATION OF TEMESCAL ST +/–3' E OF 6' CHAIN LINK FENCE AND +/–' N OF TELEGRAPH GUY POLE WITH METER BOX

1988 ELEV=649.988 FEET NAVD88

HORIZONTAL DATUM NAD83, ZONE 6

NGS PID STATIONS AJ1887 AND AJ1896 EPOCH DATE 2000.35

ZONING DISTRICT

MIXED USE INDUSTRIAL/COMMERCIAL

LAND USE

EXISTING USE: BUSINESS PARK
PROPOSED USE: BUSINESS PARK

SERVICE PROVIDERS:

CORONA DEPT. OF PUBLIC WORKS	(951) 736–2261
CORONA DEPT. OF WATER & POWER	(951) 736–2321
SOUTHERN CALIFORNIA GAS	(909) 335–7733
SOUTHERN CALIFORNIA EDISON	(909) 930–8591
AT&T	(714) 688–5692
NEXTG NETWORKS	(909) 593–9700
TIME WARNER CABLE	(951) 547–3830
R.F. DICKSON STREET SWEEPING	(800) 841–7994
WESTERN WASTE	(951) 737–0343
CORONA DIAL–A–RIDE (SUPERVISOR)	(951) 734–1017
U.S. POSTAL SERVICE	(951) 737–0451
CORONA–NORCO UNIFIED SCHOOL DISTRICT	(951) 736–5340
SCHOOL DISTRICT TRANSPORTATION MANAGER	(951) 736–5305
RIVERSIDE TRANSIT AGENCY	(951) 684–0850
CORONA POLICE DEPARTMENT (FOR NOTIFICATION)	(951) 736–2330
CORONA FIRE DEPARTMENT (FOR NOTIFICATION)	(951) 736–2221
CROWN CASTLE ENG WEST (FIBER OPTIC)	(951) 736–2321

OWNER

CLOW VALVE COMPANY
1375 MAGNOLIA AVE.
CORONA, CA 92879
866–889–2411

ENGINEER

ARMSTRONG & BROOKS CONSULTING ENGINEERS
MAILING ADDRESS:
P.O. BOX 78088
CORONA, CA 92877–9998
OFFICE LOCATION:
1350 EAST CHASE DRIVE
CORONA, CA 92881
PH. (951) 372–8400 FAX (951) 372–8430
CONTACT: WILLIAM D. BROOKS

GEOTECHNICAL ENGINEER

GEOTECHNICAL PROFESSIONALS, INC.
5738 CORPORATE AVE.
CYPRESS, CA 90630
PH. (714) 220–2211
CONTACT: PAUL SCHADE, G.E.

ASSESSOR'S PARCEL NO.

107–030–022

LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS, ON THE WEST BY THE EASTERLY LINE OF THE PROPERTY SPUR OF THE ATCHINSON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84–227387 AND RE–RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85–028214 BOTH OF OFFICIAL RECORDS.

EARTHWORK QUANTITIES

NOTE: THE CONSTRUCTION QUANTITIES SHOWN ON THESE PLANS ARE FOR CITY FEE PURPOSES ONLY.
IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM INDIVIDUAL TAKEOFFS FOR BIDDING PURPOSES.

(PRELIMINARY QUANTITIES DO NOT INCLUDE SHRINKAGE FACTOR AND OVEREXCAVATION OVER THE SITE)

RAW CUT	582 CU. YDS.
RAW FILL	0 CU. YDS.
NET EXPORT	–582 CU. YDS.

SITE AREA

TOTAL AREA – 16.9 ACRES
DISTURBED AREA – 0.7 ACRES
TOTAL LOTS: 1
PARKING SPACES: N/A

SHEET INDEX:

TITLE SHEET 1
DEMOLITION PLAN 2
PRECISE GRADING & DRAINAGE PLAN. 3
EROSION CONTROL PLAN. 4

REGISTERED PROFESSIONAL ENGINEER WILLIAM D. BROOKS No. 53114 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

811 Know what's below. Call before you dig.

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING • ENGINEERING • SITE DEVELOPMENT
1350 EAST CHASE DRIVE • CORONA, CA 92881
MAIL: P.O. BOX 78088 CORONA, CA 92877–9998
T 951–372–8400 F 951–372–8430

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF WILLIAM D. BROOKS
Date 3/8/21 R.C.E. No. 53114

7023A, 05–138 D, 05–138P
90–113P, 97–502, 1971, C–1–116
Reference Plans for these Improvements

Date	By	REVISIONS	App'd

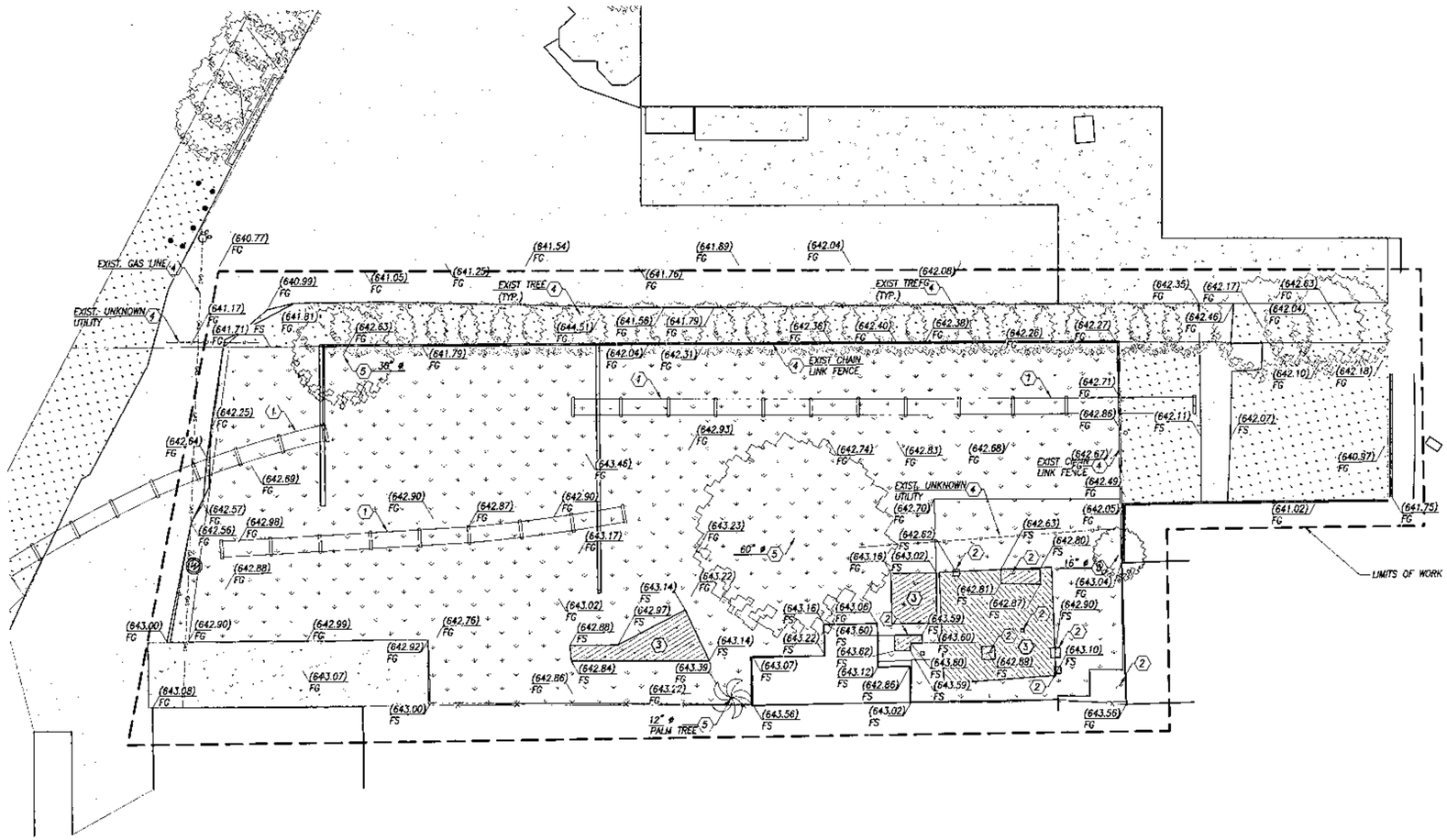
BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

Engineering JK 3/11/21
Planning LG
Fire

Approved By SAVAT KHAVP–OU City Engineer R.C.E. No 62095 Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
TITLE SHEET

PWGH2020-0025
Drawing No. 20-026P
Sh 1 of 4
24" x 36"



DEMOLITION NOTES

1	REMOVE EXIST. RAIL SPUR
2	REMOVE EXIST. CONCRETE PAD (6"± THICKNESS)
3	REMOVE EXIST. AC PAVEMENTS (3"±)
4	PROTECT IN PLACE EXIST. APPURTENANCE (AS LISTED)
5	REMOVE EXIST. TREE (DIA. PER PLAN)

EXIST. PCC	
EXIST. LANDSCAPE	
EXIST. AC	
EXIST. LANDSCAPING TO BE REMOVED	
REMOVE EXIST. AC	
REMOVE EXIST. PCC	

AC	ASPHALTIC CONCRETE
EXIST	EXISTING
FG	FINISH GRADE
FS	FINISH SURFACE
PCC	PORTLAND CEMENT CONCRETE

SCALE 1" = 20'

Know what's below. Call before you dig.

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING · ENTITLEMENTS · SITE DEVELOPMENT · WATER RESOURCES
P.O. BOX 1987 · CORONA, CA 92878-1987

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
Date 3-8-2021
WILLIAM D. BROOKS
R.C.E. No. 53114

Reference Plans for these Improvements: 7020A, 05-138 D, 05-138P; 90-138, 97-565, 1971, C 1-118

Date	By	REVISIONS	App'd

BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION

Scale AS SHOWN

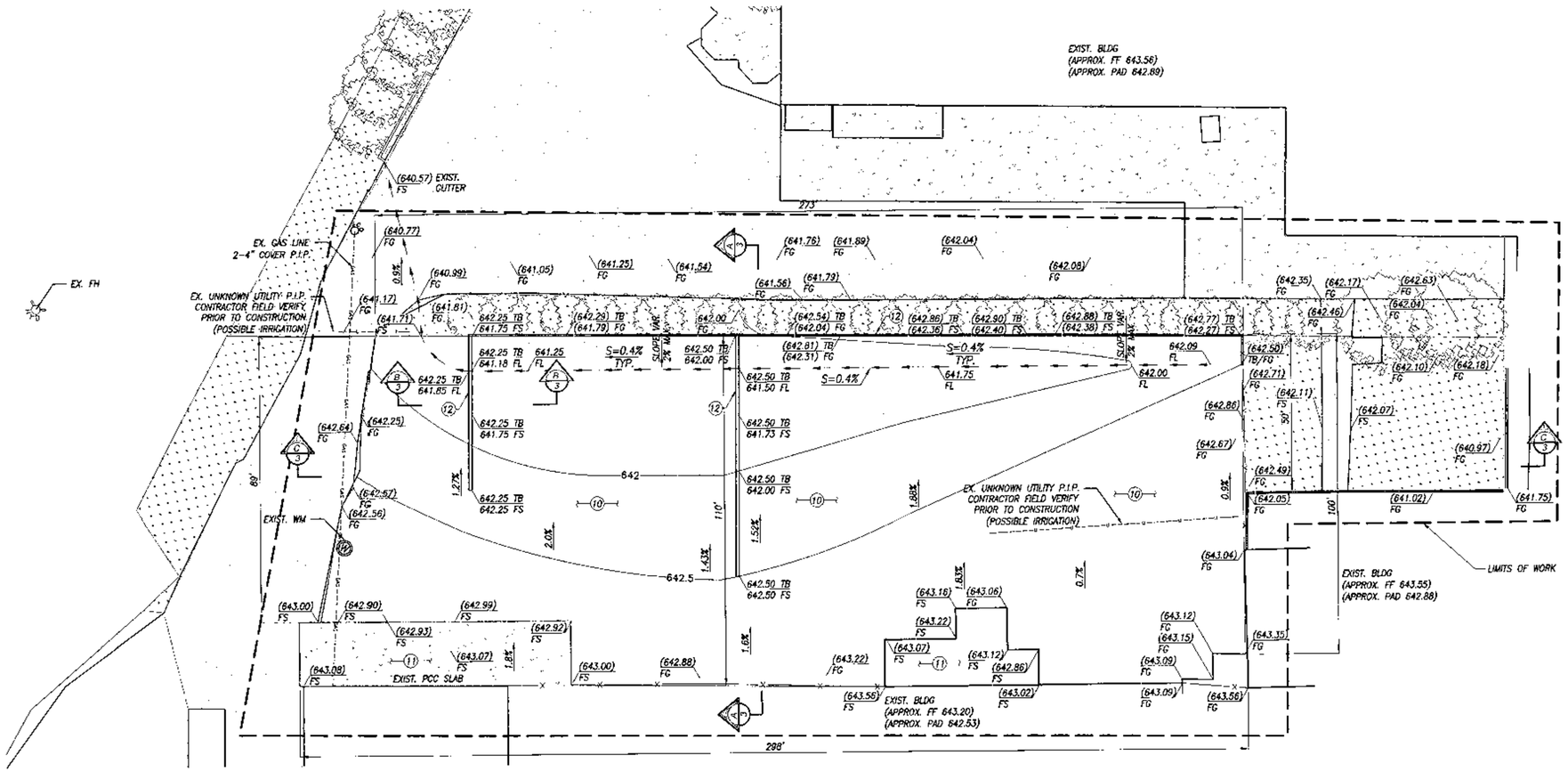
Engineering JK MH
Planning LG
Fire

Approved By
SAVAT KHAMPHOU
City Engineer
R.C.E. No. 62019
Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
DEMOLITION PLAN

PWGR2020-0025
Drawing No. 20-026P
Sh 2 of 4

24" x 36"



GRADING PLAN
1"=20'

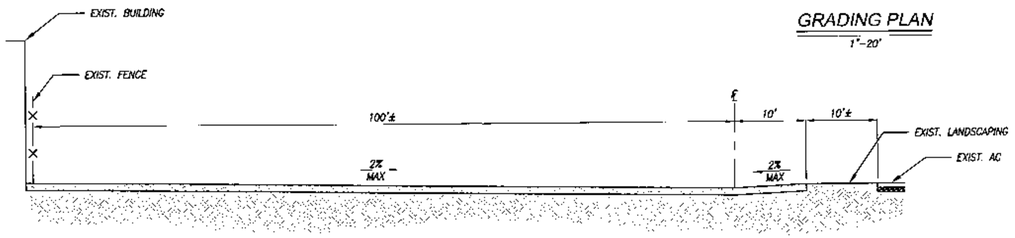
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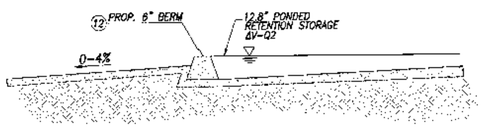
LEGEND

EXIST. PCC	
EXIST. LANDSCAPE	
EXIST. AC	
PROP. 3.5" AC PAVEMENT	

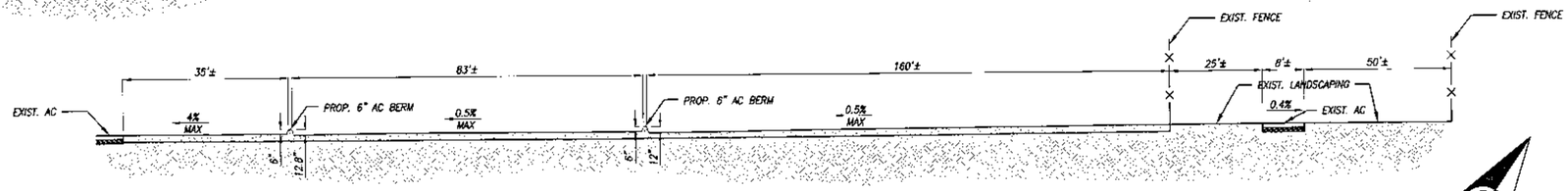
AC	ASPHALTIC CONCRETE
EXIST	EXISTING
FG	FINISH GRADE
FS	FINISH SURFACE
MAX.	MAXIMUM
PCC	PORTLAND CEMENT CONCRETE
RC	REINFORCED CONCRETE
TW	TOP OF WALL
TYP.	TYPICAL
VAR.	VARIABLE



SECTION A-A
NTS



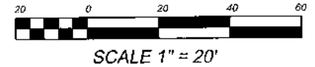
SECTION B-B
NTS



SECTION C-C
NTS







SCALE 1" = 20'

811 Know what's below. Call before you dig.

PWGR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING · SURVEYING · CIVIL · SITE DEVELOPMENT · WATER RESOURCES
26 E. 9TH STREET, SUITE 100, CLAREMONT, CA 91711
MAIN: P.O. BOX 2088, CLAREMONT, CA 91711-2088
T: 909-625-9400 F: 909-625-9496

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
WILLIAM D. BROOKS
Date 3-8-2021 R.C.E. No. 53114

7020A, 09-138, D. 05-138P
90-113P, 97-185, 1971, C-1-118

Reference Plans for these Improvements

Date	By	REVISIONS	App'd

BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION

Scale AS SHOWN

Engineering JK MH
Planning LG
Fire

Approved By
SAVAT KHAMPHOU
City Engineer
R.C.E. No 62019
Date 3/4/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
GRADING PLANS

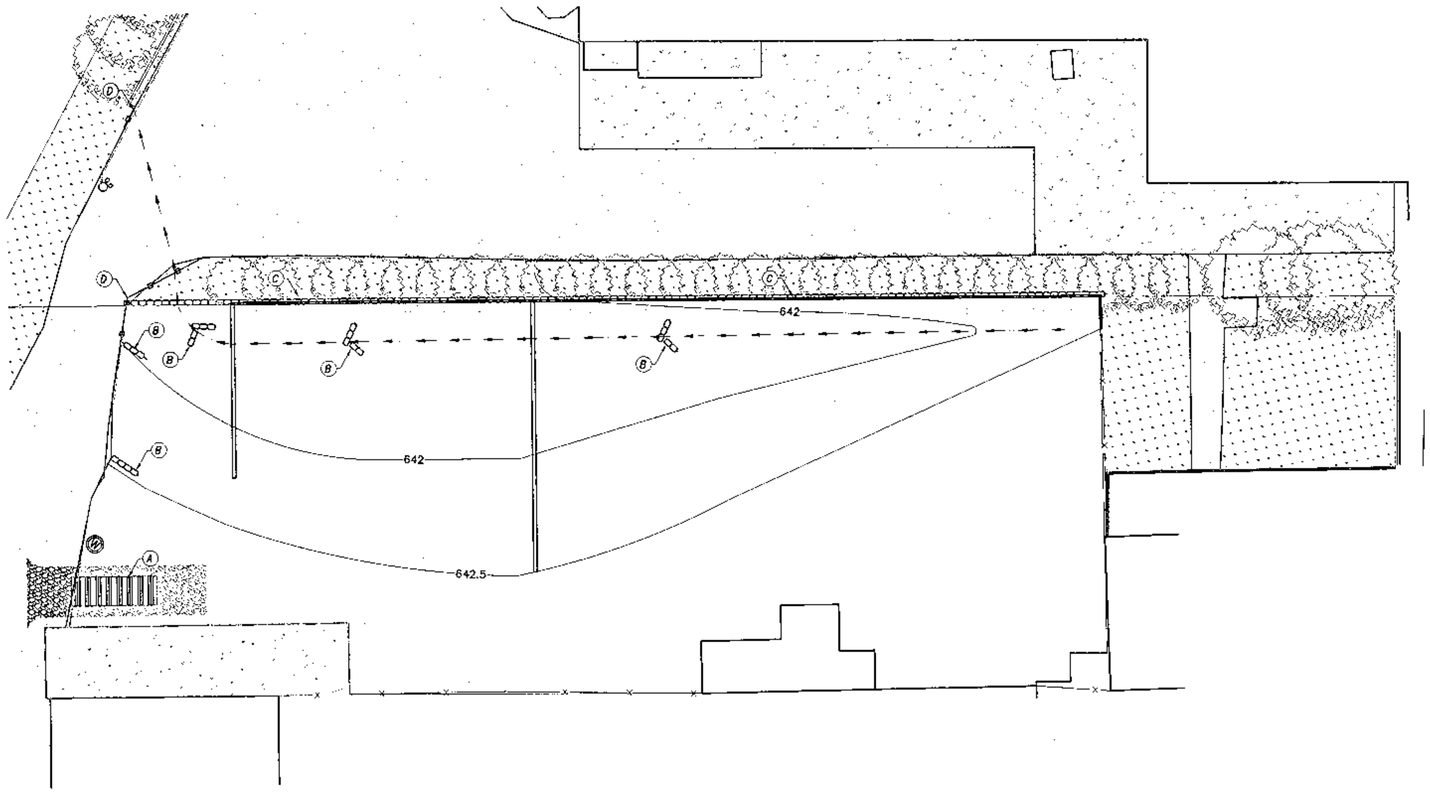
Drawing No. 20-026P
Sh 3 of 4

24" x 36"

EROSION CONTROL GENERAL NOTES:

1. EROSION CONTROL IS REQUIRED FOR GRADING OPERATIONS ON A YEAR ROUND BASIS. APPROVED PLANS ARE REQUIRED FOR ALL WORK REQUIRING A GRADING PERMIT.
2. IN CASE OF EMERGENCY CALL TIFFANY SMITH OF CLOW VALVE MANUFACTURING AT 317-364-0898.
3. THE ENGINEER OF RECORD WILL SUPERVISE EROSION CONTROL WORK AND INSURE THAT WORK IS IN ACCORDANCE WITH APPROVED PLANS.
4. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL
5. THE PUBLIC WORKS DIRECTOR RESERVES THE RIGHT TO MAKE CHANGES OR MODIFICATIONS TO THIS PLAN AS DEEMED NECESSARY.
6. STANDBY CREW FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS) OR TO REPAIR ANY DAMAGED BMP's WHEN RAIN IS IMMINENT.
7. AN EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED TO PREVENT AND/OR MINIMIZE THE TRANSPORT OF SOIL IN RUNOFF FROM DISTURBED SOIL AREAS ON THE CONSTRUCTION SITE AT ALL TIMES. IN ADDITION, BMPS SHALL BE INSPECTED PRIOR TO PREDICTED STORM EVENTS AND FOLLOWING STORM EVENTS. BMPS SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE CITY INSPECTOR.
8. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT, AS FORECASTED BY THE NATIONAL WEATHER SERVICE.
9. AFTER A RAIN EVENT EXCEEDING ONE-QUARTER INCH IN ANY 12 HOUR PERIOD, OR UPON DIRECTION OF THE PUBLIC WORKS DIRECTOR, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS, SILT FENCES, AND DESILTING BASINS; AND THE BASINS SHALL BE PUMPED DRY AND RESTORED TO ORIGINAL DESIGN CONDITION. ANY EROSION CONTROL MEASURES DAMAGED DURING A RAIN EVENT SHALL ALSO BE IMMEDIATELY REPAIRED.
10. DESILTING BASINS ARE TO BE CONSTRUCTED AS GRADING OF INDIVIDUAL GRADING AREAS ARE COMPLETE PER ROUGH GRADING PLANS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
12. AREAS SHALL BE MAINTAINED IN SUCH A STATE THAT FIRE ACCESS SHALL BE MAINTAINED AT ALL TIMES (INCLUDING ACCESS TO NEIGHBORING PROPERTIES).
13. GRADED AREAS AROUND THE SITE PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
14. TEMPORARY EROSION PROTECTION IS REQUIRED FOR MANUFACTURED SLOPES PRIOR TO PERMANENT PLANTING.
15. ALL DISTURBED SLOPES SHALL BE PLANTED AND PROTECTED WITHIN 45 DAYS OF THE COMPLETION OF EACH STAGE OF GRADING. SUITABLE MEASURES TO PREVENT SLOPE EROSION INCLUDING, BUT NOT LIMITED TO, RAPID GROWTH VEGETATION SUFFICIENT TO STABILIZE THE SOIL, SHALL BE INSTALLED ON ALL DISTURBED AREAS UNTIL SUCH TIME AS THE PERMANENT VEGETATIVE COVER SUFFICIENTLY MATURES TO PROVIDE PERMANENT STABILITY.
16. NO OBSTRUCTION OR DISTURBANCE OF NATURAL DRAINAGE COURSES OR EXISTING STORM DRAIN INLETS SHALL OCCUR DURING GRADING OPERATIONS, UNLESS ADEQUATE TEMPORARY/PERMANENT DRAINAGE FACILITIES HAVE BEEN APPROVED AND INSTALLED TO CARRY SURFACE WATER TO THE NEAREST PRACTICAL STREET, STORM DRAIN OR NATURAL WATER COURSE. ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST BE MAINTAINED IN A STATE TO ALLOW FOR CONTINUOUS FUNCTION.
17. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER THAT STORM RUNOFF WILL BE CONTAINED WITHIN THE PROJECT OR CHANNELED INTO THE STORM DRAIN SYSTEM WHICH SERVES THE RUNOFF AREA. STORM RUNOFF FROM ONE AREA SHALL NOT BE ALLOWED TO DIVERT TO ANOTHER RUNOFF AREA.
18. CONFORMANCE WITH THE REQUIREMENTS OF THESE PLANS SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TO THIS SITE AND ADJACENT PROPERTIES. DURING GRADING OPERATIONS, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO ADJACENT PROPERTIES. TEMPORARY DRAINAGE CONTROL SHALL CONSIST OF, BUT NOT BE LIMITED TO, CONSTRUCTING SUCH FACILITIES AND TAKING SUCH MEASURES AS ARE NECESSARY TO PREVENT, CONTROL AND ABATE WATER, MUD AND EROSION DAMAGE TO PUBLIC AND PRIVATE PROPERTY AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT.
19. FILL AREAS WHILE BEING BROUGHT UP TO GRADE AND DURING PERIODS OF COMPLETION PRIOR TO FINAL GRADE, SHALL BE PROTECTED BY VARIOUS MEASURES TO ELIMINATE EROSION AND THE SILTATION OF DOWNSTREAM FACILITIES AND ADJACENT AREAS. THESE MEASURES MAY INCLUDE, BUT SHALL NOT BE LIMITED TO: TEMPORARY DOWN DRAINS, EITHER IN THE FORM OF PIPES OR PAVED DITCHES TO DESILT RUNOFF; PROTECTION SUCH AS SAND BAGS AROUND INLETS WHICH HAVE NOT BEEN BROUGHT UP TO GRADE; AND EARTH BERMS AND APPROPRIATE GRADING TO DIRECT DRAINAGE AWAY FROM THE EDGE OF THE TOP OF SLOPES SHALL BE CONSTRUCTED AND MAINTAINED ON THOSE FILL AREAS WHERE EARTHWORK OPERATIONS ARE NOT IN PROGRESS.
20. CLEARING AND GRUBBING SHOULD BE LIMITED TO AREAS THAT WILL RECEIVE IMMEDIATE GRADING. EROSION CONTROL MEASURES WILL BE REQUIRED TO PROTECT AREAS WHICH HAVE BEEN CLEARED AND GRUBBED PRIOR TO GRADING OPERATION, AND WHICH ARE SUBJECT TO RUNOFF DURING A RAIN EVENT. THESE MEASURES MAY INCLUDE BUT SHALL NOT BE LIMITED TO: GRADED DITCHES; BRUSH BARRIERS AND SILT FENCES. CARE SHALL BE EXERCISED TO PRESERVE VEGETATION BEYOND LIMITS OF GRADING.
21. CONSTRUCTION SITES SHALL BE MANAGED TO MINIMIZE THE EXPOSURE TIME OF DISTURBED SOIL AREAS THROUGH PHASING AND SCHEDULING OF GRADING TO THE EXTENT FEASIBLE AND THE USE OF TEMPORARY AND PERMANENT SOIL STABILIZATION.
22. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO ELIMINATE OR REDUCE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND.
23. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT WIND OR RUNOFF DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJORNING PROPERTIES.
24. DISCHARGES OTHER THAN STORM WATER (NON-STORM WATER DISCHARGES) ARE PROHIBITED, EXCEPT AS AUTHORIZED BY AN INDIVIDUAL NPDES PERMIT, THE STATEWIDE GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY, OR OTHER APPLICABLE GENERAL NPDES PERMIT. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, SOLVENTS, DETERGENTS, GLUES, LIME, PESTICIDES, HERBICIDES, FERTILIZERS, WOOD PRESERVATIVES, AND ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; CONCRETE AND RELATED CUTTING OR CURING RESIDUES; FLOATABLE WASTES; WASTES FROM STREET CLEANING; SUPER-CHLORINATED POTABLE WATER FROM LINE FLUSHING AND TESTING, AND RUNOFF FROM EQUIPMENT AND VEHICLE WASHING. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ONSITE PHYSICALLY SEPARATED FROM POTENTIAL STORM WATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
25. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS
26. PAVED STREETS, SIDEWALKS AND OTHER IMPROVEMENTS SHALL BE MAINTAINED IN A NEAT CLEAN CONDITION, FREE OF LOSE SOIL, CONSTRUCTION DEBRIS AND TRASH. STREET SWEEPING OR OTHER EQUALLY EFFECTIVE MEANS SHALL BE USED ON A REGULAR BASIS TO CONTROL SILT THAT HAS BEEN DEPOSITED ON STREETS OR SIDEWALKS. WATERING SHALL NOT USED TO CLEAN STREETS.
27. DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING GROUNDWATER THAT HAS INFILTRATED INTO THE CONSTRUCTION SITE IS PROHIBITED. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS ALSO PROHIBITED. DISCHARGING NON-CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING ACTIVITIES MAY REQUIRE A NPDES PERMIT FROM THE SANTA ANA REGIONAL BOARD.
28. ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.

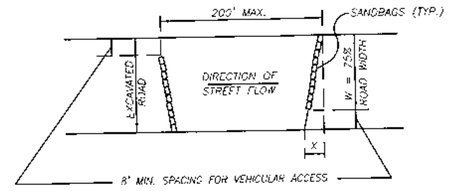
811 Know what's below. Call before you dig.



EROSION CONTROL PLAN
1"=20'

LEGEND

- EXIST. PCC
- EXIST. LANDSCAPE
- EXIST. AC
- PROP. AC
- SANBAGS
- SILT FENCE



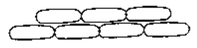
W	X
20'-30'	5
31'-40'	7
41'-50'	9
51'-60'	10.5
61'-70'	12

STREET	GRADE	LENGTH
200'	< 4%	
100'	4-8%	
50'	> 8%	

SANDBAG VELOCITY REDUCER (A)
NTS



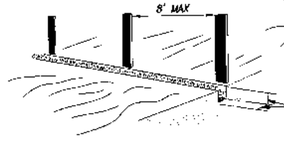
PLAN
NTS



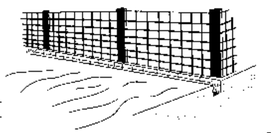
SECTION A-A
NTS

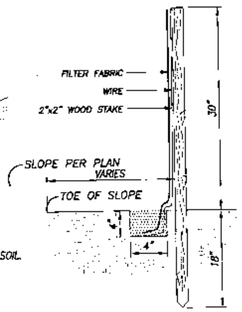
ECS 52 SANDBAGS (B)
NTS

1. SET POSTS AND EXCAVATE A 4" BY 4" TRENCH UPSLOPE FROM AND ALONG THE LINE OF POSTS (SEE SECTION D-D).



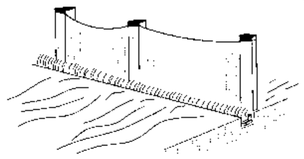
2. STAPLE WIRE FENCING TO THE POSTS.



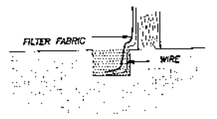


SECTION D-D
NTS

3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



SILT FENCE DETAIL (C)
NTS

EROSION CONTROL NOTES *ALL EROSION CONTROL MEASURES PER CA. STORMWATER BMP'S		QTY.	UNIT
(A)	INSTALL STABILIZED CONSTRUCTION ENTRANCE PER C.O.C. STD 225	1	EA.
(B)	INSTALL SANDBAG VELOCITY REDUCER PER DETAIL A	53	L.F.
(C)	INSTALL SINGLE ROW GRAVEL BAGS - 2 BAG HIGH PER DETAIL B	275	L.F.
(D)	INSTALL SILT FENCE PER DETAIL C	47	L.F.

NOTE: FINAL LOCATION OF EROSION CONTROL MEASURES WILL BE DETERMINED AT THE CONSTRUCTION MANAGER'S DISCRETION

REGISTERED PROFESSIONAL ENGINEER — WILLIAM D. BROOKS — No. 53114 — Exp. 6/30/21 — CIVIL — STATE OF CALIFORNIA

N

20 0 20 40 60

SCALE 1" = 20'

PWGR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS	Designed by W.D.B.	Drawn by R.R.T.	Checked by W.D.B.
PLANNING ENGINEERING CIVIL SURVEYING GEOLOGY WATER RESOURCES 1130 KANA ONASE DRIVE CORONA, CA 92881 MAIL: P.O. BOX 7385 CORONA, CA 92877-0385 P 951-272-5300 F 951-279-4280	PLANS PREPARED UNDER SUPERVISION OF WILLIAM D. BROOKS R.C.E. No. 53114 Date 3/2021	702CA, 05-138 D, 04-138P 90-1139, 97-568, 1971, C-1-138 Reference Plans for these Improvements	Date / By / REVISIONS / Appd

BENCH MARK: TBM ELEV.=803.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

Engineering JK MH
Planning LG
Fire

Approved By: SAVAT KHAMPHOU, City Engineer, R.C.E. No 62019 — Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
EROSION CONTROL PLAN

Drawing No. 20-026P
Sh 4 of 4

24" x 36"

APPENDICES

APPENDIX A

PROJECT HEALTH & SAFETY PLAN (HASP)

Corrective Measures Study
Clow Valve
1375 Magnolia Avenue
Corona, California

EarthCon Project No. 04.20150013.00

August 22, 2016
Revised October 2, 2017

Project Health and Safety Plan (HASP)

Project Name: Corrective Measures Study - Clow Valve
1375 Magnolia Avenue
Corona, California

Project Number: 04.20150013.00

Prepared by:	Jennifer McGervey EarthCon Consultants CA, Inc.	8/19/16
Project Manager:	Jeff Bennett, PG EarthCon Consultants CA, Inc.	8/19/16
Approved by:	J. Ryan Clarke EarthCon HASP Reviewer	08/20/2016

Brief Description of Amendment	**Amendment Date**
Update field scope to include capping; updated dust action level;	10/2/17
Update of EarthCon H&S personnel	10/2/17

Health and Safety Plan Consent Agreement

Because of the potentially hazardous nature of this site and activity occurring at the site, it is not possible to discover, evaluate, and provide protection for all possible hazards that may be encountered. Strict adherence to the health and safety guidelines set forth in this document will reduce, but may not eliminate, the potential for injury and illness at this site. Guidelines in this Plan were prepared specifically for this site and should not be used on any other site without prior evaluation by trained health and safety personnel.

Site workers must also review this HASP. The Site Safety Officer (SSO) must conduct a pre-work briefing prior to initiating this project. All sections of this HASP must be reviewed during this briefing and documented via **Appendix A**. Any worker not attending the initial meeting must be trained by the SSO on the information covered in the pre-work briefing meeting. ***The SSO must hold tailgate meetings at the beginning of each work shift to discuss important safety and health issues concerning tasks to be performed on that day.*** After reading the HASP and attending a pre-work briefing, workers must sign the following acknowledgment statement.

I have read, understand, and will abide by the information set forth in this HASP. I have also attended a pre-work briefing. I agree to perform my work in accordance with this HASP **(See Appendix F).**

Name (Print)		Signature	Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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Appendix B: Safety Data Sheet
Appendix C: Chemical Information
Appendix D: Hazard Mitigators
Appendix E: Personal Protective Equipment
Appendix F: Contractor and Outside Company HASP Consent Agreement
Appendix G: OSHA Onsite Training Document Form
Appendix H: Health & Safety Inspection Check list

1.0 HASP SUMMARY INFORMATION

The first phase of this project is anticipated to include the collection of soil samples, using a direct push drill rig, at a total depth of 10 feet below ground surface (ft bgs) and installation of two groundwater monitoring wells. The second phase is to implement the CMS activities which includes removing impacted soil, collection of soil confirmation samples, and capping the identified exposed surfaces. This HASP will be updated or amended, as necessary, to reflect any changes that may be encountered. Personnel responsibilities are described in **Table 1** and personnel training requirements are provided in **Table 2.**

Project Name…….	Corrective Measures Study
Project Location…..……..…….	Clow Valve 1375 Magnolia Avenue Corona, California (see Figures 1 and 2)
Project Number…….	04.20150013.00
Project Manager……	Jeff Bennett714-500-5400 ext.5454
Start Date / End Date	September 2016-October 2016
Site Safety Officer(s)…….	Tim Eyres
Client Contact	Larry Bowers 256-388-0001
Supervisor……...	Jeff Bennett 714-500-5400 ext. 5454
Regional Health & Safety Coordinator…..	Hugh Walker, Jr. – 662-871-8753 (Cell)
Planned Activities……..	Monitoring well install & sampling; soil sampling, capping
Chemical Hazards…….	PCBs, Lead, Cadmium, Arsenic, Diesel, Gasoline
Initial PPE……..	Level D
Emergency Phone……..	**911**
Hospital Information……	**(951) 737-4343** **Corona Regional Medical Center** **800 S Main St, Corona, CA 92882**

2.0 INTRODUCTION

This HASP serves the following purposes:

- Identifies and describes the potentially hazardous substances and working conditions that may be encountered during the field work;
- Specifies personal protective and monitoring equipment to be used during onsite activities; and
- Outlines measures to be implemented in the event of an emergency.

2.1 Site Location and Description

The Site is southwest corner of the intersection at 1375 Magnolia Avenue in Corona, California. **Figure 1** shows the site location. **Figure 2** provides a site layout for the facility. It is identified as Riverside County Assessor Parcel Number 107-030-022-3 and covers approximately 16 acres. Approximately 60% of the property is currently used for machining, product finishing and testing, and product storage. The remaining 40% includes asphalt-paved parking areas and unpaved areas. Unused foundry buildings, small offices and open areas are leased to other tenants.

2.2 Project Objectives

EarthCon will collect soil samples to assess the extent of soil contamination on-Site. The soil samples will be managed according to the workplan protocol.

EarthCon will provide oversight of advancement for well installation using a subcontracted drilling company. EarthCon will collect and manage water samples according to the workplan protocol.

EarthCon will provide oversight of the grading and asphalt cap placement associated with AOC-1 and AOC-5.

The ultimate objective is to conduct all activities in a safe and compliant manner.

2.3 Personnel Requirements and Responsibilities

Provisions of this HASP apply to all EarthCon personnel and subcontractors that will be participating in the above noted field activities. On-site personnel will be required to review the HASP prior to commencement of field activities and conduct all field activities in accordance with plan specifications. Other personnel on the site are expected to follow the provisions of the health and safety procedures outlined in this HASP as a minimum base standard but will retain full responsibility for the health and safety of their own employees or sub-subcontractors.

General safe work practices that must be implemented during work activities at this site are included in **Table 3**.

EarthCon considers each subcontractor to be an expert in all aspects of the work operations which they are tasked to provide, and each subcontractor is responsible for compliance with those regulatory and/or legal requirements which pertain to those services. While the EarthCon HASP will be the minimum H&S requirements for the work completed by EarthCon and its subcontractors, each subcontractor, in coordination with EarthCon's H&S personnel, is expected to perform its operations in accordance with its own H&S plans, policies and procedures unique to the subcontractor's work to ensure that hazards associated with the performance of the subcontractor's work activities are properly controlled. Copies of any required safety documentation for a subcontractor's work activities will be provided to EarthCon for review prior to the start of on-site activities. No review of any subcontractor plan or document by EarthCon will serve as an approval or ratification of such plan by or on behalf of EarthCon, and no such review will operate as any assumption of any duty or responsibility on the part of EarthCon (or any EarthCon employee or representative) for or as to any aspect of any subcontractor's own H&S responsibilities. Any comments or feedback from EarthCon to any subcontractor following any review by EarthCon of any subcontractor document or practice is provided solely for informational purposes and not for reliance.

In the event that the subcontractor's procedures/requirements conflict with requirements specified in this HASP, the more stringent guidance will be adopted after discussion and agreement between the subcontractor and EarthCon project H&S personnel. Hazards not listed in this HASP, but known to the subcontractor or known to be associated with the subcontractor's services, must be identified by the subcontractor and addressed to the EarthCon Project Manager prior to beginning work operations.

EarthCon personnel who have responsibility for the safe operations of this project include the Project Manager (PM), EarthCon Corporate Safety and Health Manager (CSHM), the Site Safety Officer (SSO) and the Project Field Staff. Responsibilities of each of the above referenced personnel as they relate to project safety and health are provided in **Table 1**.

2.4 Site Control

Site control procedures must be implemented **before** the start of site tasks to control worker exposures to hazardous substances. A Vicinity Map that shows the site location is included as **Figure 1**. A Site Layout Plan with proposed sampling locations is included as **Figure 2**. Changes may be made to the site map by the SSO, as needed, based on site conditions. The site map should be posted in the work area and/or field notebook.This site control program is designed to reduce the spread of hazardous substances from contaminated areas to clean areas, to identify and isolate contaminated areas of the site, to facilitate emergency evacuation and medical care, to prevent unauthorized entry to the site, and to deter vandalism and theft. The Site Safety Officer is responsible for evaluating site conditions and for verifying that the

site control program functions effectively. The site control program will be updated regularly to reflect current site conditions, work operations, and procedures.

2.4.1 Site Access

Access to the site shall be controlled using the following method(s):

☐	Security fence	☒	Temporary barricades and/or warning tape
☐	Sign in/Sign out log	☐	Guard
☐	Identification badges	☐	Other: Onsite Manager

2.4.2 Work Zones

Restricted work zones may be established to limit the spread of hazardous substances (when applicable) by workers from potentially affected areas to non-affected areas. The exact location and extent of the work zones will be modified as necessary as site investigation information becomes available. Delineation of work zones is as follows:

- Exclusion Zone: The Exclusion Zone is the area where the potential for exposure to hazards and contact with hazardous materials could occur. The zone may be marked by caution tape. Personnel working within the Exclusion Zone will be expected to follow protective measures as prescribed by the SSO.

- Contamination Reduction Zone: The Contamination Reduction Zone is a transition area between the potentially affected areas/materials and assumed non-affected areas/materials. Decontamination of personnel and equipment, if necessary, shall be conducted in this area to reduce the probability of contamination transfer to a non-affected area. The Contamination Reduction Zone shall be situated upwind of the Exclusion Zone.

- Support Zone: The Support Zone is the area, outside the Exclusion and Contamination Reduction Zone, where administrative and other project support functions are performed. The Support Zone shall be situated upwind of the Contamination Reduction Zone and/or the Exclusion Zone.

See Figure 2A for the location of the work zones.

2.4.3 Communications

Typical on-site communications may be conducted through the use of:

☒	Verbal		
☐	Two-way radio	☐	Horn
☒	Cellular telephone	☐	Siren
☒	Hand signals	☐	Other:_____

Off-site communications may be conducted through the use of:

☒ Cellular telephone: Verify cell phone reception in all work areas prior to starting work.
☐ Site Phone: Location & No. _____
☐ Pay phone: Location & No. _____
☐ Other: _____

Cell Phone reception should be verified throughout the site prior to commencing work.

2.4.4 Visitors

Visitors to the Site shall be continually escorted in order to assure their safety. Visitors will not be allowed past the Support Zone (if such a zone is established at this Site) unless they read, understand, sign, and abide by the requirements outlined in this HASP.

2.5 Worker Training

Table 2 will be used to document on-site workers who have received the appropriate training according to the company Environmental, Health, and Safety (EH&S) Training Program**. Table 2** must be completed prior to initiation of field activities. Pre-work briefing and routine tailgate meetings will be conducted to facilitate on-site training. Subcontractors must provide information requested in **Appendix G** prior to starting to work.

2.6 Safety Meetings

Project personnel who will be involved with on-site field activities must be appropriately trained in accordance with 29 CFR Part 1910.120 "Hazardous Waste Operations and Emergency Response". Before field work begins, the SSO will review the HASP with the field workers addressing the potential hazards associated with the proposed field activities. Components of the safety meeting will include, but will not be limited to, a review of the following:

- Location of sanitation facilities as seen on site plan.
- Potential chemical, operational and physical hazards present at the site.
- Personal protective equipment (PPE)/personal protection procedures.
- Hazardous materials handling procedures.
- Buddy system.
- Personal hygiene - general guidelines.
- Personal and equipment decontamination procedures.
- Emergency response procedures.
- Symptom awareness.
- Stop Work Authority

Periodic meetings with project personnel may be conducted by the SSO pending changes to the scope of work or modification to this HASP. To document the meetings, the SSO will complete

the Site Safety Meeting Minutes Form provided in **Appendix A**. Verification will be provided to the CHSM upon request.

2.7 Medical Monitoring Requirements

OSHA requires medical monitoring for personnel potentially exposed to chemical hazards at concentrations in excess of the PEL for more than 30 days per year and for personnel who must use respiratory protection for more than 30 days per year.

Will personnel working at this site be enrolled in a medical monitoring program? ☐**Yes** ☒**No**

Personnel who are diagnosed as having medical conditions which could directly or indirectly be aggravated by either exposure to chemical substances suspected of being present at the Site, or by the use of Personal Protective Equipment (PPE), will not be allowed to participate in field activities. In addition, personnel with injuries or illnesses involving open wounds may not be allowed on-site. Field personnel who develop an illness or injury during the project may be examined by a physician. A physician must determine if the employee is fit to return to work before they can return to field activities. In addition, the CHSM, SSO, or Site employees may request additional medical testing if a chemical exposure is suspected.

2.8 Hazard Communication Requirements

When chemicals are used on-site, EarthCon workers must adhere to the company's Hazard Communication Program (29 CFR §1910.1200). The following procedures must be followed for chemicals brought on-site (i.e., decontamination solution, sampling preservatives, etc.):

- Labels on incoming primary chemical containers must not be defaced (until after the container is empty, decontaminated and ready for disposal).
- Chemical containers must be stored in appropriate storage cabinets.
- Secondary containers and storage cabinets must be correctly and clearly labeled using the Hazardous Materials Identification System (HMIS).
- Incompatible chemicals must not be stored together.
- Workers must receive training on the hazards indicated in **Table 4.**
- Containers must be secured closed unless adding to or removing something from the container.
- Safety Data Sheets for the chemicals should be recent and are included in **Appendix B**.; they should be made available to workers upon request and applicable hazards covered during safety meetings.
- Workers must receive training on the hazards of the chemicals indicted in **Appendix C.**
- Include a safety training sign off sheet to document this training and provide a copy to the CHSM.
- Training on this information should be documented in **Appendix F**.

3.0 GENERAL PERFORMANCE REQUIREMENTS

General safe work practices that must be implemented during work activities at this site are included in **Table 3**.

3.1 Performance Requirements

- Workers are expected to show up alert and ready to work. No sleeping is allowed on the job.
- Any unsafe equipment, condition or work practice and injuries, no matter how slight, must be reported to the SSO immediately.
- Procedures for the proper set up and control of the worksite task area should be planned and implemented prior to starting individual tasks.
- Field personnel must have ready access to a telephone and a vehicle in case of emergency.
- Field personnel working in the Exclusion Zone are to work with another person at all times. The subcontractor's representative can serve as the second person while the work is being conducted in the field.

3.2 Hygiene Requirements

- Long hair will be secured away from the face so it does not interfere with any activities.
- Eating, drinking, chewing gum or tobacco, smoking, or any practice that increases the probability of hand-to-mouth transfer and ingestion of material is prohibited in any area designated as being potentially affected by site related chemicals.
- Hands and face must be thoroughly washed upon leaving the work area, and before eating, drinking, or other non-project activities.
- Personnel leaving potentially contaminated areas will shower (including washing hair) and change to clean clothing as soon as possible after leaving the site.
- Kneeling, sitting, leaning, or general contact with potentially affected surfaces or with surfaces suspected of being potentially affected by hazardous materials (i.e., puddles, mud, leachate, etc.) should be avoided.
- Medicine and alcohol can potentiate the effects of exposure to toxic chemicals. Neither should be taken by personnel if the likelihood of risk exists. Ingestion of alcohol during and immediately prior to field activities is prohibited.
- Sanitation facilities are provided on site. Potable water and restroom facilities are available and in accordance with 8 CCR 5192 for all employees and visitors.

4.0 HAZARD EVALUATION

A preliminary hazard evaluation was performed to identify existing site conditions and is documented in **Table 4**. The preliminary hazard evaluation addressed the following, where applicable:

- Identification of the suspected hazardous materials/wastes on-site;
- Toxicological aspects of the suspected hazardous materials on-site;
- Suspected chemical/elemental concentrations within the various media on-site;
- Inherent site hazards;
- Operational hazards; and
- Climate extremes.

Environmental site personnel have indicated fire, inhalation and skin absorption to pose a hazard on site. Reactivity including ionizing radiation is not of concern for the site due to past investigations and the operational history. All scrap steel and raw steel entering the site has been screened by radiation detection devices. Further information is documented in **Table 4**.

4.1 Suspected Chemical/Elemental Hazards

To select those contaminants that may cause health and safety concerns, henceforth referred to as potential Contaminants of Concern (COCs), a review of the site remediation and sampling history was performed. Based on this review, potential COCs were selected and are listed in **Table 5**. Chemical information for each of the potential COCs are provided in the NIOSH Pocket Guide pages located in **Appendix C**.

Information from the NIOSH Pocket Guide (e.g., flash point, water reactive, etc.) has been used in performing the chemical hazard analysis in **Table 5** (e.g., fire, inhalation, reactivity, and skin absorption hazards). If, based on the hazard analysis, chemical hazards exist, hazard mitigators must be implemented (**Appendix D**). In addition, air monitoring and personal protective equipment must also be used to evaluate airborne concentrations and protect workers.

After review of the relevant background information and data, if there is a potential for dermal and/or respiratory exposure to the materials or contaminants of concern, personnel shall perform the monitoring requirements summarized in **Section 5.2** and execute actions as appropriate. If action levels are exceeded, work shall be suspended until on-site conditions can be re-assessed and this HASP modified.

4.2 Operational/Physical Hazards/Biological Hazards

Potential operational/physical associated with tasks to be performed and the site have been analyzed in **Table 4**. If, based on the hazard analysis, these hazards exist; the hazard mitigators described in **Appendix D** must be implemented.

- **Utility (e.g., Electrical) hazards:** Utility hazards include buried cables, which pose a danger of shock or electrocution if workers or equipment contact or sever them during site operations. Onsite personnel are advised to pay special attention to the presence of utility hazards. Observe as built plans (if available) for the presence of underground hazards and advance the borings cautiously. A subsurface survey shall be conducted at each of the suspect locations, if necessary.

Lockout/Tag out procedures, in accordance with the EarthCon Lockout/Tag out Program, will be followed when working in the vicinity of electrical equipment. Electrical equipment will be considered energized unless tested and determined otherwise. Energized parts will be insulated or guarded from personal contact. Extension cords used with electrical tools will be the 3-wire type and connected to a ground fault circuit interrupter (GFCI). Wooden or fiberglass ladders will be used. Metal ladders will not be used in the work area.

- **Mechanical hazards:** Mechanical hazards include being struck by heavy equipment and being injured by excavation cave-ins. Onsite personnel are advised to stand at least 15 feet clear of heavy equipment and excavations, and wear appropriate protective equipment, including steel-toe boots and hard hats during the field activities. Fall, slip, and/or trip hazards exist when working with equipment and tools. Field personnel will observe walking surfaces in the work area to prevent tripping on equipment/tools placed on the ground. Good housekeeping will also be practiced. All walking surfaces with a drop of more than six feet will have fall protection devices. Fall protection devices may include adequate delineation of the excavation and trenches, guardrails, or climbing devices such as a harness and lanyard.

- **Noise Hazards:** Noise hazards may exist when working around heavy equipment. Loud noises interfere with communication and also lead to temporary and/or permanent hearing loss. Noise hazards may exist wherever heavy equipment such as loaders and any operating machinery, produce noise levels at or above the Action Level of 85 dBA for 8-hr Time Weighted Average (TWA). Noise in excess of 85 dBA may produce the following effects:

  1. Distraction, annoyance, or sudden surprise
  2. Inability to effectively communicate with co-workers
  3. Physical damage expressed initially as a Temporary Threshold Shift (TTS) and then, as a Permanent Threshold Shift (PTS), or immediately as a Permanent Threshold Shift if the impact noise is sufficient enough (usually greater than 100 dBA)

  Appropriate hearing protection must be utilized in areas of unacceptable noise levels.

If, based on the hazard analysis (**Table 4**), biological hazards exist associated with tasks to be performed and site location (e.g., allergic reactions to poisonous plants or insects indigenous to the area, etc.); hazard mitigators (**Appendix D**) must be implemented.

5.0 PERSONAL PROTECTION

5.1 Personal Protective Equipment (PPE)

The levels of personal protection required for each task are provided **in Appendix E.** This PPE is based on the hazards identified in **Section 4.** Required equipment and types of protective clothing materials are listed, as well as an indication of the initial level of protection.

Is there potential for a respirator to be donned during fieldwork? ☐Yes ☒No

It is not anticipated that the use of respirators will be needed, however during the drilling work and sampling the area will be monitored via dust particulate monitor (MiniRam or equivalent). If there is an indication that a respirator is required work will be halted until tasks have been re-evaluated and the HASP has been updated as needed.

The general use of PPE is acceptable when engineering controls cannot adequately eliminate the hazard. The use of PPE is intended to provide protection for on-site personnel from chemical, physical, and operational hazards that cannot be controlled through other safety procedures. Initially, Level D Protection will be employed by on-site personnel and will include varying levels of eye, head, body, hand, foot, and hearing protection.

Respiratory protection will not be required. However, if respirators are worn, workers must adhere to the company's Respiratory Protection Program (29 CFR §1910.134). **Table 2** should be used to provide a record of the site workers' last fit test. Beards (i.e., facial hair interfering with the respirator seal) are not allowed.

Acceptable PPE are further described below.

- Eye Protection: Eye protection will include the use of chemical splash goggles and/or face shields and impact resistant safety glasses with side shield protection that meet the current ANSI standard Z87.1.

- Head Protection: Non-metallic hard hats meeting the current ANSI standard Z89.1 will be worn by on-site personnel as required during field activities.

- Body Protection: Body protection will include the use of long sleeved shirt and pants work clothes.

- Hand Protection: Hand protection will include the use of nitrile gloves when hand contact with affected materials (e.g., groundwater and soil) may occur. Otherwise use work gloves of leather or other appropriate material.

- Foot Protection: Foot protection will include the use of impact resistant boots meeting the current ANSI standard Z41.1.

These levels shall only be downgraded upon approval by either the CSHM or SSO. Project personnel are not permitted to deviate from the specified levels of protection without prior approval of the SSO.

5.2 Personal Air Monitoring

Corrective measure activities may have the potential to generate dust; therefore, dust monitoring will be conducted on-Site. Airborne particulate concentrations will be measured with a portable particulate monitor (MiniRam or equivalent) to ensure compliance with the action levels (stop work level) and Cal OSHA Permissible Exposure Limits (PELs). The PELs for COCs potentially present on-Site, along with stop work levels are provided in Table 5.

According to calculations using the site specific maximum concentrations documented in **Table 5** and the OSHA Permissible Exposure Limit (PEL) for total dust, the only constituent of concern is lead. Total dust must measure below 6.8 mg per cubic meter (mg/m^3) to remain below the PEL for lead. However, at the direction of the DTSC the action level for total dust is 0.05 mg/m^3. A MiniRam will be on site at all times monitoring dust concentrations. The MiniRam is gravimetrically calibrated in mg/m^3using the standard SAE Fine (ISO fine) test dust. A zeroing kit will be present to accomplish zeroing in particle free air when on-site. In the case where dust levels measure over 0.05 mg/m3, work will be suspended and on-site conditions will be re-assessed.

5.3 Vehicle Safety

Vehicle safety requires the following:

- Vehicles are to be operated in a safe manner and in compliance with statutory traffic regulations and ordinances.
- Operators are to practice defensive driving and drive in a courteous manner.
- Operators are required to have a valid driver's license and liability insurance (per local/state laws).
- Seat belts are to be worn by the driver and passengers.
- No persons are allowed to ride in the back of any trucks or vans.
- Vehicles are to be driven in conformance with local speed limits.
- Personnel who are impaired by fatigue, illness, alcohol, illegal or prescription drugs, or who are otherwise physically unfit, are not allowed to drive.
- Personnel are to avoid using cellular phones or engaging in other distractions while driving.
- Vehicles should be maintained in a safe and clean condition.
- Field vehicles should be equipped with the following items; first-aid kit, fire extinguisher, spares tire and jack.
- Motor vehicle accidents shall be reported to the responsible law enforcement agency (when appropriate), the EarthCon CHSM, the EarthCon HR Director, the SSO and the EarthCon PM.
- Daily and monthly check lists to verify safe operations have been generated and should be utilized prior to operating a vehicle.
- If the site has specific driving rules, these should be reviewed and adhered to.

5.4 Illumination

Work will be completed during daylight hours only. This will ensure all work is done in accordance with 8 CCR 5192(m) illumination requirements.

6.0 DECONTAMINATION

The following decontamination (cleansing) procedures for the sampling equipment and PPE have been developed with the intent of reducing the potential for the transfer of hazardous chemicals.

6.1 Sampling Equipment

To reduce the potential for the distribution of contaminants or cross contamination of samples, the following procedures will be used. Decontamination of the sampling equipment will include washing the equipment in a detergent solution (Liqui-nox and water), rinse with potable water, rinse with organic-free/distilled water, and allow to air dry. Disposable equipment will be used when practical to eliminate the need for on-site decontamination.

6.2 Personnel and PPE

During this project the goal will be to use disposal PPE (nitrile gloves), therefore no PPE decontamination will be required. If this cannot be accomplished, PPE must be decontaminated (cleaned) per 29 CFR §1910.120(k). In an emergency, the primary concern is *to prevent the loss of life or severe injury to site personnel. If immediate medical treatment is* required to save a life, decontamination should be delayed until the victim is stabilized. If decontamination can be performed without interfering with essential life saving measures or first-aid, or if a worker has been contaminated with an extremely toxic or corrosive material that could cause severe injury or loss of life, decontamination must be performed in coordination with or prior to initial medical treatment at the scene.

Decontamination of PPE (e.g., gloves) shall be accomplished by passing personnel through appropriate stages of contamination reduction and removing contaminated clothing and equipment in decreasing order of the degree of potential contamination. Personnel who have entered areas suspected of containing hazardous materials (i.e., the Exclusion Zone) will be subjected to decontamination. The personnel decontamination corridor may be comprised of the following procedural stages. These stages/procedures are listed sequentially below.

Stage No. 1: Segregated Equipment Drop – Personnel will brush off loose dirt and wash off remaining soil, sediment, and dirt from clothes and shoes upon completion of sampling and field work. Equipment and consumables that require either disposal or special handling (e.g., special and/or equipment decontamination) shall remain in this area and be decontaminated, if appropriate, or disposed of with the excavated materials or other potentially contaminated materials.

Stage No. 2: PPE Decontamination - PPE that has been potentially contaminated will be washed with a TSP and water mixture followed by a water rinse.

Stage No. 3: General Field Wash - Personnel shall wash and rinse face and hands with soap and water before leaving the site and/or eating. If a change of clothing is necessary, it shall be done at this time.

6.3 Decontamination Fluids and Investigation-Derived Waste Disposal

Decontamination water and drill cuttings will be placed in appropriate containers. Disposal methods will be determined after characterizations have been completed. Solid waste generated during decontamination and field activities (i.e., paper towels, plastic tarps, used PPE) will be removed from the Site and disposed as refuse/trash.

6.4 Vehicles

Typically, vehicles will not be allowed inside the exclusion zone. If vehicles are required in the exclusion zone (e.g., drill rigs) the following procedures will be used. Personnel will wash or remove boots and change to dry clothing prior to vehicle entry. Non-disposable equipment will be washed or bagged before placement into field vehicles. Drill rigs will be decontaminated with detergent solution and rinsed with water before leaving the exclusion zone.

7.0 EMERGENCY PROCEDURES

A list of Emergency Response contacts and telephone numbers for applicable local off-site emergency responders is provided in **Table 6**. The following emergency response equipment is required for this project:

☒ Fire Extinguisher(s): ☐ Type A ☐ Type B ☐ Type C ☒ Type ABC
☒ Air Monitoring: ☐ PID ☐ Air Sampling Pumps ☐ CG/O2 meter
☒ MiniRam ☐ H2S Meter ☐ Radiation Meter
☐ Draeger Pump w/ Sample Tubes ☐ Other:
☒ Eyewash (Note: portable eyewash bottle)
☐ SCBA
☒ First Aid Kit
☐ Shower (Note: for acids and caustics)
☐ Personal Flotation Device(s)
☐ Windsock
☐ Stop Watch &Thermoscan for Measuring Heart Rate and Heat Stress
☐ Global Positioning System
☐ Other:

As a minimum, the project shall have the following equipment available during field activities:

- A first aid kit (mandatory, including adhesive Band-Aids, gauze, tape, gloves, CPR shield, triangle bandage) shall be available in the Support Zone at all times.

  Check additional items required for the site.

  ☐ Emergency Blanket ☒ Sunscreen (as needed)

  ☒ Insect Repellent (as needed) ☐ Other: ointment for poison plants and insect bites_____

- Copious amounts of cool potable water shall be readily available for both drinking purposes and for personal hygiene purposes (e.g., washing, rinsing, and cooling of face and body, etc.).
- Emergency references (e.g., nearest phone, emergency phone numbers and services, etc.) shall accompany the first aid kit.
- Communication equipment such as a cellular phone will be accessible in case of an emergency.
- A vehicle shall be easily accessible for transport/emergency.

The emergency response communication system for the site is:

- ☒ Verbal
- ☐ Two-way radio
- ☒ Hand signals: Hand gripping throat ="Out of Air, Can't Breathe"
  Grip partner's wrist or both hands around waist ="Leave area immediately"
  Hands on top of head ="Need assistance"
  Thumps up ="OK; I am all right; I understand"
  Thumps down ="No; negative"
- ☐ Horn
- ☐ Siren
- ☒ Other: Cellular Phone

If an on-site emergency develops, the procedures outlined in **Table 7** shall be followed immediately.

7.1 Natural Disasters

In the event of emergency conditions associated with natural disasters, such as severe weather, site personnel will remain calm, turn off equipment and ignition sources, and move away from buildings, cranes, and overhead utilities. Following an emergency, personnel will proceed to a designated meeting place. The SSO will take a head count to ensure that all personnel are present. Crews must remain together until accounted for. The SSO will assess any injuries and the need for emergency assistance.

7.2 Workplace Violence

If any employee or visitor is confronted by a potentially hostile person, he/she will remain calm and refrain from further aggravating the individual. Site personnel should contact the SSO. Protocol established by the site will be followed or local police will be contacted for assistance when needed.

8.0 SHIPMENT OF RESTRICTED ARTICLES

Federal laws and international guidelines place restrictions on what materials may be shipped by passenger and cargo aircraft. In the course of field activities, the following items may be shipped to and from the site in the following manner.

Item	Hazardous Constituent	Quantity	Packaging	How Shipped
Soil samples	*NA	5	8 oz. glass jar with Teflon lid. Laboratory provided	EarthCon Personnel

Item	Hazardous Constituent	Quantity	Packaging	How Shipped
Groundwater Samples	HCL & HNO3 – lab preservatives	3	VOAs and HDPE laboratory provided containers	EarthCon Personnel

*soil samples do not have preservatives

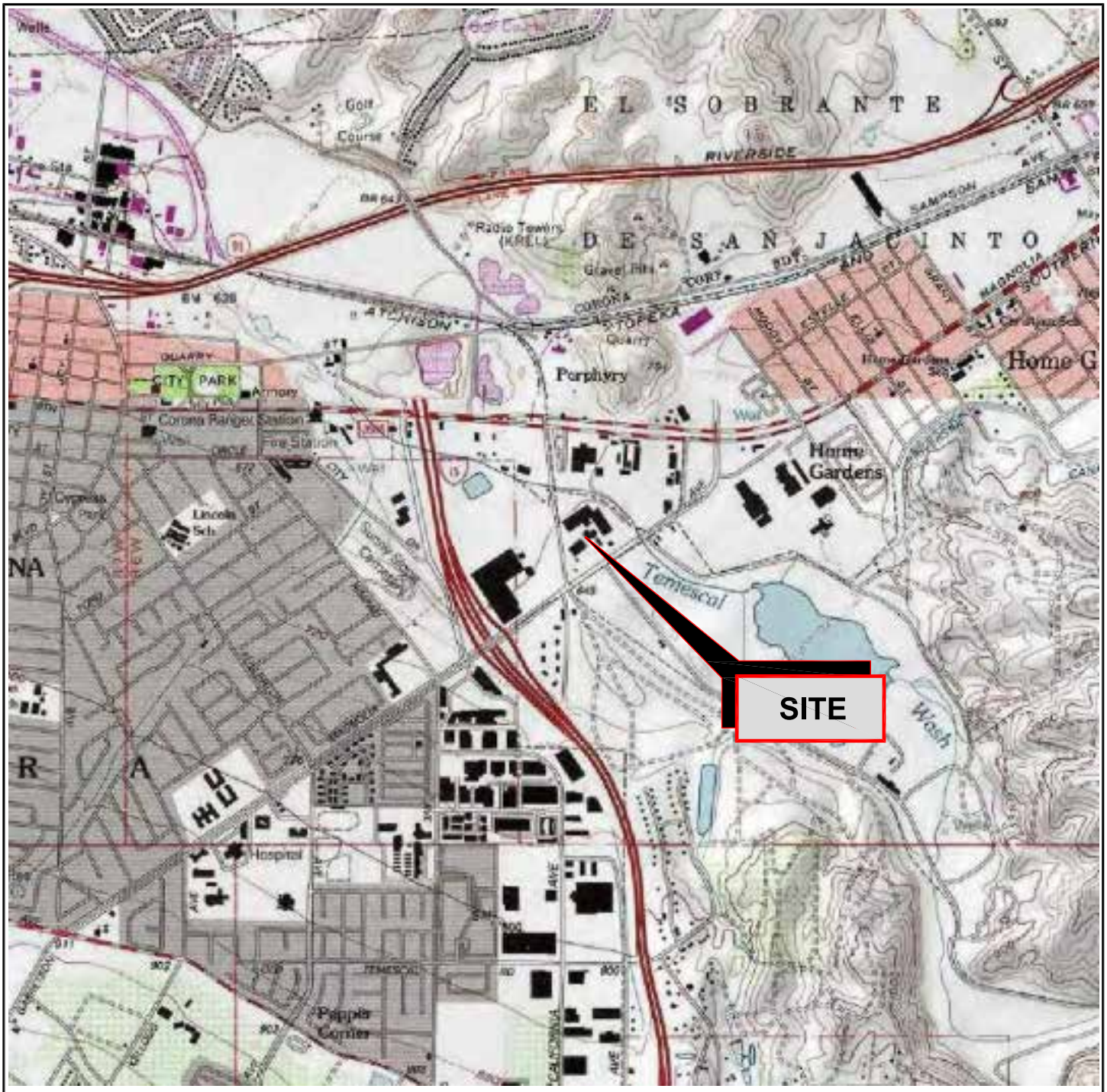
9.0 SPILL CONTAINMENT

An evaluation was conducted to determine the potential for hazardous substance spills at this site. That evaluation indicates that there is no potential for a hazardous substance spill of a sufficient quantity to require containment planning, equipment, and procedures. For that reason, no spill containment program is implemented at this site. Employee training on how to respond and take protective measures during incidental releases of hazardous substances are provided consistent with the Hazard Communication Standard, 29 CFR 1910.12

Incidental spills are different from emergency releases. Incidental spills can safely be absorbed, neutralized, or otherwise controlled by EarthCon employees or contractors with the appropriate training.

Figure 1

Vicinity Map



FROM: U.S. GEOLOGICAL SURVEY, 1997
QUADRANGLE: CORONA SOUTH
COUNTY: RIVERSIDE
SERIES: 7.5-MINUTE QUAD

NOTE: ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE

N
W E
S

0 2000 Feet
SCALE

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVENUE, SUITE 102, ORANGE, CA 92868

VICINITY MAP

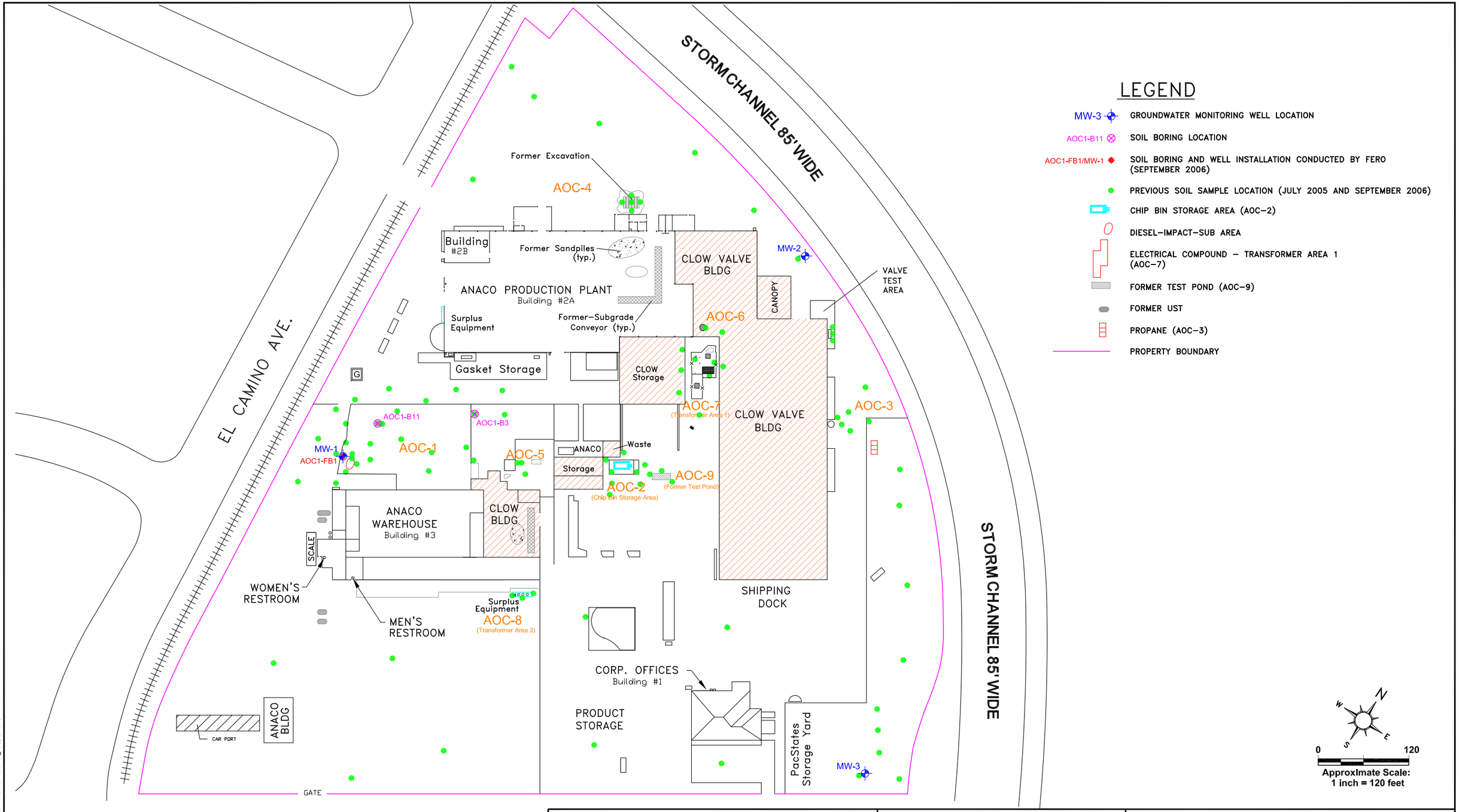
DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	12/30/15	1

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE 1375 MAGNOLIA AVENUE, CORONA, CA_VICINITY MAP

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Figure 2

Site Plan



LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY

N W E S

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON

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1914 W. ORANGEWOOD AVE., SUITE 102, ORANGE, CA 92868

SITE PLAN

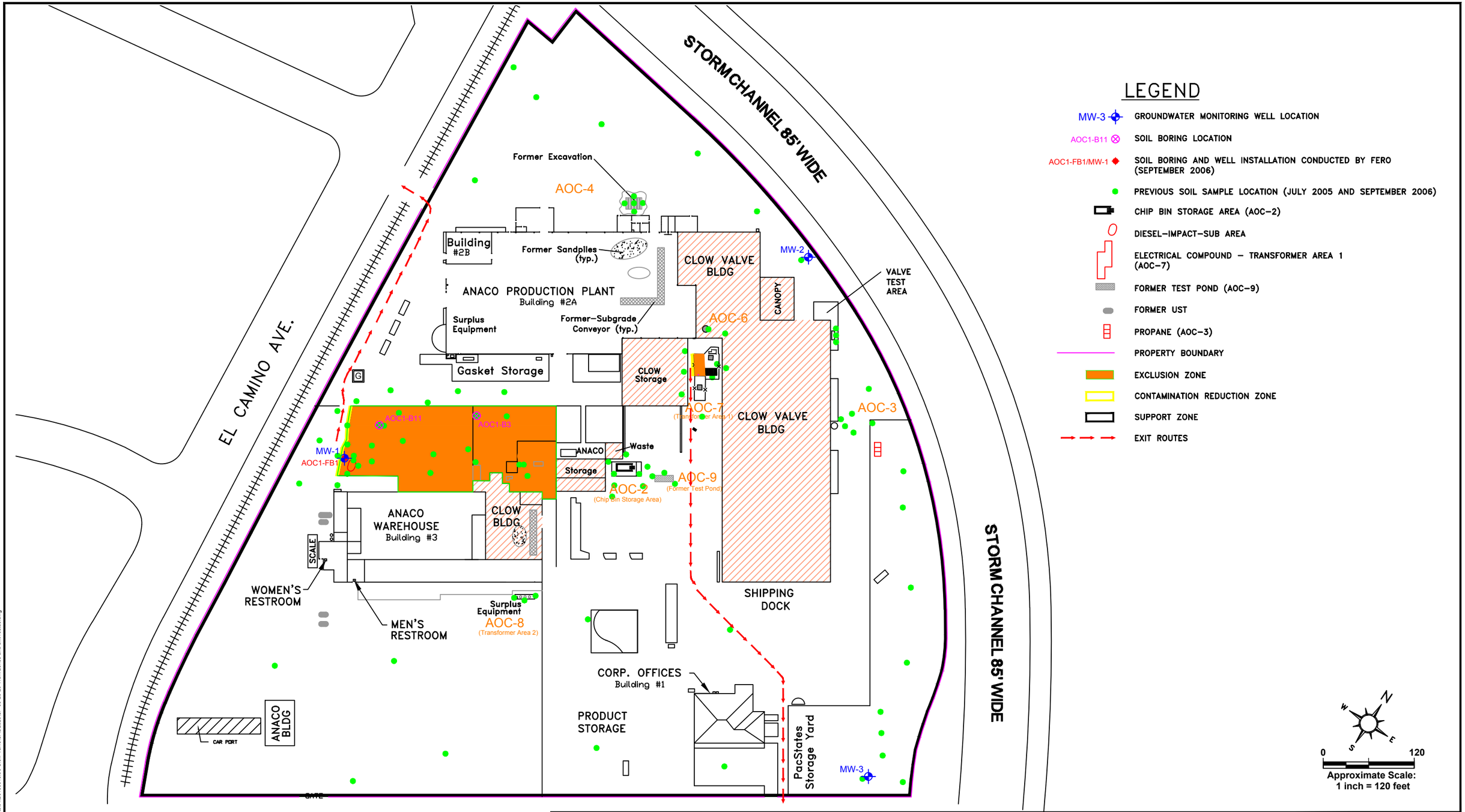
DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	09/07/17	2

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE\SP 09-07-17_F2 SITE PLAN

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Figure 2A

Site Plan with Work Zones and Exit Routes



LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY
- EXCLUSION ZONE
- CONTAMINATION REDUCTION ZONE
- SUPPORT ZONE
- EXIT ROUTES

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

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SITE PLAN WITH WORK ZONES AND EXIT ROUTES

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	03/26/20	2A

FILENAME: S:\Common\Orange\CAD\Projects\04.20150013.00-Clow Valve\CAD\2020\SP 03-26-20-Work zones and exit routes.dwg

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Figure 3

Hospital Location Map

8/19/2016 1375 Magnolia Avenue, Corona, CA 92879 to Corona Regional Medical Center - Google Maps

Google Maps 1375 Magnolia Avenue, Corona, CA 92879 to Corona Regional Medical Center Drive 2.4 miles, 8 min



1375 Magnolia Avenue

Corona, CA 92879

Head southwest on Magnolia Ave toward Sherborn St

0.1 mi

Turn right onto El Camino Ave

0.4 mi

Turn left onto E 6th St

1.6 mi

Turn left onto S Main St

0.2 mi

Corona Regional Medical Center

800 South Main Street, Corona, CA 92882

Table 1

Key Personnel and Health & Safety Responsibilities

Project Manager (PM) Jeff Bennett	**Regional H&S Coordinator** Hugh Walker	**Site Safety Officer (SSO)** Lindsey Langer/Jenn McGervey	**Project Field Staff** Lindsey Langer/Jenn McGervey
• Coordinate, approve, implement and manage this HASP and amendments, if any. • Incorporate H&S planning, implementation, and supplies (PPE, decontamination materials) into project plans and budget. • Select and assign responsibility to the SSO to implement HASP. • Monitor the Field Logbooks for health and safety work practices employed. • Coordinate with SSO so that emergency response procedures are implemented, if needed. • Inform CSHM of HASP violations, if any, and verify corrective actions are implemented. • Ensure personnel receive this plan, are aware of its provisions, are aware of the potential hazards associated with site operations, are instructed in safe work practices, are familiar with emergency response procedures and document this information • Coordinate with Client and SSO. • In the event of an incident or other emergency complete & submit appropriate forms and make proper notifications.	• Review and approve HASP; approve any associated amendments. • Evaluate documentation presented of site hazards for HASP preparation. Maintain a final copy of the completed HASP. • Perform periodic audits of documentation of project activities to evaluate general compliance with policies, procedures, directives and guidelines presented in this HASP. • Assist with the implementation of the Corporate Health and Safety Program. • Provide environmental, health and industrial hygiene consultation as needed. • In the event of an emergency, if required set up an incident investigation team and notify applicable outside agencies.	• Be present on-site, as appropriate, with the authority to implement HASP and EarthCon H&S protocols. • Confirm that site personnel meet the training and medical requirements. • Verify that monitoring equipment and personal protective equipment is operating correctly according to manufacturer's instructions and such equipment is utilized by on site personnel. Calibrate or verify calibration of monitoring equipment and record results. • Verify that decontamination procedures are being implemented and Site Control Plan is in place. • Provide and document pre-work briefing and daily tailgate safety meetings, monitor activities for safe work practices and HASP compliance. • Perform routine H&S inspections. Document meetings and inspections. Provide copies to CHSM as requested. • Report to the Project Manager deviations from the anticipated conditions, and authorize the cessation of work if necessary. • Notify the PM and CSHM in the event an emergency occurs, and implement site emergency response and follow-up procedures, provide First Aid, as needed. • Work with PM to verify appropriate notifications and forms are completed for any incident or near miss. • Secure the scene after an emergency until given notification to release the scene by the CHSM.	• Provide verification of required health and safety training and medical surveillance prior to arriving at the site. • Notify the SSO of any special medical conditions (e.g., allergies). • Review, be familiar with and abide by the HASP. • Attend pre-work briefings and daily tailgate safety meetings. • Comply with requests of PM, SSO, and HASP. • Perform work using safe techniques; be responsible for their personal safety. • Immediately report any accidents and/or unsafe conditions to the SSO.

Table 2

Training / Medical Surveillance / Respirator Fit Test Records

Name	*EHS Category*	*Initial 40-Hour*	*Annual 8-Hour Refresher*	*8-Hour Supervisor (if applicable)*	*CPR/ First Aid[1] (initial or refresher)*	*Medical Surveillance[2] (if applicable)*	*Annual Respirator Fit Test[3] (if applicable)*	*Other:[4]*
		Date	***Date***	***Date***	***Date***	***Date***	***Date***	***Date***
Jeff Bennett	I	1990	1/2017	6/1990	1/2016	N/A	N/A	---
Jenn McGervey	I	8/2015	1/2017		1/2016	NA	NA	---
Lindsey Langer	I	8/2019						

Footnotes:

1 CPR Refresher: every year; First Aid Refresher: every three years.
2 Annual Medical Surveillance for EHS Category I.
3 For EHS Categories I & II only.
4 Could include task-specific training, project-specific training, or project-specific medical surveillance.

Table 3

General Safe Work Practices

- Report to work alert and ready to perform assigned duties; no sleeping is allowed at the jobsite.
- Immediately report any unsafe acts, incidents, accidents, or near misses. Utilize Stop Work Authority if needed.
- Minimize contact with excavated or contaminated materials. Do not place equipment on the ground. Do not sit or kneel on potentially contaminated surfaces.
- Smoking, eating, or drinking after entering the work zone and before decontamination is prohibited. Use of illegal drugs and alcohol are prohibited. Workers taking prescribed medication that may cause drowsiness should not be operating heavy equipment, and should be prohibited from performing tasks where Level C, B, or A personal protective equipment is required.
- Practice good housekeeping. Keep everything orderly and out of potentially harmful situations.
- Use of contact lenses on-site shall only be allowed when dictated by working conditions.
- The following conditions must be observed when operating a motor vehicle.
  - Wearing of seat belts is mandatory
  - During periods of rain, fog, or other adverse weather conditions, the use of headlights is mandatory
  - A backup warning system or use of vehicle horn is mandatory when the vehicle is engaged in a backward motion
  - Posted traffic signs and directions from flagmen must be observed
  - Equipment and/or samples transported in vehicles must be secured from movement
  - The use of contractor acquired vehicles by non-contractor personnel is prohibited
  - Daily inspection sheets should be completed by driver and kept with equipment for the duration of the project.
- In an unknown situation, always assume the worst conditions.
- Be observant of your immediate surroundings and the surroundings of others. It is a team effort to notice and warn of impending dangerous situations. Withdrawal from a hazardous situation to reassess procedures is the preferred course of action.
- Conflicting situations may arise concerning safety requirements and working conditions and must be addressed and resolved rapidly by the SSO and PM to relieve any motivations or pressures to circumvent established safety policies.
- Unauthorized breaches of specified safety protocol must not be allowed. Workers unwilling or unable to comply with the established procedures must be removed from the site immediately.

Table 4

Hazard Analysis

Tasks	
① Capping	⑤
② Soil Sampling	⑥
③ Well Installation	⑦
④ GW Sampling	⑧

	①	②	③	④	⑤	⑥		
I. Chemical Hazards								
Fire	X	X	X	X				
Inhalation	X	X	X	X				
Reactivity								
Skin absorption	X	X	X	X				
Cold Stress	X	X	X	X				
Compressed Gas Cylinder								
Drowning								
Drum Handling	X	X	X	X				
Electrocution	X	X	X	X				
Excavation/Trenching			X					
Eye Injury	X	X	X	X				
Hand/Foot Injury	X	X	X	X				
Heat Stress	X	X	X	X				
Heavy Equipment	X		X					
Lifting Heavy Loads	X		X					
Noise	X		X					
Portable Power/Hand Tool	X	X	X	X				
Radiation Exposure								
Slipping/Tripping/Falling	X	X	X	X				
III. Biological Hazards								
Poisonous Plants								
Insect/Vermin/Snake Bites								
Medical Waste								

Instructions: For each task, place an "X" in the blank corresponding to associated hazards.

Table 5

Potential Contaminants of Concern

Contaminant	***IP(eV)***	***REL** (ppm) or **PEL*** (mg/m3)	***IDLH*** (mg/m3)	***LEL/UEL %***	***Flash Point (°F)***	***Routes of Exposure***	***Hazards***	***Medium***[1]	***Maximum Concentration***[2]
Total Dust	--	0.05	--	--	--	--	--	soil/dust	--
PCBs	N/A	PEL – 1.0 TWA	5	N/A	N/A	Skin, Inhalation, Ingestion	C	soil	1,400 mg/kg
Lead	N/A	PEL – 0.05 TWA	100	N/A	N/A	Skin, Inhalation, Ingestion	C	soil	7,360 mg/kg
Cadmium	N/A	PEL - 0.005 TWA	9	N/A	N/A	Skin, Inhalation, Ingestion	C,T	soil	43.9 mg/kg
Arsenic	N/A	PEL - 0.01 TWA	5	N/A	N/A	Skin, Inhalation, Ingestion	C,T	soil	52.90 mg/kg
Diesel	--	REL – 100TWA	--	0.6/6.5	125.6	Skin, Inhalation, Ingestion	F,C,Co	soil	9,300 mg/kg
Gasoline	'--	None cited/300	--	1.4/7.6	-45	Skin, Inhalation, Ingestion	F, C, Co	soil	1,300 mg/kg

-- - none established *IDLH* - immediately dangerous to life and health *R* - reactive *C* - carcinogen *O-Oxidizer*
IP(eV) - ionization potential *PEL* - permissible exposure level *SC* - suspected carcinogen *Co* - corrosive
E- explosive *STEL* - short term exposure level *F* - flammable *NA* - not applicable
P- poison *V* - varies depending on compound mixture ND – Not determined

Footnotes:

[1] Indicate type of medium (i.e. soil, water, sludge, etc.).

[2] Indicate the maximum concentration detected for the contaminant

Table 6

Emergency Response Contacts

Name	*Telephone Numbers*		*Date of Pre-Emergency Notification*
	Office	*Mobile*	
Fire Department	**911**	NA	NA
Hospital – Corona Regional Medical Center	**911** or (951) 737-4343	NA	NA
Police Department	**911**	NA	NA
Site Safety Officer – Lindsey Langer	--	562-322-7934	NA
Project Manager – Jeff Bennett	714-500-5400 ext 5454	714-743-0482	NA
Regional Manager – Larry Lew	281-240-5200 X 2761	713-829-3215	NA
Corp. HR Manager – Glenda Croft	770-973-2100 x2870	NA	NA
Regional Health & Safety Coordinator – Julia Wlson	281-240-5200 X 2705	551-486-4382	NA

NA – Not applicable in general or for the level of hazard at this Site.

WRITTEN DIRECTIONS TO HOSPITAL: (See Figure 3).

1375 Magnolia Avenue

Corona, CA 92879

Head southwest on Magnolia Ave toward Sherborn St

0.1 mi

Turn right onto El Camino Ave

0.4 mi

Turn left onto E 6th St

1.6 mi

Turn left onto S Main St

0.2 mi

Corona Regional Medical Center

800 South Main Street, Corona, CA 92882

Table 7

Emergency Response Procedures

- This plan must be discussed with verbal training for onsite EarthCon employees and subcontractors
- This training should be documented and a copy provided to the CHSM.
- The SSO (or alternate) should be immediately notified via the on-site communication system.
- If applicable, the SSO must notify off-site emergency responders (i.e., fire department, hospital, police department, etc.) and must inform the response team as to the nature and location of the emergency on site.
- If applicable, the SSO evacuates the site. Site workers should move to their respective refuge stations using the evacuation routes provided on the Site Map. SSO must account for all workers associated with the project.
- The SSO notifies the PM, Principal, and the CHSM of the emergency. If an EarthCon employee is injured, the SSO must contact the worker's Regional Manager/Branch Office Manager immediately. If the Regional Manager/Branch Office Manager cannot be contacted, then the Corporate Human Resources Department must be notified.
- For small fires, flames should be extinguished using the fire extinguisher. Large fires should be handled by the local fire department.
- In an unknown situation or if responding to toxic gas emergencies, appropriate PPE, including SCBAs, should be donned.
- If chemicals are accidentally spilled or splashed into eyes or on skin, use eyewash and/or shower.
- Before continuing site operations after an emergency involving toxic gas, the appropriate responder will don a SCBA and utilize appropriate air monitoring equipment to verify that the site is safe.
- An injured worker must be decontaminated appropriately.
- If a worker is injured, first aid will be administered by workers certified in first aid.
- If necessary, the SSO will secure the scene after the response. The scene should not be released until notification from the CHSM.
- After the response, the SSO and /or PM must complete and submit the appropriate incident reports.
- The PM or SSO should secure written /signed witness statements as appropriate, take pictures, etc. immediately and before the end of the shift.
- If an investigation is required, the CHSM and Safety Team will set up a team to start the investigation with input from the DL.
- The CHSM will notify outside agencies as appropriate.

Appendix A

Site Safety Meeting Minutes

Site Name: _____ Contract No. _____

Meeting Location _____

Meeting Date _____ Time _____ Conducted By _____

_____ Pre-Fieldwork Orientation _____ Weekly Site Meeting _____ Other

Subjects Discussed:

Safety Officer Comments:

Name and Signature of Participating Personnel (list company name if subcontractor)

Note: Attach additional pages if necessary. Send this form to the EarthCon Project Manager. Copies will be placed in the appropriate project files.

Appendix B

Safety Data Sheets

Chlorodiphenyl (42% chlorine)

Synonyms & Trade Names

Aroclor® 1242, PCB [Chlorodiphenyl (42% chlorine)], Polychlorinated biphenyl [Chlorodiphenyl (42% chlorine)]

CAS No.

53469-21-9

RTECS No.

TQ1356000

DOT ID & Guide

2315 171

Formula

$C_6H_4ClC_6H_3Cl_2$ (approx)

Conversion

IDLH

Ca [5 mg/m^3]
See: 53469219

Exposure Limits

NIOSH REL

Ca TWA 0.001 mg/m^3 See Appendix A (nengapdxa.html) [*Note: The REL also applies to other PCBs.]

OSHA PEL

TWA 1 mg/m^3 [skin]

Measurement Methods

NIOSH 5503 ;

OSHA PV2089

See: NMAM or OSHA Methods

Physical Description

Colorless to light-colored, viscous liquid with a mild, hydrocarbon odor.

Molecular Weight

258 (approx)

Boiling Point

617-691°F

Freezing Point

-2°F

Solubility

Insoluble

Vapor Pressure

Vapor Pressure
0.001 mmHg

Ionization Potential
?

Specific Gravity
(77°F): 1.39

Flash Point
NA

Upper Exposive Limit
NA

Lower Explosive Limit
NA

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans & chlorinated dibenzo-p-dioxins.

Incompatibilities & Reactivities
Strong oxidizers

Exposure Routes
inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms
irritation eyes; chloracne; liver damage; reproductive effects; [potential occupational carcinogen]

Target Organs
Skin, eyes, liver, reproductive system

Cancer Site
[in animals: tumors of the pituitary gland & liver, leukemia]

Personal Protection/Sanitation
(See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

First Aid
(See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter.

Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also

INTRODUCTION MEDICAL TESTS: 0175

File Formats Help:

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(//www.cdc.gov/Other/plugins/#pdf)

Page last reviewed: April 11, 2016

Page last updated: April 11, 2016

Content source: National Institute for Occupational Safety and Health (NIOSH) (/niosh/) Education and Information Division

Chlorodiphenyl (54% chlorine)

Synonyms & Trade Names

Aroclor® 1254, PCB [Chlorodiphenyl (54% chlorine)], Polychlorinated biphenyl [Chlorodiphenyl (54% chlorine)]

CAS No.

11097-69-1

RTECS No.

TQ1360000

DOT ID & Guide

2315 171

Formula

$C_6H_3Cl_2C_6H_2Cl_3$ (approx)

Conversion

IDLH

Ca [5 mg/m^3]
See: IDLH INDEX

Exposure Limits

NIOSH REL

Ca TWA 0.001 mg/m^3 See Appendix A (nengapdxa.html) [*Note: The REL also applies to other PCBs.]

OSHA PEL

TWA 0.5 mg/m^3 [skin]

Measurement Methods

NIOSH 5503 ;

OSHA PV2088

See: NMAM or OSHA Methods

Physical Description

Colorless to pale-yellow, viscous liquid or solid (below 50°F) with a mild, hydrocarbon odor.

Molecular Weight

326 (approx)

Boiling Point

689-734°F

Freezing Point

50°F

Solubility

Insoluble

Vapor Pressure

Vapor Pressure
0.00006 mmHg

Ionization Potential
?

Specific Gravity
(77°F): 1.38

Flash Point
NA

Upper Exposive Limit
NA

Lower Explosive Limit
NA

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans, and chlorinated dibenzo-p-dioxins.

Incompatibilities & Reactivities
Strong oxidizers

Exposure Routes
inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms
irritation eyes, chloracne; liver damage; reproductive effects; [potential occupational carcinogen]

Target Organs
Skin, eyes, liver, reproductive system

Cancer Site
[in animals: tumors of the pituitary gland & liver, leukemia]

Personal Protection/Sanitation
(See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

First Aid
(See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter.

Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also

INTRODUCTION ICSC CARD: 0939 MEDICAL TESTS: 0176

File Formats Help:

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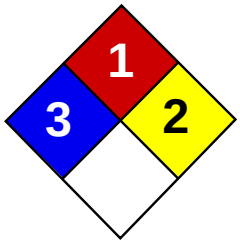
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Health	3
Fire	1
Reactivity	2
Personal Protection	E

Material Safety Data Sheet
Arsenic MSDS

Section 1: Chemical Product and Company Identification

Product Name: Arsenic

Catalog Codes: SLA1006

CAS#: 7440-38-2

RTECS: CG0525000

TSCA: TSCA 8(b) inventory: Arsenic

CI#: Not applicable.

Synonym:

Chemical Name: Arsenic

Chemical Formula: As

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Arsenic	7440-38-2	100

Toxicological Data on Ingredients: Arsenic: ORAL (LD50): Acute: 763 mg/kg [Rat]. 145 mg/kg [Mouse].

Section 3: Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant).

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, lungs, the nervous system, mucous membranes. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Flammable in presence of open flames and sparks, of heat, of oxidizing materials.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Material in powder form, capable of creating a dust explosion. When heated to decomposition it emits highly toxic fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable

protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids, moisture.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.01 from ACGIH (TLV) [United States] [1995] Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Lustrous solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 74.92 g/mole

Color: Silvery.

pH (1% soln/water): Not applicable.

Boiling Point: Not available.

Melting Point: Sublimation temperature: 615°C (1139°F)

Critical Temperature: Not available.

Specific Gravity: 5.72 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water, hot water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents, acids, moisture.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 145 mg/kg [Mouse].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A1 (Confirmed for human.) by ACGIH. Causes damage to the following organs: kidneys, lungs, the nervous system, mucous membranes.

Other Toxic Effects on Humans:
Very hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 6.1: Poisonous material.

Identification: : Arsenic UNNA: UN1558 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Arsenic California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Arsenic Pennsylvania RTK: Arsenic Massachusetts RTK: Arsenic TSCA 8(b) inventory: Arsenic

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R22- Harmful if swallowed. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 1

Reactivity: 2

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Reactivity: 2

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

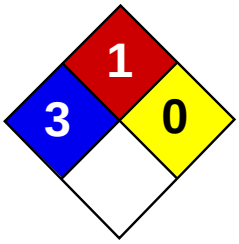
References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. -Liste des produits purs tératogènes, mutagènes, cancérogènes. Répertoire toxicologique de la Commission de la Santé et de la Sécurité du Travail du Québec. -Material safety data sheet emitted by: la Commission de la Santé et de la Sécurité du Travail du Québec. -SAX, N.I. Dangerous Properties of Indutrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Guide de la loi et du règlement sur le transport des marchandises dangeureuses au canada. Centre de conformité internatinal Ltée. 1986.

Other Special Considerations: Not available.

Created: 10/09/2005 04:16 PM

Last Updated: 05/21/2013 12:00 PM

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Health	3
Fire	1
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Cadmium MSDS

Section 1: Chemical Product and Company Identification

Product Name: Cadmium

Catalog Codes: SLC3484, SLC5272, SLC2482

CAS#: 7440-43-9

RTECS: EU9800000

TSCA: TSCA 8(b) inventory: Cadmium

CI#: Not applicable.

Synonym:

Chemical Name: Cadmium

Chemical Formula: Cd

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:
1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Cadmium	7440-43-9	100

Toxicological Data on Ingredients: Cadmium: ORAL (LD50): Acute: 2330 mg/kg [Rat.]. 890 mg/kg [Mouse]. DUST (LC50): Acute: 50 ppm 4 hour(s) [Rat].

Section 3: Hazards Identification

Potential Acute Health Effects:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant). Severe over-exposure can result in death.

Potential Chronic Health Effects:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Reasonably anticipated.) by NTP. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance is toxic to kidneys, lungs, liver. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Section 4: First Aid Measures

Eye Contact: No known effect on eye contact, rinse with water for a few minutes.

Skin Contact:
After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Not available.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:
Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

Ingestion:
Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: 570°C (1058°F)

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances:
Non-flammable in presence of open flames and sparks, of heat, of oxidizing materials, of reducing materials, of combustible materials, of moisture.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards:
Material in powder form, capable of creating a dust explosion. When heated to decomposition it emits toxic fumes.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing In case of insufficient ventilation, wear suitable respiratory equipment If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage:
Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Highly toxic or infectious materials should be stored in a separate locked safety storage cabinet or room.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.01 (ppm) Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Lustrous solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 112.4 g/mole

Color: Silvery.

pH (1% soln/water): Not applicable.

Boiling Point: 765°C (1409°F)

Melting Point: 320.9°C (609.6°F)

Critical Temperature: Not available.

Specific Gravity: 8.64 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Not considered to be corrosive for metals and glass.

Special Remarks on Reactivity: Reacts violently with potassium.

Special Remarks on Corrosivity: Not available.

Polymerization: No.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals:
WARNING: THE LC50 VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE. Acute oral toxicity (LD50): 890 mg/kg [Mouse]. Acute toxicity of the dust (LC50): 229.9 mg/m3 4 hour(s) [Rat].

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A2 (Suspected for human.) by ACGIH, 2 (Reasonably anticipated.) by NTP. The substance is toxic to kidneys, lungs, liver.

Other Toxic Effects on Humans:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, sensitizer).

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: An allergen. 0047 Animal: embryotoxic, passes through the placental barrier.

Special Remarks on other Toxic Effects on Humans: May cause allergic reactions, exzema and/or dehydration of the skin.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification:

Identification:

Special Provisions for Transport:

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Cadmium California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Cadmium Pennsylvania RTK: Cadmium Massachusetts RTK: Cadmium TSCA 8(b) inventory: Cadmium SARA 313 toxic chemical notification and release reporting: Cadmium CERCLA: Hazardous substances.: Cadmium

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada):
CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R26- Very toxic by inhalation. R45- May cause cancer.

HMIS (U.S.A.):

Health Hazard: 3

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References:
-Hawley, G.G.. The Condensed Chemical Dictionary, 11e ed., New York N.Y., Van Nostrand Reinold, 1987. -Liste des produits purs tératogènes, mutagènes, cancérogènes. Répertoire toxicologique de la Commission de la Santé et de la Sécurité du Travail du Québec. -Material safety data sheet emitted by: la Commission de la Santé et de la Sécurité du Travail du Québec. -SAX, N.I. Dangerous Properties of Indutrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984. -The Sigma-Aldrich Library of Chemical Safety Data, Edition II. -Guide de la loi et du règlement sur le transport des marchandises dangeureuses au canada. Centre de conformité internatinal Ltée. 1986.

Other Special Considerations: Not available.

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Gasoline

Synonyms & Trade Names

Motor fuel, Motor spirits, Natural gasoline, Petrol [Note: A complex mixture of volatile hydrocarbons (paraffins, cycloparaffins, and aromatics).]

CAS No.

8006-61-9

RTECS No.

LX3300000

DOT ID & Guide

1203 128

Formula

Conversion

1 ppm = 4.5 mg/m^3 (approx)

IDLH

Ca [N.D.]
See: IDLH INDEX

Exposure Limits

NIOSH REL

Ca See Appendix A (nengapdxa.html)

OSHA PEL

none See Appendix G (nengapdxg.html)

Measurement Methods

OSHA PV2028

See: NMAM or OSHA Methods

Physical Description

Clear liquid with a characteristic odor.

Molecular Weight

110 (approx)

Boiling Point

102°F

Freezing Point

?

Solubility

Insoluble

Vapor Pressure

Vapor Pressure
38-300 mmHg

Ionization Potential
?

Specific Gravity
(60°F): 0.72-0.76

Flash Point
-45°F

Upper Exposive Limit
7.6%

Lower Explosive Limit
1.4%

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities
Strong oxidizers such as peroxides, nitric acid & perchlorates

Exposure Routes
inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms
irritation eyes, skin, mucous membrane; dermatitis; headache, lassitude (weakness, exhaustion), blurred vision, dizziness, slurred speech, confusion, convulsions; chemical pneumonitis (aspiration liquid); possible liver, kidney damage; [potential occupational carcinogen]

Target Organs
Eyes, skin, respiratory system, central nervous system, liver, kidneys

Cancer Site
[in animals: liver & kidney cancer]

Personal Protection/Sanitation
(See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: No recommendation
Provide: Eyewash, Quick drench

First Aid
(See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap flush immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister

Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also

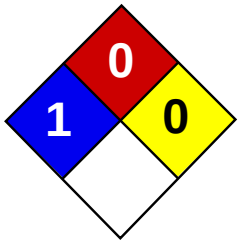
INTRODUCTION

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Content source: National Institute for Occupational Safety and Health (NIOSH) (/niosh/) Education and Information Division





Health	1
Fire	0
Reactivity	0
Personal Protection	E

Material Safety Data Sheet
Lead MSDS

Section 1: Chemical Product and Company Identification

Product Name: Lead

Catalog Codes: SLL1291, SLL1669, SLL1081, SLL1459, SLL1834

CAS#: 7439-92-1

RTECS: OF7525000

TSCA: TSCA 8(b) inventory: Lead

CI#: Not available.

Synonym: Lead Metal, granular; Lead Metal, foil; Lead Metal, sheet; Lead Metal, shot

Chemical Name: Lead

Chemical Formula: Pb

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Lead	7439-92-1	100

Toxicological Data on Ingredients: Lead LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
Slightly hazardous in case of skin contact (permeator). CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, kidneys, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Non-flammable in presence of open flames and sparks, of shocks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: When heated to decomposition it emits highly toxic fumes of lead.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable

protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.05 (mg/m3) from ACGIH (TLV) [United States] TWA: 0.05 (mg/m3) from OSHA (PEL) [United States] TWA: 0.03 (mg/m3) from NIOSH [United States] TWA: 0.05 (mg/m3) [Canada]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Metal solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 207.21 g/mole

Color: Bluish-white. Silvery. Gray

pH (1% soln/water): Not applicable.

Boiling Point: 1740°C (3164°F)

Melting Point: 327.43°C (621.4°F)

Critical Temperature: Not available.

Specific Gravity: 11.3 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials, excess heat

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Can react vigorously with oxidizing materials. Incompatible with sodium carbide, chlorine trifluoride, trioxane + hydrogen peroxide, ammonium nitrate, sodium azide, disodium acetylide, sodium acetylide, hot concentrated nitric acid, hot concentrated hydrochloric acid, hot concentrated sulfuric acid, zirconium.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. May cause damage to the following organs: blood, kidneys, central nervous system (CNS).

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:
Acute Potential: Skin: Lead metal granules or dust: May cause skin irritation by mechanical action. Lead metal foil, shot or sheets: Not likely to cause skin irritation Eyes: Lead metal granules or dust: Can irritate eyes by mechanical action. Lead metal foil, shot or sheets: No hazard. Will not cause eye irritation. Inhalation: In an industrial setting, exposure to lead mainly occurs from inhalation of dust or fumes. Lead dust or fumes: Can irritate the upper respiratory tract (nose, throat) as well as the bronchi and lungsby mechanical action. Lead dust can be absorbed through the respiratory system. However, inhaled lead does not accumulate in the lungs. All of an inhaled dose is eventually abssorbed or transferred to the gastrointestinal tract. Inhalation effects of exposure to fumes or dust of inorganic lead may not develop quickly. Symptoms may include metallic taste, chest pain, decreased physical fitness, fatigue, sleep disturbance, headache, irritability, reduces memory, mood and personality changes, aching bones and muscles, constipation, abdominal pains, decreasing appetite. Inhalation of large amounts may lead to ataxia, deliriuim, convulsions/seizures, coma, and death. Lead metal foil, shot, or sheets: Not an inhalation hazard unless metal is heated. If metal is heated, fumes will be released. Inhalation of these fumes may cause "fume metal fever", which is characterized by flu-like symptoms. Symptoms may include metallic taste, fever, nausea, vomiting, chills, cough, weakness, chest pain, generalized muscle pain/aches, and increased white blood cell count. Ingestion: Lead metal granules or dust: The symptoms of lead poisoning include abdominal pain or cramps (lead cholic), spasms, nausea, vomiting, headache, muscle weakness, hallucinations, distorted perceptions, "lead line" on the gums, metallic taste, loss of appetite, insomnia, dizziness and other symptoms similar to that of inhalation. Acute poisoning may result in high lead levels in the blood and urine, shock, coma and death in extreme cases. Lead metal foil, shot or sheets: Not an ingestion hazard for usual industrial handling.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Lead California prop. 65 (no significant risk level): Lead: 0.0005 mg/day (value) California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Lead Connecticut hazardous material survey.: Lead Illinois toxic substances disclosure to employee act: Lead Illinois chemical safety act: Lead New York release reporting list: Lead Rhode Island RTK hazardous substances: Lead Pennsylvania RTK: Lead

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R20/22- Harmful by inhalation and if swallowed. R33- Danger of cumulative effects. R61- May cause harm to the unborn child. R62- Possible risk of impaired fertility. S36/37- Wear suitable protective clothing and gloves. S44- If you feel unwell, seek medical advice (show the label when possible). S53- Avoid exposure - obtain special instructions before use.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

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Appendix C

Chemical Information Directory

Included in HASP	*Chemical Name*	*Synonyms*
	Acetone	Dimethyl Ketone; Ketone propane; 2-Propanone
	Aldrin	HHDN; Octalene
	Aniline	Aminobenzene; Aniline Oil; Benzeneamine
X	Arsenic	Arsenic metal; Arsenia
	Barium	Barium metal
	Benzene	Benzol; Phenyl hydride
	Bis(2-ethylhexyl)phthalate	Di(2-ethylhexyl)phthalate
X	Cadmium	Cadmium metal
	Carbon disulfide	Carbon bisulfide
	Chlorobenzene	Benzene chloride; Chlorobenzyl; MCB; Phenyl chloride
	Chloroethane	Ethyl chloride
	Chloroform	Methane trichloride; Trichloromethane
	Chromic Acid	Chromic anhydride; Chromium trioxide
	Chromium	Chromium metal
	Cobalt	Cobalt metal dust, cobalt metal fume
	Copper	Copper metal dusts; Copper metal mists
	Cyanide	Cyanide
	Cyclohexane	Benzene Hexahydride; hexamethylene
	Dieldrin	Dieldrin
	DIPE	Diisopropyl ether
	Dioxin	Dioxin
	1,2-Dichlorobenzene	O-DCB; Orthodichlorobenzene
	1,1-Dichloroethane	Ethylidene chloride
	1,2-Dichloroethane	Ethylene dichloride; Glycol dichloride
	1,1-Dichloroethylene	1,1-Dichloroethene, vinylidene chloride
	1,2-Dichloroethylene	1,2-Dichloroethene; (cis, trans, or sym-) Acetylene dichloride
	1,2-Dichloropropane	Propylene dichloride; Dichloro-1,2-propane
	2,4-Dinitrotoluene	Dinitrotoluene; DNT; Methyldinitrobenzene
	1,4-Dioxane	Dioxane, Diethylene dioxide, Diethylene ether

Appendix C

Chemical Information Directory
(continued)

Included in HASP	*Chemical Name*	*Synonyms*
	Ethylbenzene	Ethylbenzol; Phenylethane
	ETBE	Ethyl tert-butyl ether
	Ethylene Dibromide	EDB; 1,2-Dibromoethane, Ethylene bromide, Glycol dibromide
	Formaldehyde	Methanal; Methyl aldehyde; Methylene oxide
X	Gasoline& Diesel	Motor fuel; Motor spirits; Natural gasoline; Petrol
	Motor oil	Motor oil
	Hexachloroethane	Carbon hexachloride; Ethane hexachloride; Perchloroethane
	Hydrochloric Acid	Anhydrous hydrogen chloride; Aqueous hydrogen chloride; Muriatic acid
	Hydrogen Sulfide	Hydrosulfuric acid; Sewer gas; Sulfuretted hydrogen
	Iron	Iron
	Isophorone	Isoacetophorone; 3,5,5-Trimethyl 2- cyclohexenone
	Isopropanol	Isopropyl alcohol; IPA; 2-Propanol
X	Lead (inorganic)	Lead metal
	Manganese	Manganese
	MTBE	Methyl Tert Butyl Ether
	Mercury	Colloidal mercury; Metallic mercury; Quicksilver
	Methane	Fire damp; March gas; Methyl hydride
	Methanol	Carbinol; Columbian spirits; Pyroligneous spirit; Wood alcohol; Wood naphtha; Wood spirit
	Methoxyclor	p,p-Dimethoxydiphenyl/trichlorethane; DMDY
	Methyl chloroform	1,1,1-Trichloroethane
	Methylcyclohexane	Cyclohexylmethane; Hexahydrotoluene
	Methylene chloride	Dichloromethane; Methylene Dichloride
	Naphthalene	Naphthalin; Tar Camphor; White Tar
	Nickel	Nickel catalyst

Appendix C

Chemical Information Directory
(continued)

Included in HASP	*Chemical Name*	*Synonyms*
	Nitrobenzene	Essence of mirbane; Nitrobenzol; Oil of mirbane
	PAHs	Poly Aromatic Hydrocarbons
	Pentachlorophenol	PCP; Penta; 2,3,4,5,6-Pentachlorophenol
	Phenol	Carbonic acid; Hydroxybenzene; Monohydroxybenzene; Phenol alcohol; Phenyl hydroxide
	Phosgene	Carbonyl chloride; Carbon oxychloride; Chloroformyl chloride
X	Polychlorinated biphenyls (54%)	PCBs; Chlorodiphenyl
	Sodium bisulfate	
	Synergist-D	Proprietary product
	Silver	Silver metal; Argentum
	TAME	Tertiary-amyl methyl ether
	TBA	Tert butyl alchol
	Tetrachloroethylene	Tetrachloroethylene; Perchlorethylene; Perk
	Toluene	Methyl benzene; Methyl benzol
	Toxaphene	Chlorinated camphene
	1,1,2-Trichloroethane	Ethane trichloride; B-Trichloroethane; Vinyl trichloride
	1,2,4-Trichlorobenzene	Trichlorobenzene; 1,2,4-Trichlorobenzel
	Trichloroethene	Trichloroethylene; TCE
	Trichlorofluoromethane	Fluorotrichloromethane; Freon II
	Trichlorotrifluoroethane	Freon 113; 1,1,2-Trichloro-1,2,2-trifluoroethane; CFC-113
	1,2,3-Trichloropropane	Allyl trichloride, Glycerol trichorohydrin, Glyceryl trichlorohydrin; Trichlorohydrin
	1,2,3-Trimethylbenzene	Hemellitol
	1,2,4-Trimethylbenzene	psi-Cumene; Pseudocumene
	1,3,5-Trimethylbenzene	Mesitylene; sym-Trimethylbenzene
	Vinyl chloride	Chloroethene; VC; VCM
	Xylene (Mixed Isomers)	o-xylene; p-xylene; m-xylene

Appendix D

Hazard Mitigators Directory

Included in HASP	*Hazards*
X	Fire
X	Inhalation
	Reactivity
X	Skin Absorption
Physical Hazards	
	Compressed Gas Cylinder
X	Drilling
	Drowning
X	Drum Handling
X	Electrocution
X	Excavation/Trenching
X	Eye Injury
X	Hand/Foot Injury
X	Heat Stress
X	Cold Stress
X	Heavy Equipment
X	Lifting Heavy Loads
X	Noise
X	Portable Power/Hand Tool
	Radiation Exposure
X	Slipping/Tripping/Falling
	Allergic Reaction to Poisonous Plants
	Insect/Vermin/Snake Bites
	Medical Waste

* All members of the drilling crews shall be trained in the safety features and procedures to be utilized during operation, inspection, and maintenance of the equipment.
* Conduct a survey, prior to bringing drilling equipment to the job site, to identify overhead electrical hazards, potential subsurface hazards, and terrain hazard. Once on-site, before drilling equipment is moved, the travel route shall again be visually surveyed for overhead and terrain hazards.
* Use only drilling equipment equipped with two easily accessible emergency shutdown devices, one for the operator and one for the helper.
* Do not transport drilling equipment with the mast in the upward position.
* Set up equipment on stable ground. Cribbing (a system of timbers, arranged in a rectangular pattern, used to support and distribute the weight of the equipment) shall be used when necessary.
* Extend outriggers per the manufacturer's specifications.
* Monitor weather conditions. Operations shall cease during electrical storms or when electrical storms are imminent.
* Wearing of loose clothing or equipment is not permitted.
* Use auger guides on hard surfaces.
* Verbally alert employees and visually ensure employees are clear from dangerous parts of equipment prior to starting or engaging equipment.
* Channel the discharge of drilling fluids away from the work area to prevent the pooling of water.
* Use hoists only for their designed intent. Hoists shall not be loaded beyond their rated capacity. Steps shall be taken to prevent two-blocking of hoists (the condition when the lower load block or hook assembly comes in contact with the upper load block, or when the load block comes in contact with the boom tip).
* Follow the equipment manufacturer's procedures if ropes become caught in, or objects are pulled into a cathead.

* Do not run or rotate drill rods through rod slipping devices. No more than one foot of drill rod column shall be hoisted above the top of the drill mast. Drill rod tool joints shall not be made up, tightened, or loosened while the rod column is supported by a rod slipping device.
* Control dust using dust suppression techniques.
* Clean augers only when the rotating mechanism is in neutral and the auger is stopped. Tools such as long handled shovels shall be used to remove cuttings from the auger.
* Cap and flag open boreholes; open excavations shall be barricaded.
* Keep all hand tool used during drilling operations clean and in good working condition.
* Wear hard hats and steel-toed boots at all times when performing drilling operations.
* Wear hearing protection when required.

During Geoprobe drilling

- Pay close attention to acetate sampling sleeves; can cause minor cuts when they become jiggered
- Probes /rods can have pinch points; take care when removing or adjusting.
- There will be noise so use hearing protections

- Be aware of the potential hazards of the contents of drums or containers before handling.
- Inspect the integrity of the drum or container before moving. Any drum or container lacking integrity shall be over packed.
- Consider any unlabeled drum or container as containing a hazardous substance and leave alone until contents are properly identified and labeled.
- Organize site operations to minimize the amount of drum or container movement.
- Never stand on drums or containers.
- Know that bulging drums or containers are an indication of pressure build-up. Pressure can be relieved slowly by carefully loosening the bung. If the possibility of fire or explosion exists, protective shield and/or remote opening devices should be used.
- Utilize drum/container handling equipment whenever possible. The equipment utilized should have a sufficiently rated load capacity, and should be able to operate smoothly on the available surface.
- Use proper lifting and moving techniques to prevent back injuries, if handling equipment is not available.
- Have a clear view of the available pathway when moving drums. If needed, an additional person should be available to provide guidance.
- Set up drum/container staging areas to safely identify and classify contents for proper shipment. Staging areas shall be provided with adequate ingress and egress routes.
- Label and identify drums and containers as to their contents when moved to the staging areas.
- Cease all site operations immediately if site activities uncover buried drums or containers. The SSO must be notified. The SSO will evacuate the site. All unknown situations must be evaluated before site activities are resumed. The services of a specialized contractor trained in handling unknown contaminants may be needed. If, after evaluating the situation, only a portion of the site is affected, that
- Use only drums and containers that meet the appropriate DOT, OSHA, and EPA regulations.

- When scheduling or work conditions necessitate leaving excavations open overnight, security fencing will be erected to restrict access to the site or work zones. An exclusion zone, contamination reduction zone and support zone will be identified for each soil disturbance site, as described in Section 2.4.5.

- Underground Service Alert must be notified of subsurface work at a minimum of 48 hours prior to the commencement of field activities.

- As part of the on-site health and safety meeting, a Site walk with the operators will be conducted to identify work locations (locations shown on the work plan/site plan will be in areas free of utilities/subsurface structures). Mark outs of all utilities will be verified.

- If pea-gravel is encountered while excavating all work must stop and the SSO will be contacted for further instruction. Pea-gravel is a potential indication of underground storage tank(s) or utility bedding/backfilling material.

- If any utility/subsurface feature is hit or damaged the SSO will be IMMEDIATELY contacted for further instruction. If the SSO cannot be reached contact the Project Manager for further instruction.

* A minimum clearance of 12 feet (radius) will be maintained between heavy equipment (i.e., drill rig) and any overhead power lines, regardless of voltage.
* Before subsurface work, a utilities search for underground lines will occur and will be documented.
* Installation and maintenance of electrical facilities or equipment must only be performed by qualified and properly authorized personnel or electrical subcontractors. Apprentice personnel permitted to work on electrical equipment shall be under the surveillance of a fully qualified electrician.
* Electricians shall be familiar with the National Electrical Code; state and local electric codes; OSHA standards, including 29 CFR 1926, Subpart K; and applicable sections of the National Fire Protection Association Codes.
* When working on energized circuits of 440 volts or higher, at least one qualified electrician and one other employee shall be present.
* Do not wear rings, watches or metallic objects that could act as conductors when working with electrical circuits.
* Do not use metal ladders and un-insulated tools while working with electrical circuits and equipment.
* Follow the company Lock-out/Tag-out procedures when applicable. Electrical equipment and lines shall always be considered “energized” until proven “de-energized”. Before beginning work, each electrical circuit shall be inspected, tested, and where possible, isolated from the power source. Extreme care shall be exercised as wires designed to operate at ground potential may become energized by faulty or inadequate connections.
* Use only approved grounding equipment as a ground for electrical equipment. Metal frames on electricity powered equipment, electrical facilities, and transmission equipment shall be connected to the grounding system. Alternative grounding systems complying with applicable electrical codes may be used for temporary portable equipment.
* Protect electrical wires with suitable protective conduits or devices where they are exposed to possible damage.
* Connect grounding devices to a ground before contacting any conductor of a circuit. When grounding devices are removed, they shall be disconnected from the circuit before being disconnected from ground.
* Equip all portable extension cords with a non-conducting plug and/or another socket shell. All electrical cords shall be equipped with three-blade grounding type plugs.

* Use only heavy duty electrical cords that are not subjected to excessive bending, stretching, or kicking. All cords and wires shall be frequently inspected for signs of defects. Damaged or frayed electrical wires, cords, and plugs shall be immediately replaced by a qualified electrician or other properly trained personnel.
* Install adequate warning signs and barriers (in plain sight) in all areas where hazardous electrical facilities exist.
* Do not permit overloading of electrical circuits at any time. The replacement of fuses or circuit breakers with makeshift materials or over-capacity fuses is strictly prohibited.
* The type of circuit shall determine the type of protective equipment required. Rubber gloves, sleeves, blankets, mats, and insulated platforms shall be used as required. Questions regarding PPE should be directed to the SSO.
* Inspect all insulated protective equipment continuously for defects or damages. Any defective equipment shall be replaced before using.
* Establish and enforce testing schedules for insulation qualities for protective equipment. All users shall verify that equipment has been satisfactorily tested prior to use.

* Wear appropriate eye protection according to the task at hand (e.g., goggles if liquid splash could occur, welding lenses, etc.).

* Minimize the amount of vapor or particulate matter generated, if possible.

* Avoid touching the face and eyes.

* Flush eye with water for at least 15 minutes if chemicals do get into the eye.

* Be aware of “pinch points” when working with tools and heavy equipment.
* Use proper lifting techniques to avoid dropping heavy loads on hands and feet.
* Be aware of moving machinery and heavy equipment in the work area.
* Wear protective gloves as required in the Health and Safety Plan.
* Wear steel-toed boots as required in the Health and Safety Plan.

Fatal exposures to cold among workers have almost always resulted from accidental exposures involving failure to escape from low environmental air temperatures or from immersion in low temperature water. The single most important aspect of life-threatening hypothermia is the fall in the deep core temperature of the body. Workers should be protected from exposure to cold so that the deep core temperature does not fall below 96.8°F; lower body temperatures will very likely result in reduced mental alertness, reduction in rational decision making, or loss of consciousness with the threat of fatal consequences. Pain in the extremities may be the first early warning of danger to cold stress. During exposure to cold, maximum severe shivering develops when the body temperature has fallen to 95°F. This must be taken as a sign of danger to the workers and exposure to cold should be immediately terminated for any workers when severe shivering becomes evident. Since prolonged exposure to cold air, or to immersion in cold water, at temperatures well above freezing can lead to dangerous hypothermia, whole body protection must be provided.

Adequate insulating dry clothing to maintain core temperatures above 96.8°F must be provided to workers if work is performed in air temperatures below 40°F. Wind chill cooling rate must also be considered when determining protective clothing. The equivalent chill temperature should be used when estimating the combined cooling effect of wind and low air temperatures on exposed skin or when determining clothing insulation requirements to maintain the deep body core temperature.

Unless there are unusual or extenuating circumstances, cold injury to other than hands, feet, and head is not likely to occur without the development of the initial signs of hypothermia. Older workers or workers with circulatory problems require special precautionary protection against cold injury. The use of extra insulating clothing and/or a reduction in the duration of the exposure period are among the special precautions which should be considered.

Workers handling evaporative liquid (gasoline, alcohol, or cleaning fluids) at air temperatures below 39.2°F should take special precautions to avoid soaking of clothing or gloves with the liquids because of the added danger of cold injury due to evaporative cooling. Special note should be taken of the particularly acute effects of splashes of “cryogenic fluids” or those liquids and gases with a boiling point that is just above ambient temperature.

Heat stress is a medical condition where a worker exerts energy above his body's ability to adapt to the stress. Malfunctioning or overload of the body's temperature and sweat mechanisms results in heat stress. Poor adaptation to heat may lead to heat cramps, heat exhaustion, or heat stroke. There are three primary causes of heat stress: insufficient water intake; insufficient salt intake; and a deficiency in the production of sweat, the evaporation of which helps to cool the body naturally. Heat stress or heat exhaustion can result in a more life-threatening condition called heat stroke, which is an overexposure to extreme heat, where the body can no longer provide natural regulation of heat. The body overheats and core temperatures may reach 107F which can result in a coma and death

Field team members shall be observed for signs and symptoms of heat stress that include: confusion, dizziness, profuse sweating, skin color change, increased heart rate and vision problems. Personnel who exhibit any of these symptoms shall be removed from field work and requested to consume two to four pints of electrolyte fluid or cool water every hour while resting in a shaded area. The individual should not return to work until the symptoms are no longer recognizable. If symptoms appear critical, persist, or get worse, seek immediate medical attention.

To control the potential occurrence of heat stress, preventive measures will be evaluated and implemented on a daily basis. These measures may include:

- Frequent rest periods;
- Inducement of fluids (e.g., water, Gatorade, etc.) at a rate of one-half to one cup of cool (55ºF) water every 20 minutes of the workday; and
- Periodic cooling of personnel (e.g., via shaded areas, hose-downs with water, etc.).
- Sensitive personnel should wear sunscreen containing a minimum Sun Protection Factor of 15 when working outdoors in the sun. Sunscreen lotion should be applied prior to entering the work zones.



ainst heat, sun exposure, and other hazards. Employers and employees should know the potential hazards in their workplaces and how to manage them.

Sun

Sunlight contains ultraviolet (UV) radiation, which causes premature aging of the skin, wrinkles, cataracts, and skin cancer. There are no safe UV rays or safe suntans. Be especially careful in the sun if you burn easily, spend a lot of time outdoors, or have any of the following physical features: numerous, irregular, or large moles; freckles; fair skin; or blond, red, or light brown hair. Here's how to block those harmful rays:

- Cover up. Wear loose-fitting, long-sleeved shirts and long pants.
- Use sunscreen with a sun protection factor (SPF) of at least 30. Be sure to follow application directions on the bottle or tube.
- Wear a hat. A wide brim hat, not a baseball cap, works best because it protects the neck, ears, eyes, forehead, nose, and scalp.
- Wear UV-absorbent sunglasses (eye protection). Sunglasses don't have to be expensive, but they should block 99 to 100 percent of UVA and UVB radiation. Before you buy sunglasses, read the product tag or label.
- Limit exposure. UV rays are most intense between 10 a.m. and 4 p.m.

OSHA Card—Protecting Yourself in the Sun
www.osha.gov/Publications/osha3166.pdf

Heat

The combination of heat and humidity can be a serious health threat during the summer months. If you work outside (for example, at a beach resort, on a farm, at a construction site) or in a kitchen, laundry, or bakery you may be at increased risk for heat-related illness. So, take precautions. Here's how:

- Drink small amounts of water frequently.
- Wear light-colored, loose-fitting, breathable clothing—cotton is good.
- Take frequent short breaks in cool shade.
- Eat smaller meals before work activity.
- Avoid caffeine and alcohol or large amounts of sugar.
- Work in the shade.
- Find out from your health care provider if your medications and heat don't mix.
- Know that equipment such as respirators or work suits can increase heat stress.

There are three kinds of major heat-related disorders—heat cramps, heat exhaustion and heat stroke. You need to know how to recognize each one and what first aid treatment is necessary.

OSHA Heat Stress Fact Sheet:
www.osha.gov/OshDoc/data_Hurricane_Facts/heat_stress.pdf

OSHA Heat Stress Quick Card:
www.osha.gov/Publications/osha3154.pdf

Lyme Disease/Tick-Borne Diseases

These illnesses (i.e., Rocky Mountain spotted fever) are transmitted to people by bacteria from bites of infected deer (blacklegged) ticks. In the case of Lyme disease, most, but not all, victims will develop a "bulls-eye" rash. Other signs and symptoms may be non-specific and similar to flu-like symptoms such as fever, lymph node swelling, neck stiffness, generalized fatigue, headaches, migrating joint aches, or muscle aches. You are at increased risk if your work outdoors involves construction, landscaping, forestry, brush clearing, land surveying, farming, railroads, oil fields, utility lines, or park and wildlife management. Protect yourself with these precautions:

- Wear light-colored clothes to see ticks more easily.

- Wear long sleeves; tuck pant legs into socks or boots.
- Wear high boots or closed shoes that cover your feet completely.
- Wear a hat.
- Use tick repellants, but not on your face.
- Shower after work. Wash and dry your work clothes at high temperature.
- Examine your body for ticks after work. Remove any attached ticks promptly and carefully with fine-tipped tweezers by gripping the tick. Do not use petroleum jelly, a hot match, or nail polish to remove the tick.

OSHA Lyme Disease Fact Sheet: www.osha.gov/OshDoc/data_LymeFacts/lymefac.pdf

West Nile Virus

West Nile virus is transmitted by the bite of an infected mosquito. Mild symptoms include fever, headache, and body aches, occasionally with a skin rash on the trunk of the body and swollen lymph glands. Symptoms of severe infection include headache, high fever, neck stiffness, stupor, disorientation, coma, tremors, convulsions, muscle weakness, and paralysis. You can protect yourself from mosquito bites in these ways:

- Apply Picaridin or insect repellent with DEET to exposed skin.
- Spray clothing with repellents containing DEET or permethrin. (Note: Do not spray permethrin directly onto exposed skin.)
- Wear long sleeves, long pants, and socks.
- Be extra vigilant at dusk and dawn when mosquitoes are most active.
- Get rid of sources of standing water (used tires, buckets) to reduce or eliminate mosquito breeding areas.

OSHA West Nile Virus Fact Sheet: www.osha.gov/OshDoc/data_Hurricane_Facts/west_nile_virus.pdf

OSHA Safety and Health Information Bulletin: "Workplace Precautions Against West Nile Virus"

http://www.osha.gov/dts/shib/shib082903b.pdf

Poison Ivy-Related Plants

Poison ivy, poison oak and poison sumac have poisonous sap (urushiol) in their roots, stems, leaves and fruits. The urushiol may be deposited on the skin by direct contact with the plant or by contact with contaminated objects, such as clothing, shoes, tools, and animals.

Approximately 85 percent of the general population will develop an allergy if exposed to poison ivy, oak or sumac. Forestry workers and firefighters who battle forest fires have developed rashes or lung irritations from inhaling the smoke of burning plants.

- Wear long-sleeved shirts and long pants, tucked into boots. Wear cloth or leather gloves.
- Apply barrier creams to exposed skin.
- Educate workers on the identification of poison ivy, oak, and sumac plants.
- Educate workers on signs and symptoms of contact with poisonous ivy, oak, and sumac.
- Keep rubbing alcohol accessible. It removes the oily resin up to 30 minutes after exposure.

OSHA Web Page—Poisonous Plants: www.osha.gov/SLTC/etools/sawmills/poison.html

This is one in a series of informational fact sheets highlighting OSHA programs, policies or standards. It does not impose any new compliance requirements. For a comprehensive list of compliance requirements of OSHA standards or regulations, refer to Title 29 of the Code of Federal Regulations. This information will be made available to sensory impaired individuals upon request. The voice phone is (202) 693-1999; teletypewriter (TTY) number: (877) 889-5627.

For more complete information:

OSHA Occupational Safety and Health Administration

U.S. Department of Labor

www.osha.gov

(800) 321-OSHA

DSTM 9/2005

* Apply Hazard Mitigators for motor vehicles when utilizing heavy equipment (where applicable).

* Remember, heavy equipment has the right-of-way over regular vehicles. Yield to heavy equipment.

* Listen for warning signals on heavy equipment.

* Perform a visual inspection and walk around parked heavy equipment before moving to assure that equipment is in good condition and that there are no personnel on the ground that could be injured or objects that could be damaged by vehicle movement.

* Use hand rails and footholds when mounting and dismounting equipment,

* Follow appropriate equipment startup procedures. Brakes, steering, clutches and controls shall be tested.

* Pay attention to workers on the ground that may be in the path and provide warning prior to moving the equipment.

* Permit no one to ride on, or in, heavy equipment. This includes any portion of a backhoe, bulldozer, forklift or the back of a pickup truck, except in locations specifically designed for passenger use and approved by the SSO.

* Locate and flag underground utilities and buried cables, whenever possible, prior to intrusive activities (such as excavation and drilling).

* Keep haulage vehicles under positive control at all times while operating. Vehicles shall be kept in gear when descending grades.

* Do not use heavy equipment on slopes with steepness exceeding 3H:1V unless operations are consistent with manufacturer's recommendations (if the Owner's Manual is not with the equipment or does not specify slope operating procedures, see the SSO).

* Operate equipment with booms, blades, buckets, beds, etc., lowered or in a stable position while on slopes. Safety cables tethered to appropriate anchors shall be used for equipment working on steep slopes, where appropriate. The use of cables and anchors must be approved by the SSO.

* Use rollover protection and seat belts.

* Lower hydraulic systems (e.g., blades, rippers, etc.) to the ground, set brakes, and shut down equipment if malfunction occurs which impairs the ability to control a piece of equipment.

* Suspend in slings or support by hoists or jacks heavy equipment in need of repair. The equipment must also be blocked or cribbed before workers are permitted to work underneath. Working under heavy equipment can pose a crushing hazard.

* Shut off motors, do not allow smoking, and use proper dispensing equipment when refueling gasoline-operated equipment to prevent fire hazards.

* Wear hearing protection if required.

* Maintain eye contact with the heavy equipment operator when working near equipment.

* Be aware of changes in sound of equipment that may indicate a change in direction or activity.

* Know and practice proper lifting techniques.
* Limit continuous lifting of weights to 50 pounds or less. Lifts of heavier weights are permitted on an interim basis. Help shall be obtained for lifting of loads greater than 50 pounds. Mechanical equipment should be used on heavy materials when possible. If mechanical assistance is not available, adequate manpower to maintain the 50-pound limit per employee will be required.
* Do not lift more weight than can be handled comfortably, regardless of load weight. If necessary, help should be requested to lift a load so that the lifting is comfortable.
* Use drum dollies when moving drums or barrels.
* Inspect objects for grease or slippery substances before they are lifted to ensure that the object will not slip.
* Do not carry long, bulky or heavy objects without first verifying that the way is clear and that vision is unobstructed. This ensures that other persons or objects will not be struck by the load.
* Do not carry loads that cannot be seen over or around.
* Make sure workers are physically suited for the job before assigning jobs requiring heavy and/or frequent lifting. A person's lifting ability is not necessarily indicated by his height or weight.
* Before lifting an object, consideration should be given to how the object will be set down without pinching or crushing hands or fingers. For example, to place an object on a bench or table, the object should be set on the edge and pushed far enough onto the support so it will not fall. The object can then be released gradually as it is set down, and pushed in place with the hands and body from in front of the object.
* When two or more persons are handling the same object, one should "call the signals". All the persons on the lift should know who this person is and should warn him if anyone in the crew is about to relax his grip.
* Proper lifting includes:
  - *Feet* - Feet should be parted, with one foot alongside the object being lifted and one behind. Feet should be comfortably spread to give greater stability. The rear foot should be in position for the upward thrust of the lift.
  - *Back* - Use the sit-down position and keep the back straight, but remember that "straight" does not mean "vertical". A straight back keeps the spine, back muscles, and organs of the body in correct alignment. It minimizes the compression of the abdomen that can cause a hernia.
  - *Arms and Elbows* - The load should be drawn close, and the arms and elbows should be tucked into the side of the body. When the arms are held away from the body, they lose much of their strength and power. Keeping the arms tucked in also helps keep body

weight centered.

- *Palm* - The palm grip is one of the most important elements of lifting. The fingers and the hand are extended around the object to be lifted. Use the full palm; fingers alone have very little power.
- *Chin* - Tuck in the chin so the neck and head continue the straight back line. Keep the spine straight and firm.
- *Body Weight* - Position the body so its weight is centered over the feet. This provides a more powerful line of thrust and assures better balance. Start the lift with a thrust of the rear foot. Shift hand positions so the object can be boosted after knees are bent. Straighten knees as object is lifted or shifted to the shoulders. To change direction, lift the object to a carrying position, and turn the entire body, including the feet. Do not twist your body. In repetitive work, both the person and the material should be positioned so that the worker will not have to twist his body when moving the material. If the object is too heavy to be handled by one person, get help.

* Know the effects of noise, including:
  - Workers being startled, annoyed, or distracted.
  - Physical damage to the ear, pain, and temporary and/or permanent hearing loss.
  - Communication interference that may increase potential hazards due to the inability to warn of danger and proper safety precautions to be taken.
* Utilize feasible administrative or engineering controls if workers are subjected to noise exceeding an 8-hour, time-weighted average (TWA) sound level of 90 dBA (decibels on the A-weighted scale).
* Implement the company Hearing Conservation Program when noise exposures equal or exceed an 8-hour, TWA sound level of 85 dBA.
* Wear hearing protection where applicable.

* Route cords, hoses, and cables supplying power to portable power tools to prevent tripping hazards or contact with equipment or machinery.
* Avoid abusing the power supply lines of portable equipment. Excessive scraping, kicking, stretching, and exposure to grease and oils will damage lines or cause them to fail prematurely, and possibly injure the operator or fellow workers.
* Inspect cords, hoses, and cables for wear or deterioration prior to each use. Defective power supply lines shall not be used.
* Do not use electrically powered tools near flammable materials or explosive atmosphere, unless they are of the explosion-proof type meeting the National Electrical Code for explosive area. Employees operating the equipment should be aware of sparks and or metal fragments when using this equipment.
* Ground-check portable electric power tools with metal cases initially and quarterly. At no time will electrical power equipment be operated without proper grounding. All electrical cords and cables, including extension cords, shall include a third wire ground.
* Prohibit operations of electric tools in wet or damp areas except in unusual emergency circumstances. When operation is required in wet or damp conditions, extreme care will be exercised to ensure effective grounding of equipment and proper use of protective gear.
* Size cords adequately for length and the electrical demand of the tool. Otherwise, they may cause a fire hazard.
* Limit use of tools to the purpose for which the tool is intended (e.g., wrenches will not be used as hammers). Defective tools (e.g., with mushroomed heads or split or defective handles) shall not be used.
* Protect tools from corrosion damage.
* Keep tools free of accumulated dirt and unnecessary oil or grease. Moving and adjustable parts shall be lubricated frequently to prevent wear and misalignment.
* Replace or repair damaged or worn tools promptly. Temporary or makeshift repairs are prohibited. At the discretion of the supervisor, discard all tools that cannot be repaired safely. Supervisors shall decide when to discard a tool.
* Store tools in suitable boxes or containers. Loose tools shall not be stored on ledges or where they might fall. Tools shall be picked up when a job is completed and not be allowed to accumulate in the work area. Store all tools in a safe place.
* Do not use conducting (i.e., metal) tools around electrical facilities. Insulated tools, approved for electrical work, shall be tested frequently for proper insulation.

* Select the correct size and type of wrench for each job. Wrench handles shall not be extended with a pipe or cheater because the jaws will spread.
* Repair mushroomed punch, drift and chisel heads. Mushroomed heads represent crystallized metal that will break and fly off when struck.
* Wear eye protection at all times.

* Wear the proper footwear for the task at hand.
* Pay attention to the environment and use caution when moving about on site.
* Follow the easiest and safest path to the destination.
* Follow good housekeeping procedures.
* Remove objects that pose tripping hazards where practicable.
* Prevent water accumulation where practicable.

The following sections address the major workplace fire hazards and the procedures for controlling the hazards.

A. Electrical Fire Hazards

Electrical system failures and the misuse of electrical equipment are leading causes of workplace fires. Fires can result from loose ground connections, wiring with frayed insulation, or overloaded fuses, circuits, motors, or outlets.

To prevent electrical fires, employees shall:

1. Make sure that worn wires are replaced.
2. Use only appropriately rated fuses.
3. Never use extension cords as substitutes for wiring improvements.
4. Use only approved extension cords [i.e., those with the Underwriters Laboratory (UL) or Factory Mutual (FM) label].
5. Check wiring in hazardous locations where the risk of fire is especially high.
6. Check electrical equipment to ensure that it is either properly grounded or double insulated.
7. Ensure adequate spacing while performing maintenance.

B. Portable Heaters

All portable heaters shall be approved by **SSO**. Portable electric heaters shall have tip-over protection that automatically shuts off the unit when it is tipped over. There shall be adequate clearance between the heater and combustible furnishings or other materials at all times.

C. Office Fire Hazards

Fire risks are not limited to industrial facilities. Fires in offices have become more likely because of the increased use of electrical equipment, such as computers and fax machines. To prevent office fires, employees shall:

1. Avoid overloading circuits with office equipment.
2. Turn off nonessential electrical equipment at the end of each workday.
3. Keep storage areas clear of rubbish.
4. Ensure that extension cords are not placed under carpets.
5. Ensure that trash and paper set aside for recycling is not allowed to accumulate.

D. Cutting, Welding, and Open Flame Work

The **SSO**will ensure the following:

1. All necessary hot work permits have been obtained prior to work beginning.
2. Cutting and welding are done by authorized personnel in designated cutting and welding areas whenever possible.

3. Adequate ventilation is provided.
4. Torches, regulators, pressure-reducing valves, and manifolds are UL listed or FM approved.
5. Oxygen-fuel gas systems are equipped with listed and/or approved backflow valves and pressure-relief devices.
6. Cutters, welders, and helpers are wearing eye protection and protective clothing as appropriate.
7. Cutting or welding is prohibited in sprinklered areas while sprinkler protection is out of service.
8. Cutting or welding is prohibited in areas where explosive atmospheres of gases, vapors, or dusts could develop from residues or accumulations in confined spaces.
9. Cutting or welding is prohibited on metal walls, ceilings, or roofs built of combustible sandwich-type panel construction or having combustible covering.
10. Confined spaces such as tanks are tested to ensure that the atmosphere is not over ten percent of the lower flammable limit before cutting or welding in or on the tank.
11. Small tanks, piping, or containers that cannot be entered are cleaned, purged, and tested before cutting or welding on them begins.
12. Fire watch has been established.

E. Flammable and Combustible Materials

The **SSO** shall regularly evaluate the presence of combustible materials at.

Certain types of substances can ignite at relatively low temperatures or pose a risk of catastrophic explosion if ignited. Such substances obviously require special care and handling.

1. Class A combustibles.

These include common combustible materials (wood, paper, cloth, rubber, and plastics) that can act as fuel and are found in non-specialized areas such as offices.

To handle Class A combustibles safely:

a. Dispose of waste daily.
b. Keep trash in metal-lined receptacles with tight-fitting covers (metal wastebaskets that are emptied every day do not need to be covered).
c. Keep work areas clean and free of fuel paths that could allow a fire to spread.
d. Keep combustibles away from accidental ignition sources, such as hot plates, soldering irons, or other heat- or spark-producing devices.
e. Store paper stock in metal cabinets.
f. Store rags in metal bins with self-closing lids.
g. Do not order excessive amounts of combustibles.
h. Make frequent inspections to anticipate fires before they start.

Water, multi-purpose dry chemical (ABC), and halon 1211 are approved fire extinguishing agents for Class A combustibles.

2. Class B combustibles.

These include flammable and combustible liquids (oils, greases, tars, oil-based paints, and lacquers), flammable gases, and flammable aerosols.

To handle Class B combustibles safely:

a. Use only approved pumps, taking suction from the top, to dispense liquids from tanks, drums, barrels, or similar containers (or use approved self-closing valves or faucets).
b. Do not dispense Class B flammable liquids into containers unless the nozzle and container are electrically interconnected by contact or by a bonding wire. Either the tank or container must be grounded.
c. Store, handle, and use Class B combustibles only in approved locations where vapors are prevented from reaching ignition sources such as heating or electric equipment, open flames, or mechanical or electric sparks.
d. Do not use a flammable liquid as a cleaning agent inside a building (the only exception is in a closed machine approved for cleaning with flammable liquids).
e. Do not use, handle, or store Class B combustibles near exits, stairs, or any other areas normally used as exits.
f. Do not weld, cut, grind, or use unsafe electrical appliances or equipment near Class B combustibles.
g. Do not generate heat, allow an open flame, or smoke near Class B combustibles.
h. Know the location of and how to use the nearest portable fire extinguisher rated for Class B fire.

Water should not be used to extinguish Class B fires caused by flammable liquids. Water can cause the burning liquid to spread, making the fire worse. To extinguish a fire caused by flammable liquids, exclude the air around the burning liquid. The following fire-extinguishing agents are approved for Class B combustibles: carbon dioxide, multi-purpose dry chemical (ABC), halon 1301, and halon 1211. (**NOTE:** Halon has been determined to be an ozone-depleting substance and is no longer being manufactured. Existing systems using halon can be kept in place.)

F. Smoking

Smoking is prohibited at the facility.

–

- Be aware of chemicals of concern that can directly injure the skin or that can be absorbed into the bloodstream and subsequently transported to other organs.
- Know that skin absorption is enhanced by abrasions, cuts, heat, and moisture.
- Do not wear contact lenses in contaminated atmospheres (since they may trap chemicals against the eye surface). The eye is particularly vulnerable because airborne chemicals can dissolve in its moist surface and be carried to the rest of the body through the bloodstream (capillaries are very close to the surface of the eye).
- Keep hands away from face.
- Minimize contact with liquid and solid chemicals.

Wear protective clothing (e.g., suits and gloves) as required by the Health and Safety Plan

– .

* Adhere to the 0.05 mg/m^3 action level for dust

* Be aware that the lungs are extremely vulnerable to chemical agents. Even substances that do not directly affect the lungs may pass through lung tissue into the bloodstream, where they are transported to other vulnerable areas of the body.

* Know the odor and odor threshold of the chemicals of concern. Some toxic chemicals present in the atmosphere may not be detected by human senses (i.e., they may be odorless and colorless, and their toxic effects may not produce any immediate symptoms).

* Use engineering controls to reduce vapor concentrations (e.g., ventilation) or dusty atmospheres (e.g., dust suppression techniques).

* Wear respiratory protection as indicated by air monitoring results and/or as required by the Health and Safety Plan.

* Conduct work zone air monitoring as required by the Health and Safety Plan.

Appendix E

Personal Protective Equipment Per Task

Applies to Task: ☒ **1.Excavation, soil sampling, well installation, GW sampling and capping**

☒ *Modified Level D**		☐ *Level C**		☐ *Level B**	
Equipment	***Material/ Type***	***Equipment***	***Material/Type***	***Equipment***	***Material/Type***
☒ Protective clothing	Long sleeve shirt and long pants, Tyvek coveralls	☐ Full-face air-purifying respirator	Cartridge Type:	☐ SCBA (pressure demand)	
☒ Outer gloves	Nitrile	☐ Half-mask air-purifying respirator	Cartridge Type:	☐ Air-line System (pressure demand)	
☐ Outer boots		☐ Protective clothing		☐ Protective clothing	
☒ Hard hat		☐ Outer gloves		☐ Outer gloves	
☒ Safety glasses May include full-face shield		☐ Inner gloves		☐ Inner gloves	
☒ Hard-toed boots		☐ Outer boots		☐ Outer boots	
☒ Hearing protection		☐ Hard hat**		☐ Hard hat**	
☐ Other:		☐ Safety glasses**		☐ Hard-toed boots**	
		☐ Hard-toed boots**		☐ Hearing protection**	
		☐ Hearing protection**		☐ Escape respirator**	
		☐ Other:		☐ Safety “tag” rope**	
				☐ Other:	

* If checked, indicates initial level of PPE. Other completed columns indicate information to upgrade/downgrade.

** Optional as applicable

Appendix F

Contractor and Outside Company HASP Consent Agreement

I have reviewed the health and safety plan prepared by EarthCon Inc., dated _____, for the _____ site fieldwork. I understand the purpose of the plan, and I consent to adhere to its policies, procedures, and guidelines.

Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
Employee signature / Print	Firm	Date
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Appendix G

OSHA Onsite Training Documentation Form

After completion of the OSHA 40-hour training class, 29 CFR 1910.120 states that 3 days of onsite experience under the direct supervision of a trained, experienced supervisor are required to complete the OSHA HAZWOPER training requirements. This form is to be used to document this requirement, and shall be completed by a qualified supervisor (i.e., someone who has completed the 8-hour supervisory training class). Upon completion of this form, please submit it to the EarthCon project manager.

EMPLOYEE INFORMATION

Name: _____

Signature: _____

40-Hour Training Completion Date: _____

Dates of Onsite Training: _____

Name of Site: _____

Type of Site: _____

SUPERVISOR CERTIFICATION

Supervisor: _____

Signature: _____

Appendix H –

Health & Safety Inspection Checklist

Project: _____ Date: _____

Inspected by: _____

Category	***Observations/Corrective Actions (N/A, if Not Applicable)***
Pre-field activity briefing records are current	
Tailgate meeting records are current	
Training/medical surveillance/respiratory protection records are current	
Site map is posted	
Buddy system is implemented	
Work zones are identified	
Site access is controlled	
Visitors are escorted	
On-site/off-site communications are in working order	
Safe work practices are implemented	
Any additional hazards incurred?	
Air monitoring equipment is in working condition	
Air monitoring records are being recorded in field logbook	
Air monitoring calibration records are recorded in field logbook	
PPE storage area is neat and organized	
Standard operating procedures are implemented	
Housekeeping at decontamination zone is appropriate	
Decontamination procedures are implemented	
Emergency response equipment is in working condition	
Route to hospital is posted	
Confined space entry program is implemented	
Spill containment equipment is available	
Chemical inventory is up to date	
Safety data sheets are available	
Primary and secondary containers are properly labeled	
Housekeeping at the chemical storage area is appropriate	

APPENDIX B

O&M Inspection Form

GENERAL INFORMATION	
Site Location	1375 Magnolia Avenue, Corona, California
Inspector's Name	
Inspector's Title	
Signature	
Type of Inspection	Annual_____ Unplanned Event_____ (If marked, Reason_____)
Date of Inspection	

	Yes	No	Corrective Action
Evidence of any "penetrating cracks"? (Penetrating cracks are defined as any crack visible at the surface).			
Location? Measurements – L_____ W____ Base material and/or soil exposed? Vegetation present? Surface deterioration present? Difference in elevation?			
Location? Measurements – L_____ W____ Base material and/or soil exposed? Vegetation present? Surface deterioration present? Difference in elevation?			
Location? Measurements – L_____ W____ Base material and/or soil exposed? Vegetation present? Surface deterioration present? Difference in elevation?			
Photographs taken?			
Evidence of ponded water?			
Location? Source?			
Location? Source?			
Location? Source?			
Photographs taken?			
Are areas present identified as having differential settlement?			
Location? Measurements– L_____ W____ D_____			
Were any of the following observed:			
Cap disturbing activities			
Activities that bring soil to the surface,			

	Yes	No	Corrective Action
Unauthorized Site use for residential, or			
Unauthorized Site use for a school or day care for children under 18 years of age.			
Additional Comments:			

APPENDIX C

RECORDING REQUESTED BY:

Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719

WHEN RECORDED, MAIL TO:

Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630
Attention: A. Edward Morelan, Branch Chief
Site Mitigation and Restoration Program

And

U.S. Environmental Protection Agency
Region IX
Attention: PCB Coordinator (Land Chemicals and Redevelopment Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

LAND USE COVENANT AND AGREEMENT
ENVIRONMENTAL RESTRICTIONS

County of Riverside, Assessor Parcel Number(s): 107-030-022-3
Clow Valve Company
(Department Site Code 600876-48)

This Land Use Covenant and Agreement ("Covenant") is made by and between Clow Valve Company (the "Covenantor"), the current owner of property located at 1375 Magnolia Avenue, Corona in the County of Riverside, State of California (the "Property"), and the Department of Toxic Substances Control (the "Department"). Pursuant to Civil Code section 1471, the Department has determined that this Covenant is reasonably necessary to protect present or future human health or safety or the environment as a result of the presence on the land of hazardous materials as defined

in Health and Safety Code section 25260. The Covenantor and the Department hereby agree that, pursuant to Civil Code section 1471 and Health and Safety Code section 25202.5 the use of the Property be restricted as set forth in this Covenant and that the Covenant shall conform with the requirements of California Code of Regulations, title 22, section 67391.1. With respect to the Polychlorinated Biphenyls (PCBs) at the Property, the provisions of this Covenant shall be for the benefit of, and shall be enforceable by, the United States Environmental Protection Agency ("U.S. EPA"), as a third party beneficiary pursuant to general contract law, including but not limited to Civil Code section 1559.

ARTICLE I
STATEMENT OF FACTS

1.01. Property Location. The Property, located at 1375 Magnolia Avenue, Corona, County of Riverside, California, that is subject to this Covenant, totaling approximately 16 acres, is more particularly described in the attached Exhibit A, "Legal Description of the Property", and depicted in Exhibit B, "Plot Plan". The Property is located in the area generally bounded by Magnolia Avenue on the south, railroad tracks and El Camino Avenue on the west, and a storm water channel towards the north and east. The Property is also identified as County of Riverside, Assessor's Parcel Number 107-030-022-3.

(a) A limited portion of the Property is more particularly described in Exhibit C, "Legal Description of the Capped Property", and illustrated in Exhibit D, "Sketch", referred to as the "Capped Property". The "Capped Property", totaling approximately 9.964 acres of soil impacted by hazardous substances, is located on the northern portion of the Property now generally bounded by railroad and El Camino Avenue on the west, storm channel on the north and east. Its southern border runs parallel to Magnolia Avenue, approximately 195 feet north of Magnolia Avenue.

(b) A limited portion of the Property is more particularly described in Exhibit D as "Area 1" a Former Asphalt Dip Tank and as "Area2" a PCB Transformer area. Former Asphalt Dip Tank was previously located, approximately 620 feet north of Magnolia

Avenue, 510 feet east of El Camino Avenue, and 200 feet west of the storm channel western edge. The PCB Transformer area is located approximately 240 feet west of the storm channel western edge, 510 feet east of El Camino Avenue, and 600 feet north of Magnolia Avenue.

1.02. Hazardous Substances. Hazardous wastes, or constituents of hazardous waste, including Polychlorinated Biphenyl's (PCBs) (Total Aroclors up to a maximum of 2,220 milligrams per kilogram (mg/kg)), Total Petroleum Hydrocarbons (TPH) (up to a maximum of 9,300 mg/kg), arsenic (up to a maximum of 52.9 mg/kg), cadmium (up to a maximum of 43.9 mg/kg), hexavalent chromium (up to a maximum of 6.6 mg/kg), and lead (up to a maximum of 7,360 mg/kg) in soil, and volatile organic compounds, such as tetrachloroethylene (PCE) (up to a maximum of 3 microgram/liter (ug/l)), in the soil gas remain at the Property above levels acceptable for unrestricted land use.

As of February 25, 2021, PCB concentrations in the soil at the Former Asphalt Dip Tank Bottom and PCB Transformer exceed the level for unrestricted use and the USEPA's site-specific industrial risk-based threshold of 15 mg/kg. PCB concentrations present in soils of the PCB Transformer area exceed the California hazardous waste level of Total Threshold Limit Concentration (TTLC) of 50 mg/kg.

As of February 25, 2021, lead concentrations detected in the soil at the Capped Property exceeded 320 milligrams per kilogram, a level deemed safe by DTSC for the continued use of the Site for industrial use and the TTLC of 1,000 mg/kg. A Human Health Risk Assessment (HHRA) was performed to evaluate the potential health risks associated with direct exposure of workers at the Property to soil containing Chemicals of Potential Concern (COPCs). Based on the HHRA, potential health risk to a commercial or industrial worker is $1x10^{-5}$ and to a construction worker is $2x10^{-4}$. The estimated Hazard Index (HI) for a commercial/industrial worker at the Property is 1.9, primarily due to the potential exposure to PCBs and cadmium. The estimated HI for a construction worker at the Property is 458. U.S. EPA recommends an HI of 1 or below and health risk below $1x10^{-6}$. The calculated risks were primarily associated with direct exposure to impacted soil and associated soil ingestion or dermal exposure, both of which will be eliminated by installation and maintenance of the capping materials described herein.

1.03. Remediation of Property. This Property has been investigated and/or remediated under the Department's oversight. The Department approved a Corrective Measures Study, dated February 19, 2018, prepared by EarthCon Consultants CA, Inc, in accordance with Health and Safety Code, Division 20, Chapter 6.5. The remediation activities at the Property include:

a) Construction of an approximately 5,000 square foot, 6-inch thick concrete or 3-inch thick asphalt cap in two areas encompassing approximately one-half acre, identified as Areas of Concern (AOCs), AOC-1 and AOC-5 (see Exhibit B).
b) Repair and maintenance of the existing asphalt and/or concrete surface cover of the Capped Property;
c) Soil Management Plan and Operation and Maintenance Plan preapproval by the Department for all future construction work involving soil excavation at the Capped Property; and,
d) Land use restriction recorded with the Riverside County Assessor's Office to prohibit sensitive uses.

1.04. PCB Remediation overseen by U.S. EPA. In addition to the corrective action measures for the Property under the Department's oversight, U.S. EPA approved with conditions the Risk-Based Approval Application submitted by EarthCon Consultants, CA, Inc. on behalf of Clow Valve Company dated April 9, 2019 to remediate PCBs at the Property. PCBs are regulated by the U.S. EPA pursuant to the Toxic Substances Control Act (TSCA), 15 U.S.C. Section 2601 et seq., and the PCB regulations at 40 Code of Federal Regulations (CFR) Part 761. This document is available in Envirostor, an online document repository at https://www.envirostor.dtsc.ca.gov/public/deliverable_documents/1318022012/2019-04-23_EPA%20to%20Clow%20Valve_761.61%28c%29_SIGNED.pdf

1.05. Basis for Environmental Restrictions. As a result of the presence of Hazardous Wastes, PCBs, TPH, arsenic, cadmium, lead, and PCE, which are also hazardous materials as defined in Health and Safety Code section 25260, at the Property, the Department has concluded that it is reasonably necessary to restrict the

use of the Property in order to protect present or future human health or safety or the environment, and that this Covenant is required as part of the Department-approved remedy for the Property. The Department has also concluded that the Property, as remediated and when used in compliance with the Environmental Restrictions of this Covenant, does not present an unacceptable risk to present and future human health or safety or the environment.

1.06. Land Use Covenant. A land use covenant is necessary to preclude potential users' exposure to hazardous substances that remain at the Property and to complete the remedy selected in the Corrective Measures Study. U.S. EPA, with the concurrence of the Department, has concluded that the Property, remediated to the goals presented in the Corrective Measures Study, subject to the restrictions of this Covenant, and used in compliance with such restrictions, does not present an unacceptable threat to present or future human health or safety or the environment. Additional information about the Site, including the 2019 PCB risk analysis by U.S. EPA, is available at the Envirostor, an online repository listed in paragraph 1.04, above.

ARTICLE II
DEFINITIONS

2.01. Department. "Department" means the California Department of Toxic Substances Control and includes its successor agencies, if any.

2.02. Environmental Restrictions. "Environmental Restrictions" means all protective provisions, covenants, restrictions, requirements, prohibitions, and terms and conditions as set forth in this Covenant.

2.03. Improvements. "Improvements" includes, but is not limited to buildings, structures, roads, driveways, improved parking areas, wells, pipelines, or other utilities.

2.04. Lease. "Lease" means lease, rental agreement, or any other document that creates a right to use or occupy any portion of the Property.

2.05. Occupant. "Occupant" or "Occupants" means Owner and any person or entity entitled by ownership, leasehold, or other legal relationship to the right to occupy any portion of the Property.

2.06. Owner. "Owner" or “Owners” means the Covenantor, and any successor in interest including any heir and assignee, who at any time holds title to all or any portion of the Property.

2.07. U.S. EPA. “U.S. EPA” means the United States Environmental Protection Agency, and includes its successor agencies, if any.

ARTICLE III
GENERAL PROVISIONS

3.01. Runs with the Land. This Covenant sets forth Environmental Restrictions that apply to and encumber the Property and every portion thereof no matter how it is improved, held, used, occupied, leased, sold, hypothecated, encumbered, or conveyed. This Covenant: (a) runs with the land pursuant to Civil Code section 1471 and Health and Safety Code section 25202.5; (b) inures to the benefit of and passes with each and every portion of the Property; (c) is for the benefit of, and is enforceable by the Department; and (d) is imposed upon the entire Property unless expressly stated as applicable only to a specific portion thereof.

3.02. Binding upon Owners/Occupants. This Covenant: (a) binds all Owners of the Property, their heirs, successors, and assignees; and (b) the agents, employees, and lessees of the Owners and the Owners’ heirs, successors, and assignees. Pursuant to Civil Code section 1471, all successive Owners of the Property are expressly bound hereby for the benefit of the Department; this Covenant, however, is binding on all Owners and Occupants, and their respective successors and assignees, only during their respective periods of ownership or occupancy except that such Owners or Occupants shall continue to be liable for any violations of, or non-compliance with, the Environmental Restrictions of this Covenant or any acts or omissions during their ownership or occupancy.

3.03. Written Notice of the Presence of Hazardous Substances. Prior to the sale, lease, assignment, or other transfer of the Property, or any portion thereof, the Owner, lessor, or sublessor shall give the buyer, lessee, or sublessee written notice of the existence of this Covenant and its Environmental Restrictions.

3.04. Incorporation into Deeds and Leases. This Covenant shall be

incorporated by reference in each and every deed and Lease for any portion of the Property.

3.05. Conveyance of Property. The Owner and new Owner shall provide Notice to the Department and the U.S. EPA not later than 30 calendar days after any conveyance or receipt of any ownership interest in the Property (excluding Leases, and mortgages, liens, and other non-possessory encumbrances). The Notice shall include the name and mailing address of the new Owner of the Property and shall reference the site name and site code as listed on page one of this Covenant. The notice shall also include the Assessor's Parcel Number(s) noted on page one. If the new Owner's property has been assigned a different Assessor Parcel Number, each such Assessor Parcel Number that covers the Property must be provided. The Department shall not, by reason of this Covenant, have authority to approve, disapprove, or otherwise affect proposed conveyance, except as otherwise provided by law or by administrative order.

3.06. Costs of Administering the Covenant to Be Paid by Owner. The Department has already incurred and will in the future incur costs associated with this Covenant. Therefore, the Covenantor hereby covenants for the Covenantor and for all subsequent Owners that, pursuant to California Code of Regulations, title 22, section 67391.1(h), the Owner agrees to pay the Department's costs in administering, implementing and enforcing this Covenant.

ARTICLE IV
RESTRICTIONS AND REQUIREMENTS

4.01. Prohibited Uses. The Property shall not be used for any of the following purposes without prior written approval by the Department pursuant to Health and Safety Code section 25227 and prior written notice to U.S. EPA :

(a) A residence, including single or multifamily housing, mobile homes, or factory-built housing constructed or installed for use as residential human habitation.

(b) A hospital for humans.

(c) A public or private school for persons under 18 years of age.

(d) A day care center or a playground for children.

4.02. Soil Management. Soil management activities at the Capped Property are subject to the following requirements in addition to any other applicable Environmental Restrictions:

(a) No activities that will disturb the soil at or below grade or below concrete (e.g., excavation, grading, removal, trenching, filling, earth movement, mining, or drilling) shall be allowed at the Property without a Soil Management Plan pre-approved by the Department and U.S. EPA in writing.

(b) Any soil brought to the surface by grading, excavation, trenching or backfilling shall be managed in accordance with all applicable provisions of state and federal law.

4.03. Prohibited Activities. The following activities shall not be conducted at the Property:

(a) Drilling for any water, oil, or gas without prior written approval by the Department.

(b) Extraction or removal of groundwater without a Groundwater Management Plan pre-approved by the Department in writing.

(c) Activity that may alter, interfere with, or otherwise affect the integrity or effectiveness of, or the access to, monitoring, operation or maintenance of the concrete cover at the Capped Property without prior written approval of the Department and U.S. EPA.

4.04. Written Notice of Covenant. Prior to any sale, lease, or rental of any portion of the Property, the Owner shall provide a copy of this Covenant to the buyer, lessee, or renter to ensure that the buyer, lessee, or renter is on notice of the restrictions and requirements of this Covenant. Prior to recordation of any easement on any portion of the Property, the Owner shall provide a copy of this Covenant to the easement holder to ensure that the easement holder is on notice of the restrictions and requirements of this Covenant. Covenantor shall also provide a copy of this Covenant to all existing Occupants and easement holders of record within 30 days of recording this Covenant.

4.05. Access for Department. The Department shall have reasonable right of entry and access to the Property for inspection, investigation, remediation, monitoring, and other activities as deemed necessary by the Department in order to protect human health or safety or the environment. Nothing in this instrument shall limit or otherwise affect the Department's right of entry and access, or authority to take response actions, under any applicable State Law.

4.06. Access for U.S EPA. The U.S. EPA shall have reasonable right of entry and access to the Property for inspection, investigation, remediation, monitoring, and other activities as deemed necessary by the U.S. EPA in order to protect human health or safety or the environment. Nothing in this instrument shall limit or otherwise affect U.S. EPA's right of entry and access, or U.S. EPA's authority to take actions, under any applicable law.

4.07. Access for Implementing Operation and Maintenance. The entity or person responsible for implementing the operation and maintenance activities, if any, shall have reasonable right of entry and access to the Property for the purpose of implementing such operation and maintenance activities until the Department determines that no further operation and maintenance activity is required.

4.08. Inspection and Reporting Requirements. The Owner shall conduct an annual inspection of the Property verifying compliance with this Covenant; shall submit an annual inspection report to the Department for its approval by January 15th of each year; and also send a copy to U.S. EPA. Attached as Exhibit F is a sample format for an annual inspection report. The annual inspection report must include the dates, times, and names of those who conducted the inspection and reviewed the annual inspection report. It also shall describe how the observations that were the basis for the statements and conclusions in the annual inspection report were performed (e.g., drive by, fly over, walk in, etc.). If any violation is noted, the annual inspection report must detail the steps taken to correct the violation and return to compliance. If the Owner identifies any violations of this Covenant during the annual inspection or at any other

time, the Owner must within 10 calendar days of identifying the violation: (a) determine the identity of the party in violation; (b) send a letter advising the party of the violation of the Covenant; and (c) demand that the violation cease immediately. Additionally, a copy of any correspondence related to the violation of this Covenant shall be sent to the Department and U.S. EPA within 10 calendar days of its original transmission.

4.09. Five-Year Review. In addition to the annual reviews noted above, after a period of five (5) years from January 15, 2021 and every five (5) years thereafter, Owner shall submit a Five-Year Review report documenting its review of the remedy implemented and its evaluation to determine if human health and the environment are being adequately protected by the remedy as implemented. The Owner shall submit this report to DTSC, and submit a copy to U.S. EPA. The report shall describe the results of all inspections, sampling analyses, tests and other data generated or received by Owner and evaluate the adequacy of the implemented remedy in protecting human health and the environment. As a result of any review work performed, Department may require Owner to perform additional review work or modify the review work previously performed by Owner.

4.10. Changes to Use or Condition of Property. Any changes to land use, movement of PCB contaminated soils, or discovery of new contamination requires notification to, and may require additional approval from, the U.S. EPA by the Owner and/or Occupant.

4.11. Access for Five-Year Reviews. The entity, person or persons responsible for Five-Year Reviews shall have reasonable right of entry and access to the Property for the purpose of implementing these activities. Such right of entry and access shall continue until such time as the U.S. EPA and DTSC both determine that no further Five-Year Review activities are required.

ARTICLE V
ENFORCEMENT

5.01. Enforcement. Failure of the Owner or Occupant to comply with this Covenant shall be grounds for the Department to require modification or removal of any Improvements constructed or placed upon any portion of the Property in violation of this

Covenant. Violation of this Covenant, such as failure to submit (including submission of any false statement) record or report to the Department, shall be grounds for the Department to pursue administrative, civil, or criminal actions, as provided by law.

5.02. Enforcement Rights of U.S. EPA as Third-Party Beneficiary. U.S. EPA, as a third-party beneficiary, has the right to enforce the Environmental Restrictions contained herein.

ARTICLE VI
VARIANCE, REMOVAL AND TERM

6.01. Variance from Environmental Restrictions. Any person may apply to the Department for a written variance from any of the Environmental Restrictions imposed by this Covenant. Such application shall be made in accordance with Health and Safety Code section 25223. A copy of the application shall be submitted to the U.S. EPA simultaneously with the application submitted to the Department. No variance may be granted under this paragraph without prior notice and opportunity to comment by U.S. EPA.

6.02 Termination, Modification, and/or Removal of Environmental Restrictions. Any person may apply to the Department to terminate, modify, and/or remove any or all of the Environmental Restrictions imposed by this Covenant or terminate the Covenant in its entirety. Such application shall be made in accordance with Health and Safety Code section 25224 and a copy of the application shall be submitted to U.S. EPA simultaneously with the application submitted to the Department. No termination may be granted under this paragraph without prior notice to and opportunity to comment by U.S. EPA.

6.03 Term. Unless ended in accordance with paragraph 6.02, by law, or by the Department in the exercise of its discretion, this Covenant, after providing notice to and an opportunity to comment by U.S. EPA, shall continue in effect in perpetuity.

ARTICLE VII
MISCELLANEOUS

7.01. No Dedication Intended. Nothing set forth in this Covenant shall be

construed to be a gift or dedication, or offer of a gift or dedication, of the Property, or any portion thereof, to the general public or anyone else for any purpose whatsoever.

7.02. Recordation. The Covenantor shall record this Covenant, with all referenced Exhibits, in the County of Riverside within 10 calendar days of the Covenantor's receipt of a fully executed original. The Covenantor shall also provide copies showing the County Recorder's tracking information of its recording (i.e., document number or book and page number information) to the Department and U.S. EPA within ten (10) days of receiving it from the County Recorder's Office.

7.03. Notices. Whenever any person gives or serves any Notice ("Notice" as used herein includes any demand or other communication with respect to this Covenant), each such Notice shall be in writing and shall be deemed effective: (a) when delivered, if personally delivered to the person being served or to an officer of a corporate party being served; or (b) five calendar days after deposit in the mail, if mailed by United States mail, postage paid, certified, return receipt requested:

To Owner:
Mark Willett, General Manager
Clow Valve Company
1375 Magnolia Avenue
Corona, California 91719
And

To Department:
A. Edward Morelan, Chief
Cypress Cleanup Branch
Site Mitigation and Restoration Program
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

To U.S. EPA:
U.S. Environmental Protection Agency
Region IX
Attention**:** PCB Coordinator (Land Chemicals and Redevelopment Division)
75 Hawthorne Street
San Francisco, CA 94105-3901

Any party may change its address or the individual to whose attention a Notice is to be

sent by giving advance written Notice in compliance with this paragraph.

7.04. Partial Invalidity. If this Covenant or any of its terms are determined by a court of competent jurisdiction to be invalid for any reason, the surviving portions of this Covenant shall remain in full force and effect as if such portion found invalid had not been included herein.

7.05. Statutory References. All statutory or regulatory references include successor provisions.

7.06. Incorporation of Exhibits. All exhibits and attachments to this Covenant are incorporated herein by reference.

IN WITNESS WHEREOF, the Covenantor and the Department hereby execute this Covenant.

Covenantor: Clow Valve Company

By: _____ Date: _____

Name and Title: Mark Willett, General Manager

Department of Toxic Substances Control:

By: _____ Date: _____

Name and Title: A. Edward Morelan, Chief
Cypress Cleanup Branch
Site Mitigation and Restoration Program

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me,

_____

(space above this line is for name and title of the officer/notary),

personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

_____ (seal)

Signature of Notary Public

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me,

_____

(space above this line is for name and title of the officer/notary),

personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

_____ (seal)

Signature of Notary Public

Exhibit A – “Legal Description” – APN 107-030-022-3

Exhibit B – “Plot Plan” - APN 107-030-022-3

Exhibit C – “Capped Property” - Legal Description

Exhibit D – ”Capped Property” - Sketch

Exhibit E – “AOC7 – Transformer Area 1”,

Exhibit F – “LUC Sample Annual inspection Report”

EXHIBIT "A"

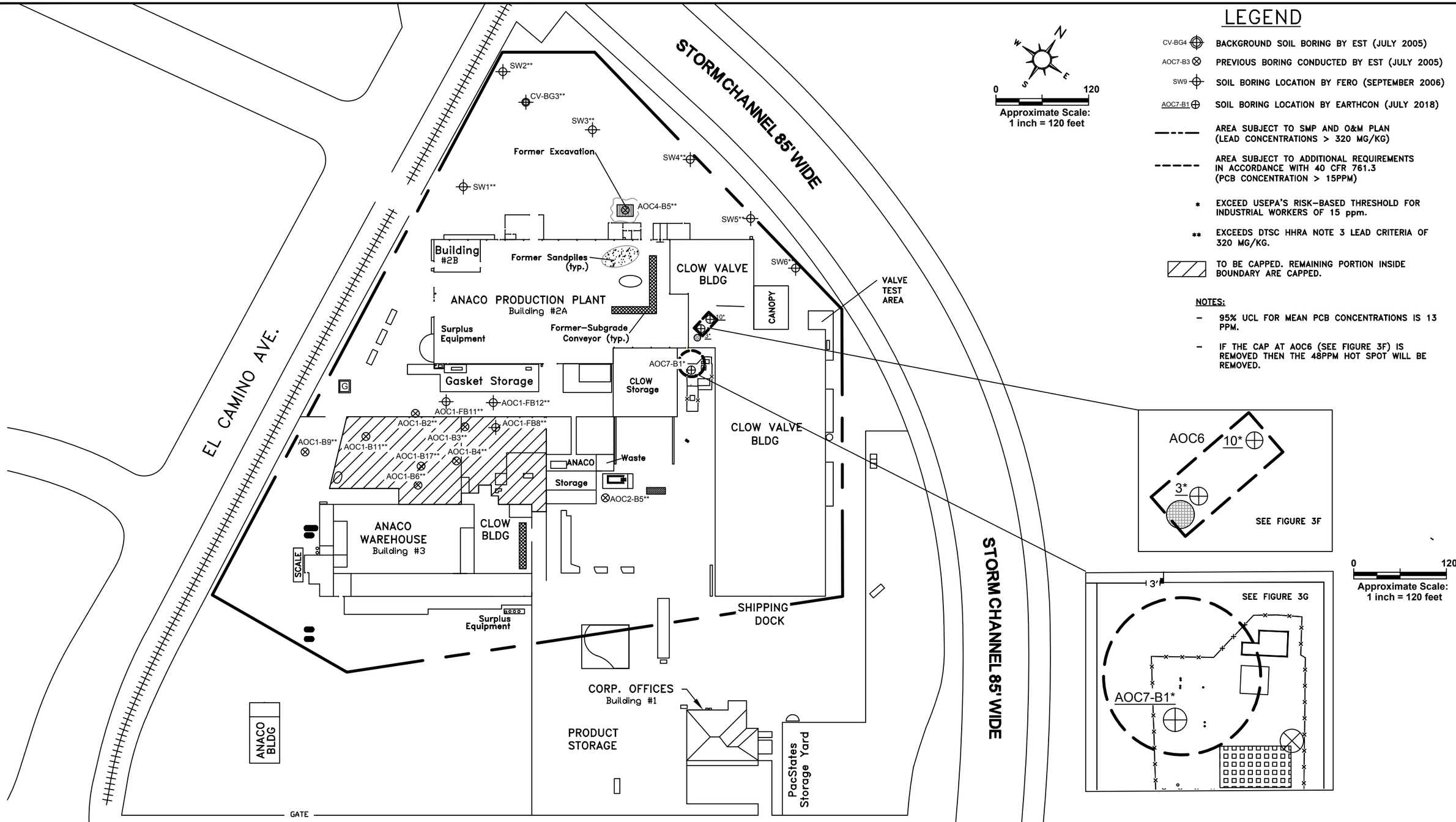
LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS; ON THE WEST BY THE EASTERLY LINE OF THE PORPHYRY SPUR OF THE ATCHISON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84-227367 AND RE-RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85-028214 BOTH OF OFFICIAL RECORDS.

APN: 107-030-022-3



LEGEND

- CV-BG4 ⊕ BACKGROUND SOIL BORING BY EST (JULY 2005)
- AOC7-B3 ⊗ PREVIOUS BORING CONDUCTED BY EST (JULY 2005)
- SW9 ⊕ SOIL BORING LOCATION BY FERO (SEPTEMBER 2006)
- AOC7-B1 ⊕ SOIL BORING LOCATION BY EARTHCON (JULY 2018)
- AREA SUBJECT TO SMP AND O&M PLAN (LEAD CONCENTRATIONS > 320 MG/KG)
- AREA SUBJECT TO ADDITIONAL REQUIREMENTS IN ACCORDANCE WITH 40 CFR 761.3 (PCB CONCENTRATION > 15PPM)
- * EXCEED USEPA'S RISK-BASED THRESHOLD FOR INDUSTRIAL WORKERS OF 15 ppm.
- ** EXCEEDS DTSC HHRA NOTE 3 LEAD CRITERIA OF 320 MG/KG.
- TO BE CAPPED. REMAINING PORTION INSIDE BOUNDARY ARE CAPPED.

NOTES:

- 95% UCL FOR MEAN PCB CONCENTRATIONS IS 13 PPM.
- IF THE CAP AT AOC6 (SEE FIGURE 3F) IS REMOVED THEN THE 48PPM HOT SPOT WILL BE REMOVED.

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

EARTHCON®
EARTHCON CONSULTANTS CA, INC
1500 SOUTH SUNKIST STREET, SUITE D, ANAHEIM, CA 92806

LUC Exhibit B
SITE PLAN WITH AREAS SUBJECT TO THE LAND USE COVENANT

DRAWN:	CHECKED:	DATE:	FIGURE:
AB	JB	05/12/21	4A

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD 2019\SP 05-12-21_F4.dwg (Subject area) 05/20/21 1314 - abasford

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EXHIBIT "C"

LEGAL DESCRIPTION

Portion of APN 107-030-022

BEING IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA. THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATION COMPANY, AS SHOWN ON MAP FILED IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, DESCRIBED AS FOLLOWS:

COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COMPTON AVENUE (ALSO KNOWN AS EL CAMINO AVENUE) AND THE CENTERLINE OF TEMESCAL CREEK CHANNEL AS SHOWN ON RECORD OF SURVEY FILED IN BOOK 71, PAGES 7 THROUGH 11, INCLUSIVE, OF RECORDS OF SURVEY IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, THENCE, SOUTHEASTERLY ALONG THE CENTERLINE OF SAID TEMESCAL CREEK CHANNEL, SOUTH 79°49'49" EAST (SHOWN AS S79°48'46" EAST ON SAID RECORD OF SURVEY), 477.06 FEET; THENCE, LEAVING SAID CENTERLINE, SOUTH 10°22'04" WEST, 84.25 FEET TO THE TRUE POINT OF BEGINNING FOR THIS DESCRIPTION; THENCE, NORTH 79°37'56" WEST, 269.59 FEET; THENCE, SOUTH 56°04'15" WEST, 116.07 FEET TO A POINT ON THE EASTERLY LINE OF A.T.&S.F. RAILROAD RIGHT OF WAY AS SHOWN ON SAID RECORD OF SURVEY; THENCE, SOUTHERLY ALONG SAID EASTERLY RIGHT OF WAY LINE, SOUTH 05°28'23" EAST, 800.61 FEET; THENCE, LEAVING SAID EASTERLY RIGHT OF WAY, NORTH 83°44'45" EAST, 203.93 FEET; THENCE, NORTH 47° 08'29" EAST, 630.00 FEET; THENCE, NORTH 34°06'13" WEST, 404.00 FEET; THENCE, NORTH 79°37'56" WEST, 155.41 FEET TO THE TRUE POINT OF BEGINNING.

TOGETHER WITH TWO AREAS WITHIN THE ABOVE DESCRIBED EASEMENT, THE FIRST BEING DESCRIBED AS FOLLOWS: AREA 1, COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF COMPTON AVENUE (ALSO KNOWN AS EL CAMINO AVENUE) AND THE CENTERLINE OF TEMESCAL CREEK CHANNEL AS SHOWN ON RECORD OF SURVEY FILED IN BOOK 71, PAGES 7 THROUGH 11, INCLUSIVE, OF RECORDS OF SURVEY IN THE OFFICE OF THE COUNTY RECORDER OF RIVERSIDE COUNTY, THENCE, SOUTHEASTERLY ALONG THE CENTERLINE OF SAID TEMESCAL CREEK CHANNEL, SOUTH 79°49'49" EAST (SHOWN AS S79°48'46" EAST ON SAID RECORD OF SURVEY), 477.06 FEET; THENCE, LEAVING SAID CENTERLINE, SOUTH 10°22'04" WEST, 214.25 FEET; THENCE, SOUTH 79°49'49" EAST, 75.15 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 1; THENCE, SOUTH 79°49'49" EAST, 30.00 FEET; THENCE, SOUTH 10°10'11" WEST, 30.00 FEET; THENCE, NORTH 79°49'49" WEST, 30.00 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "A"; THENCE, NORTH 10°10'11" EAST, 30.00 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 1.

EXHIBIT "C"
LEGAL DESCRIPTION
(Continued)

AREA 2, COMMENCING AT THE POINT HEREINBEFORE REFERRED TO AS POINT "A", THENCE, SOUTH 10°10'11" WEST, 13.15 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 2; THENCE, SOUTH 10°10'11" WEST, 60.00 FEET; THENCE, SOUTH 79°49'49" EAST, 60.00 FEET; THENCE, NORTH 10°10'11" EAST, 60.00 FEET; THENCE, NORTH 79°49'49" WEST, 60.00 FEET TO THE TRUE POINT OF BEGINNING FOR SAID AREA 2.

THE ABOVE DESCRIBED GROSS AREA EASEMENT CONTAINS 422,249 SQ.FT., 9.694 ACRES MORE OR LESS.

THE ABOVE DESCRIBED AREA 1 CONTAINS 900 SQ.FT., 0.021 ACRES MORE OR LESS.

THE ABOVE DESCRIBED AREA 2 CONTAINS 3,600 SQ.FT., 0.083 ACRES MORE OR LESS.

As shown on Exhibit "B" attached hereto and by this reference made a part hereof.

Prepared by:



Douglas Boynton, PLS4787
(562) 426-6464
March 17, 2020

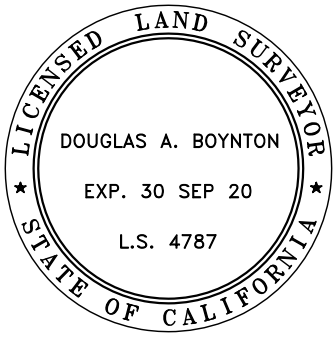
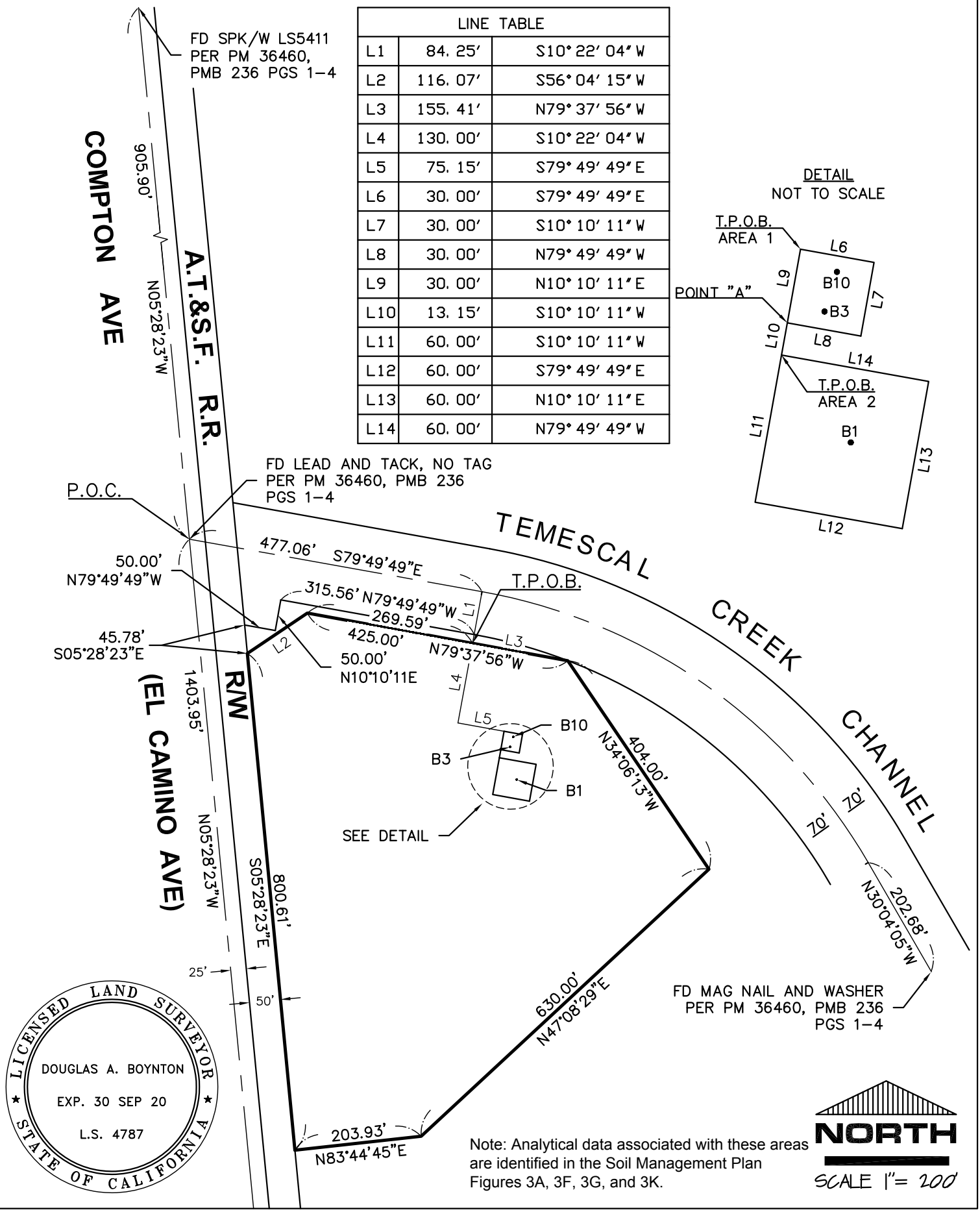


EXHIBIT "D"

Sketch to accompany Legal Description



LINE TABLE		
L1	84. 25'	S10° 22' 04" W
L2	116. 07'	S56° 04' 15" W
L3	155. 41'	N79° 37' 56" W
L4	130. 00'	S10° 22' 04" W
L5	75. 15'	S79° 49' 49" E
L6	30. 00'	S79° 49' 49" E
L7	30. 00'	S10° 10' 11" W
L8	30. 00'	N79° 49' 49" W
L9	30. 00'	N10° 10' 11" E
L10	13. 15'	S10° 10' 11" W
L11	60. 00'	S10° 10' 11" W
L12	60. 00'	S79° 49' 49" E
L13	60. 00'	N10° 10' 11" E
L14	60. 00'	N79° 49' 49" W

LICENSED LAND SURVEYOR
DOUGLAS A. BOYNTON
EXP. 30 SEP 20
L.S. 4787
STATE OF CALIFORNIA

Note: Analytical data associated with these areas are identified in the Soil Management Plan Figures 3A, 3F, 3G, and 3K.

NORTH

SCALE 1"= 200'

EXHIBIT F

LAND USE COVENANT
SAMPLE ANNUAL INSPECTION REPORT (2 Pages)

Site name:

Site address:

Current Site owner:

Date and times of inspection:

Name(s) of individual(s) who performed inspection:

How inspection observations were made (e.g. drive-by, fly-over, walking the Property):

1. Since the last annual inspection, has there been a change in the land use, such that there are now residences, a hospital for humans, a public or private school for persons under 21 years of age, or a day care center for children on the restricted Property?
   ☐ Yes ☐ No ☐ Not an applicable restriction

2. Since the last annual inspection, has the soil been disturbed on the restricted Property? Was evidence of soil disturbance observed on the restricted Property during the inspection?
   ☐ Yes ☐ No ☐ Not an applicable restriction

3. Since the last annual inspection, has there been any drilling on the restricted Property? Was evidence of drilling observed on the restricted Property during the inspection?
   ☐ Yes ☐ No ☐ Not an applicable restriction

Cap Condition

4. Since the last annual inspection, has there been any damage to, disturbance of, or modifications to the existing building foundation and/or surrounding pavement that serves as the cap over contaminated soil?
   ☐ Yes ☐ No

5. Has there been any damage to, disturbance of, or modifications to the asphalt/concrete Cap covering the restricted Property?
   ☐ Yes ☐ No

Land Use Covenant Compliance

6. Has there been a change in the land use of the property from commercial/industrial?
   ☐ Yes ☐ No

If the response to any of the above questions is yes, describe the circumstances.

Photos should be attached to this report that show the use of the Restricted Property at the time of the inspection and the condition of any Caps on the restricted Property. Photos showing any cracks in or damage to the Cap should also be included.

I certify under penalty of law that this document and all attachments were prepared by me or under my direction or supervision. With the exception of any areas of non-compliance noted above, all uses and activities on the restricted Property were found to be in compliance with the restrictions and requirements of the Land Use Covenant. Based on my personal knowledge or inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

_____ _____

Signature of Property Owner or Representative Date

_____ _____

Print Name Title

APPENDIX D

Department of Toxic Substances Control

Jared Blumenfeld
Secretary for
Environmental Protection

Meredith Williams, PhD
Director
5796 Corporate Drive
Cypress, California 90620

Gavin Newsom
Governor

FINANCIAL ASSURANCE COST ESTIMATE VALIDATION MEMORANDUM

TO: Irena Edwards
Environmental Scientist
Site Mitigation and Restoration Program
DTSC Cypress Office

FROM: Christine P. Brown, P.E.
Hazardous Substances Engineer
Engineering Services, Southern California
Engineering and Special Projects Office

REVIEWER: Perry Myers, P.E.
Unit Chief, Engineering Services North
Engineering and Special Projects Office, Sacramento

SUBJECT: REVIEW OF THE FINANCIAL ASSURANCE OPERATION AND MAINTENANCE COST ESTIMATE FOR CLOW VALVE COMPANY, 1375 MAGNOLIA AVENUE, CORONA, RIVERSIDE COUNTY, CALIFORNIA (Site Code: DTSC600876)

DATE: May 28, 2021

Documents Reviewed

The result of this review is limited to the following documents, or sections thereof:

1. Operation and Maintenance Cost Estimate, part of Response to Comments, dated April 21, 2021, provided by EarthCon Consultants, CA.

COST ESTIMATE REVIEW

The Department of Toxic Substances Control's (DTSC's) Cost Estimating Work Group (CEWG) engineering staff reviewed the Operation and Maintenance Financial Assurance Cost Estimate for the Clow Valve Company in Corona, Riverside County, California to determine if the estimated dollar amount is sufficient for compliance with the financial assurance cost estimate requirements established for the site. This memorandum provides the findings of our review. CEWG provided a previous memorandum dated March 8, 2021 with review of the corrective action cost estimate. All comments in that memorandum have been adequately addressed.

BACKGROUND

The following information is taken from the Revised Corrective Measures Study (CMS) dated February 19, 2018.

The Site was originally developed for the production of iron pipes and connections by American Foundry in approximately 1950. In 1960, Rich Manufacturing of Los Angeles acquired the property and moved their iron pipe manufacturing business to the Corona location, adding additional structures in 1967 for the machine shop and brass foundry. Clow Valve, a manufacturer of wrought iron pipe and other foundry products as early as 1878, acquired Rich Manufacturing Company of Corona in 1972. This acquisition added the wet barrel fire hydrant to Clow Valve's product line of waterworks products. In 1985, McWane, Inc. purchased all Clow Corporation's stock and Clow became a wholly owned subsidiary and eventually operating division of McWane.

Current manufacturing processes include machining, testing, coating, and shipping wet barrel fire hydrants. Finished valves are also stored and distributed from this location. Anaco, Clow Valve's sister company, is also on-Site and is engaged in the manufacturing of rubber soil pipe couplings. Two other McWane Divisions, McWane Ductile-Utah and Tyler Union operate product distribution centers on the Site.

Site soils are comprised of Holocene Older and Younger alluvium and bedrock. The younger alluvium consists of unconsolidated sand, gravel, and silt. The older alluvium consists of semi-consolidated buff to dark brown sand, gravel, and silt. During previous site investigations, groundwater beneath the Site was encountered at approximately 47 ft bgs in coarse granular material composed of sand and gravel. The regional aquifer is reported to start at 124 ft bgs.

As a result of facility operations, site soils have been contaminated with lead, TPH and polychlorinated biphenyls (PCBs), and 1,1,2,2-tetrachloroethane has been found in soil gas. The CMS proposed a combined remedial approach including engineering controls (capping system – asphalt-concrete pavement), excavation with off-site disposal for soils

with high concentrations of PCBs (concentrations exceeding 100 mg/kg), and institutional controls (Soil Management Plan and Use Covenant). The remediation of PCB contamination is regulated by USEPA. Corrective Measures are ongoing.

The Scope of Work for the Operation and Maintenance activities at the site includes:

- Pavement inspection, maintenance, and repair.
- Land Use Covenant inspection and reporting.
- DTSC oversight

Based on my review of the above listed document, I have concluded that the Financial Assurance Cost Estimate for $1,559,685.16 in 2021-year dollars is valid and reasonably estimates the costs for a third party to perform the Scope of Work in the event the Owner or Operator will not.

The Cost Estimating Working Group (CEWG) review was based on the information available at the time the review was performed and does not constitute a guarantee of the accuracy of the assumptions used by the responsible party to develop their financial assurance cost estimate. The review of this financial assurance cost estimate is not intended to be all-inclusive as this review does not include a technical assessment and evaluation of the remedial design/controlling document or the accuracy and reliability of data used to support the assumptions.

The Financial Assurance Cost Estimate and supporting documentation was reviewed under the responsible charge of the following qualified Civil Engineer licensed in the State of California.

Seal

Name: Christine P. Brown, P.E.



Signature: Christine P. Brown Date: May 28, 2021

Quality Assurance Reviewer: Perry Myers Date: May 28, 2021

EarthCon Consultants CA, Inc.
1500 South Sunkist Street
Suite D
Anaheim, CA 92806

P: 714-500-5400
www.earthcon.com

April 21, 2021

Irena Edwards
Department of Toxic Substances Control
5796 Corporate Ave
Cypress, California 90630

SUBJECT: RESPONSE TO COMMENTS

***FINANCIAL ASSURANCE COST ESTIMATE REVIEW* – CLOW VALVE COMPANY, 1375 MAGNOLIA AVENUE, CORONA. 22120-600876-48 WR:20039018**

Dear Ms. Edwards,

EarthCon Consultants CA, Inc. (EarthCon) on behalf of Clow Valve Company (Clow), is submitting this Response to Comments (RTC) letter addressing the DTSC comments provided on the *Financial Assurance Cost Estimate Review* letter dated March 8, 2021. Based on the comments provided, the RTCs associated with the requested information are provided below:

Comment 1: *The cost estimate should include a basis of estimate that describes the tasks involved and costs for each task. Line items should be included under each task. Cost data should include unit costs, materials, labor, and equipment and show adequate detail to allow CEWG to verify the cost estimate.*

Response: Line items for the individual tasks are provided in Appendix A. The general tasks include annual site inspections, cover operations and maintenance (O&M), and DTSC oversight. The costs associated with O&M of the asphalt cover utilize the City of Corona's Public Works form titled Quantity Estimate for Public Improvements (see Appendix B). This form includes materials, labor, and equipment in their cost estimate. In addition, when redevelopment activities occur the associated details will be utilized to prepare a revised O&M cost estimate.

Comment 2: *A figure showing the capped area of the site should be included with the cost estimate. The areal extent of the cap should be specified in the cost estimate. An engineering description of the cap should also be included in the basis of the estimate.*

Response: A copy of the grading plan is provided in Appendix B. The areal extent of the cap is identified on page one of the plans and is also utilized for the area calculations for the maintenance associated with AOC1/AOC5. Additionally, a description of the cap is included in the text portions of the grading plan documents.

Comment 3: *The asphalt pavement maintenance should include costs for crack repair, fog/slurry seal, and pavement resurfacing. CEWG recommends a resurfacing interval of 10 years.*

Response: As noted in Comment 1, line items for the individual tasks are provided in Appendix A. This includes minor crack repair, fog/slurry seal, and pavement resurfacing. As requested, the resurfacing interval of 10 years is included.

Comment 4: *DTSC oversight costs, including Land Use Covenant oversight, should be specified in the cost estimate.*

Response: As noted in Comment 1, the DTSC oversight costs are included. See Appendix A.

Comment 5: *A contingency should be included in the cost estimate. CEWG recommends at least a 15% contingency.*

Response: A 15% contingency is included. See Appendix A.

Comment 6: *The cost estimate should be prepared by a California licensed professional engineer because the operation and maintenance activities involve civil engineering. The cost estimate should be dated, signed, and stamped by the engineer in responsible charge who prepared the cost estimate.*

Response: The cost estimates have been approved and certified by a California licensed professional civil engineer. Please see the estimates provided in Appendix A.

If there are any questions regarding this letter, please contact one of the undesigned at 714-500-5400.

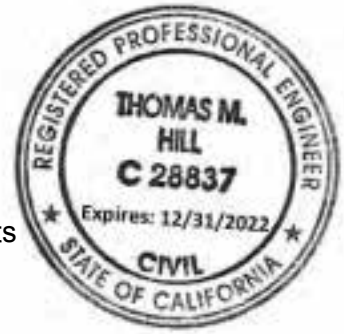
Respectfully submitted,

Rebecca Sundilson
Senior Scientist

Jeffrey D. Bennett, P.G. 6027
Principal Hydrogeologist



Thomas M. Hill, PE 28837
Professional Engineer



Enclosure: Appendix A - Cost Estimate Spreadsheets
Appendix B - Supporting Documentation

O&M COST ESTIMATE - ASPHALT COVER 30 YEAR

ANNUAL SITE INSPECTIONS				
Year	Fee*	Unit	# of Units	Subtotal
1	$2,500	Per Inspection	1	$2,500
2	$2,575	Per Inspection	1	$2,575.00
3	$2,652	Per Inspection	1	$2,652.25
4	$2,732	Per Inspection	1	$2,731.82
5	$5,628	Per Inspection	1	$5,627.54
6	$2,898	Per Inspection	1	$2,898.19
7	$2,985	Per Inspection	1	$2,985.13
8	$3,075	Per Inspection	1	$3,074.68
9	$3,167	Per Inspection	1	$3,166.93
10	$6,524	Per Inspection	1	$6,523.87
11	$3,360	Per Inspection	1	$3,359.79
12	$3,461	Per Inspection	1	$3,460.58
13	$3,564	Per Inspection	1	$3,564.40
14	$3,671	Per Inspection	1	$3,671.33
15	$7,563	Per Inspection	1	$7,562.95
16	$3,895	Per Inspection	1	$3,894.92
17	$4,012	Per Inspection	1	$4,011.77
18	$4,132	Per Inspection	1	$4,132.12
19	$4,256	Per Inspection	1	$4,256.08
20	$8,768	Per Inspection	1	$8,767.53
21	$4,515	Per Inspection	1	$4,515.28
22	$4,651	Per Inspection	1	$4,650.74
23	$4,790	Per Inspection	1	$4,790.26
24	$4,934	Per Inspection	1	$4,933.97
25	$10,164	Per Inspection	1	$10,163.97
26	$5,234	Per Inspection	1	$5,234.44
27	$5,391	Per Inspection	1	$5,391.48
28	$5,553	Per Inspection	1	$5,553.22
29	$5,720	Per Inspection	1	$5,719.82
30	$11,783	Per Inspection	1	$11,782.83
			Inspection Subtotal	**$144,153**

*3% annual increase

**Includes 5 Year Evaluation (2X Routine Inspection Costs)

See Supporting Calculations

COVER O&M		
Year	Task Item	Estimate*
1	Minor Crack Repair	$ 1,244.85
2	Minor Crack Repair	$ 1,282.20
3	Minor Crack Repair	$ 1,320.66
4	Minor Crack Repair	$ 1,360.28
5	Seal Coat	$ 136,132.56
6	Minor Crack Repair	$ 1,443.12
7	Minor Crack Repair	$ 1,486.42
8	Minor Crack Repair	$ 1,531.01
9	Minor Crack Repair	$ 1,576.94
10	Resurfacing	$ 193,616.59
11	Minor Crack Repair	$ 1,672.97
12	Minor Crack Repair	$ 1,723.16
13	Minor Crack Repair	$ 1,774.86
14	Minor Crack Repair	$ 1,828.10
15	Seal Coat	$ 140,656.36
16	Minor Crack Repair	$ 1,939.44
17	Minor Crack Repair	$ 1,997.62
18	Minor Crack Repair	$ 2,057.55
19	Minor Crack Repair	$ 2,119.27
20	Resurfacing	$ 199,934.96
21	Minor Crack Repair	$ 2,248.34
22	Minor Crack Repair	$ 2,315.79
23	Minor Crack Repair	$ 2,385.26
24	Minor Crack Repair	$ 2,456.82
25	Seal Coat	$ 141,303.93
26	Minor Crack Repair	$ 2,606.44
27	Minor Crack Repair	$ 2,684.63
28	Minor Crack Repair	$ 2,765.17
29	Minor Crack Repair	$ 2,848.13
30	Resurfacing	$ 200,685.68
	Cover O&M Subtotal	**$ 1,058,999.10**

*3% annual increase

**Per City of Corona-Quanity Estimate for Public Improvements (March 2018)

See Supporting Calculations

DTSC OVERSIGHT				
Year		Hourly Rate*,**	Hours	Subtotal
1	Annual Inspection &Report Review	$191	16	$3,056
2	Annual Inspection &Report Review	$196.73	16	$3,148
3	Annual Inspection &Report Review	$202.63	16	$3,242
4	Annual Inspection &Report Review	$208.71	16	$3,339
5	Annual Inspection & 5 Yr Report Review	$214.97	20	$4,299
6	Annual Inspection &Report Review	$221.42	16	$3,543
7	Annual Inspection &Report Review	$228.06	16	$3,649
8	Annual Inspection &Report Review	$234.91	16	$3,758
9	Annual Inspection &Report Review	$241.95	16	$3,871
10	Annual Inspection & 5 Yr Report Review	$249.21	20	$4,984
11	Annual Inspection &Report Review	$256.69	16	$4,107
12	Annual Inspection &Report Review	$264.39	16	$4,230
13	Annual Inspection &Report Review	$272.32	16	$4,357
14	Annual Inspection &Report Review	$280.49	16	$4,488
15	Annual Inspection & 5 Yr Report Review	$288.90	20	$5,778
16	Annual Inspection &Report Review	$297.57	16	$4,761
17	Annual Inspection &Report Review	$306.50	16	$4,904
18	Annual Inspection &Report Review	$315.69	16	$5,051
19	Annual Inspection &Report Review	$325.16	16	$5,203
20	Annual Inspection & 5 Yr Report Review	$334.92	20	$6,698
21	Annual Inspection &Report Review	$344.97	16	$5,519
22	Annual Inspection &Report Review	$355.32	16	$5,685
23	Annual Inspection &Report Review	$365.98	16	$5,856
24	Annual Inspection &Report Review	$376.96	16	$6,031
25	Annual Inspection & 5 Yr Report Review	$388.26	20	$7,765
26	Annual Inspection &Report Review	$399.91	16	$6,399
27	Annual Inspection &Report Review	$411.91	16	$6,591
28	Annual Inspection &Report Review	$424.27	16	$6,788
29	Annual Inspection &Report Review	$436.99	16	$6,992
30	Annual Inspection & 5 Yr Report Review	$450.10	20	$9,002
			Oversight Subtotal	**$153,096**

*3% annual increase

**Based on 2020-2021 Rate provided by Irena Edwards from email 3/23/21

OVERALL COST ESTIMATE	
Year	
1	$6,800.85
2	$7,004.88
3	$7,215.02
4	$7,431.47
5	$146,059.54
6	$7,884.05
7	$8,120.57
8	$8,364.19
9	$8,615.11
10	$205,124.69
11	$9,139.77
12	$9,413.97
13	$9,696.39
14	$9,987.28
15	$153,997.40
16	$10,595.50
17	$10,913.37
18	$11,240.77
19	$11,577.99
20	$215,400.88
21	$12,283.09
22	$12,651.58
23	$13,031.13
24	$13,422.07
25	$159,233.17
26	$14,239.47
27	$14,666.65
28	$15,106.65
29	$15,559.85
30	$221,470.59
TOTAL	**$1,356,247.96**
Contingency 15%	**$203,437.19**
PROJECT LIFETIME ESTIMATE	**$1,559,685.16**

Thomas M. Hill

Thomas M. Hill, PE 28837
Professional Engineer



SUPPORTING CALCULATIONS

ASPHALT CALCULATIONS

Area Calculations

AOC	Area (ft2)	
AOC1/AOC5	28,410	See Grading Plan
ACO2/AOC9	7503.39	See Attached figures
AOC3	13745.79	See Attached figures
AOC4	31179.7	See Attached figures
Total Area	80,838.88	

AC Pavement*	Area (ft2)	Depth (ft)	Conversion	Ton	Unit Cost	Subtotal
Asphalt (sf x depth x 0.075)	80,838.88	0.16666667	0.075	1010.486	$ 190.00	$ 191,992.34

Slurry Seal Coat*	Area (ft2)	yds2	Unit Cost	Subtotal
AC Fogseal	80,838.88	26946.2933	$ 5.00	$ 134,731.47

Crack Repair	Area (ft2)	Unit Cost	Subtotal
1% of Area	808.39	$ 1.50	$ 1,212.58

*Per City of Corona-Quanity Estimate for Public Improvements (March 2018)
Includes labor, materials, and equipment per City of Corona email 3/29/21 (Andrea Cisneros)

INSPECTION CALCULATIONS

Labor	Rate	Units	Subtotal
Principal	$ 190	2	$ 380
Senior Scientist	$ 130	10	$ 1,300
Staff Scientist	$ 100	6	$ 600
Admin	$ 60	1	$ 60
Expenses			
Vehicle Fee	$ 85	1	$ 85
Report Supplies	$ 25	1	$ 25
Shipping	$ 50	1	$ 50
			$ 2,500

Thomas M. Hill

Thomas M. Hill, PE 28837
Professional Engineer



CITY OF CORONA
PRECISE GRADING PLAN
1375 MAGNOLIA AVENUE

GRADING GENERAL NOTES

1. A GRADING PERMIT FROM THE PUBLIC WORKS DEPARTMENT IS REQUIRED. ALL GRADING SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF CORONA GRADING REGULATIONS– CORONA MUNICIPAL CODE 15.36. THESE PLANS, SPECIAL INSTRUCTIONS ON THE PERMIT, AND THE GEOTECHNICAL INVESTIGATION AND LIQUEFACTION EVALUATION DATED SEPTEMBER 10, 2019 BY GEOTECHNICAL PROFESSIONALS INC., AND ALL SUBSEQUENT ADDENDA.
2. SOURCE OF TOPOGRAPHY IS BASED ON FIELD SURVEY DATED SEPTEMBER 23, 2018.
3. A PRE–GRADING MEETING AT THE SITE IS REQUIRED BETWEEN THE CITY INSPECTOR, THE CIVIL ENGINEER, THE GEOTECHNICAL ENGINEER AND THE GRADING CONTRACTOR. CALL THE PUBLIC WORKS DEPARTMENT INSPECTION DIVISION AT (951) 279–3511 TO SCHEDULE A PRE–GRADING MEETING AT LEAST 48 HOURS PRIOR TO START OF ANY WORK.
4. HOURS OF OPERATION ARE 7:00 A.M. TO 5:00 P.M. – MONDAY THROUGH FRIDAY EXCLUDING HOLIDAYS.
5. SEPARATE PERMITS SHALL BE REQUIRED FOR ANY IMPROVEMENT WORK IN THE PUBLIC RIGHT–OF–WAY.
6. CONSTRUCTION MATERIAL AND EQUIPMENT SHALL NOT OCCUPY ANY PORTION OF THE PUBLIC RIGHT–OF–WAY, SUCH AS STREET, ALLEY OR PUBLIC SIDEWALK AT ANY TIME. TEMPORARY USE OF PUBLIC RIGHT–OF–WAY, WHENEVER REQUESTED, MUST BE REVIEWED AND APPROVED BY THE PUBLIC WORKS DIRECTOR.
7. REPAIR OR REPLACE ALL EXISTING DAMAGED OR ALTERED PUBLIC IMPROVEMENTS AS REQUIRED BY THE PUBLIC WORKS DIRECTOR.
8. ALL SURVEY MONUMENTS SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY A QUALIFIED CIVIL ENGINEER OR A LICENSED LAND SURVEYOR.
9. PRIOR TO TAKING WATER FROM A CITY FIRE HYDRANT, THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE PUBLIC WORKS DEPARTMENT TO OBTAIN A FIRE HYDRANT WATER METER. METER LOCATION MAY NOT BE ALTERED WITHOUT DEPARTMENT OF WATER AND POWER APPROVAL.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES OR STRUCTURES ABOVE OR BELOW GROUND, SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL DAMAGE TO ANY UTILITIES OR STRUCTURES CAUSED BY HIS OPERATION.
11. STRICT ADHERENCE TO DUST CONTROL REQUIREMENTS SHALL BE ENFORCED. ADJACENT STREETS ARE TO BE CLEANED DAILY OF ALL DIRT AND DEBRIS RESULTING FROM THIS OPERATION.
12. SEPARATE PERMITS FROM THE BUILDING DIVISION SHALL BE REQUIRED FOR ALL WALLS.
13. AN APPROVED PRECISE GRADING PLAN WILL BE REQUIRED PRIOR TO A BUILDING PERMIT BEING ISSUED.
14. THE DESIGN CIVIL ENGINEER/GEOTECHNICAL ENGINEER/ENGINEERING GEOLOGIST OF RECORD SHALL EXERCISE SUFFICIENT CONTROL DURING GRADING AND CONSTRUCTION TO ENSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE REQUIREMENTS WITHIN THEIR PURVIEW. THE ENGINEERS SHALL SUBMIT "ACKNOWLEDGMENT CONCERNING EMPLOYMENT" FORM TO THE CITY PRIOR TO THE ISSUANCE OF A GRADING PERMIT.
15. REVISIONS TO THE PLANS ARE TO BE SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR REVIEW AND APPROVAL PRIOR TO CHANGING ORIGINAL MYLARS.
16. THE CIVIL ENGINEER SHALL SUBMIT WRITTEN CERTIFICATION OF COMPLETION OF ROUGH GRADING IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND CERTIFICATION OF BUILDING PAD ELEVATION PRIOR TO ISSUANCE OF THE BUILDING PERMIT. PAD ELEVATION GRADING TOLERANCE SHALL NOT EXCEED ±0.10'.
17. AN "AS–BUILT" GRADING PLAN SHALL BE SUBMITTED AT THE COMPLETION OF WORK SHOWING ALL WATER QUALITY MANAGEMENT PLAN FACILITIES.
18. GRADING SHALL BE PERFORMED UNDER THE SUPERVISION OF THE GEOTECHNICAL ENGINEER WHO SHALL CERTIFY THAT ALL FILL HAS BEEN PROPERLY PLACED AND SUBMIT A FINAL COMPACTION REPORT FOR ALL FILLS OVER 1' DEEP.
19. THE GEOTECHNICAL ENGINEER SHALL, AFTER CLEARING AND PRIOR TO THE PLACEMENT OF FILL IN CANYONS, INSPECT EACH CANYON FOR AREAS OF ADVERSE STABILITY AND TO DETERMINE THE PRESENCE OR ABSENCE OF SUBSURFACE WATER OR SPRING FLOW. IF NEEDED, DRAINS WILL BE DESIGNED AND CONSTRUCTED PRIOR TO THE PLACEMENT OF FILL IN EACH RESPECTIVE CANYON.
20. FILL AREAS SHALL BE CLEANED OF ALL VEGETATION AND DEBRIS, SCARIFIED TO A MINIMUM DEPTH OF 12 INCHES AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACING OF FILL.
21. ALL DELETERIOUS MATERIALS, I.E., LUMBER, LOGS, BRUSH, OR ANY OTHER ORGANIC MATERIALS OR RUBBISH SHALL BE REMOVED FROM ALL AREAS TO RECEIVE COMPACTED FILL.
22. UNSUITABLE MATERIALS, SUCH AS TOPSOIL, WEATHERED BEDROCK, ETC., SHALL BE REMOVED AS REQUIRED BY GEOTECHNICAL ENGINEER (AND ENGINEERING GEOLOGIST, WHERE EMPLOYED) FROM ALL AREAS TO RECEIVE COMPACTED FILL OR DRAINAGE STRUCTURES.
23. FILLS SHALL BE BENCHED INTO COMPETENT MATERIAL.
24. WHEN CUT PADS ARE BROUGHT TO NEAR GRADE, THE GEOTECHNICAL ENGINEER SHALL DETERMINE IF THE BEDROCK IS EXTENSIVELY FRACTURED OR FAULTED AND WILL READILY TRANSMIT WATER. IF CONSIDERED NECESSARY BY THE GEOTECHNICAL ENGINEER, A COMPACTED FILL BLANKET WILL BE PLACED.
25. WHERE SUPPORT OR BUTTRESSING OF CUT AND NATURAL SLOPES IS DETERMINED TO BE NECESSARY BY THE GEOTECHNICAL ENGINEER, THE GEOTECHNICAL ENGINEER SHALL SUBMIT DESIGN, LOCATIONS AND CALCULATIONS TO THE PUBLIC WORKS DIRECTOR PRIOR TO CONSTRUCTION. THE GEOTECHNICAL ENGINEER WILL INSPECT AND CONTROL THE CONSTRUCTION OF THE BUTTRESSING AND CERTIFY TO THE STABILITY OF THE SLOPE AND ADJACENT STRUCTURES UPON COMPLETION.
26. ALL CUT SLOPES SHALL BE INVESTIGATED, BOTH DURING AND AFTER GRADING BY THE GEOTECHNICAL ENGINEER, TO DETERMINE IF ANY SLOPE HAS STABILITY PROBLEMS. SHOULD EXCAVATION DISCLOSE ANY GEOLOGICAL HAZARDS, THE GEOTECHNICAL ENGINEER SHALL RECOMMEND NECESSARY TREATMENT TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL. ALL APPROVALS TO BE GRANTED ON THE BASIS OF DETAILED GEOLOGICAL MAPPING AND WRITTEN RECOMMENDATION FROM THE GEOTECHNICAL ENGINEER.
27. MAXIMUM ALLOWABLE CUT AND FILL SLOPES ARE 2 TO 1 OR 30' IN HEIGHT WITHOUT APPROVAL OF THE PUBLIC WORKS DIRECTOR. IF PROPOSED CUT AND FILL SLOPES ARE STEEPER THAN 2:1 OR OVER 30' IN HEIGHT, STABILITY CALCULATIONS WITH A SAFETY FACTOR OF AT LEAST ONE AND FIVE TENTHS (1.5) SHALL BE SUBMITTED BY A GEOTECHNICAL ENGINEER FOR APPROVAL FROM THE PUBLIC WORKS DIRECTOR.
28. PROVIDE 4' WIDE BY 1' HIGH BERM OR EQUIVALENT ALONG THE TOP OF ALL FILL SLOPES OVER 5' HIGH, EXCEPT WHERE SHOWN OTHERWISE ON THE PLANS.
29. ALL SLOPES ADJACENT TO PUBLIC RIGHT–OF–WAY SHALL CONFORM TO SECTION 15.36.220 OF THE CORONA MUNICIPAL CODE.
30. ALL SLOPES 4' OR HIGHER SHALL BE PLANTED AND COMPLY WITH REQUIREMENTS OF CHAPTER 17 OF THE CORONA MUNICIPAL CODE.
31. TERRACE DRAINS, INTERCEPTOR DRAINS AND DOWN DRAINS SHALL BE CONSTRUCTED OF 4" P.C.C. (OR GUNITE) REINFORCED WITH 6"x6" –2 1.4x1.4 W.W.M. REBAR SHALL BE GRADE 60 BILLET STEEL CONFORMING TO ASTM A615.
32. ALL CONCRETE STRUCTURES THAT COME IN CONTACT WITH THE ON–SITE SOILS SHALL BE CONSTRUCTED WITH TYPE II OR V CEMENT AS DEEMED NECESSARY BY SOLUBLE SULFATE CONTENT TEST CONDUCTED BY THE GEOTECHNICAL ENGINEER. ALL CONCRETE SHALL BE CITY STANDARD 560–C–3250 (600–E 3250 FOR GUNITE) PER CITY STANDARD SPECIFICATIONS.
33. GROUND SHALL BE PRE–WETTED PRIOR TO THE PLACEMENT OF CONCRETE. MOISTURE LOSS RETARDANT SHALL BE USED WHEN REQUIRED BY THE GEOTECHNICAL ENGINEER OR PUBLIC WORKS DIRECTOR.
34. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND/OR OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL.

POST CONSTRUCTION BMP GENERAL NOTES:

1. THIS PLAN UTILIZES STRUCTURAL BEST MANAGEMENT PRACTICES (BMPS) FOR POST CONSTRUCTION STORM WATER TREATMENT.
2. CONSTRUCT THE STORM WATER TREATMENT FACILITIES AFTER ALL CONTRIBUTING DRAINAGE AREAS ARE STABILIZED AND TO THE SATISFACTION OF THE ENGINEER OF RECORD.
3. DO NOT USE THE DEVICES AS TEMPORARY SEDIMENT CONTROL FACILITIES DURING CONSTRUCTION.
4. THE FOLLOWING BMPS HAVE BEEN DESIGNED INTO THE PLANS. PLEASE REFER TO THE PROJECT'S APPROVED WATER QUALITY MANAGEMENT PLAN (WQMP) FOR ADDITIONAL BMP's AND OPERATION AND MAINTENANCE DETAILS:

   A. BIORETENTION FACILITY AND OR ON–SITE RETENTION

NOTE:

1. A SEWER BACKFLOW PREVENTOR IS NOT REQUIRED FOR THIS PROJECT
2. WATER PRESSURE REDUCING VALVES ARE REQUIRED FOR THIS PROJECT

NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES, SHOWN OR NOT SHOWN ON THESE PLANS

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION ON THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS OR PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY, THE OWNER, AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA) PH. 811, TWO (2) WORKING DAYS PRIOR TO DIGGING. NO CONSTRUCTION PERMIT ISSUED BY THE PUBLIC WORKS DEPARTMENT SHALL BE VALID INVOLVING UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS AN INQUIRY IDENTIFICATION NUMBER ISSUED BY U.S.A.

CARE SHOULD BE TAKEN TO PREVENT GRADED DITCHES AND SWALES FROM UNDERMINING STREET IMPROVEMENTS. UPON INSPECTION OF THE SITES, THE PUBLIC WORKS DIRECTOR MAY REQUIRE TEMPORARY GUNITE SWALES, ENTERING OR LEAVING IMPROVEMENTS.

DECLARATION OF ENGINEER OF RECORD

I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS SHOWN ON THESE PLANS COMPLIES WITH ALL PROFESSIONAL ENGINEERING STANDARDS AND PRACTICES. AS THE ENGINEER OF RECORD FOR THE PLANS, I ASSUME FULL RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS. WITH RESPECT TO THE PLAN CHECK PERFORMED BY THE CITY OF CORONA, I UNDERSTAND AND ACKNOWLEDGE THE FOLLOWING: (1) THE PLAN CHECK IS A REVIEW FOR THE LIMITED PURPOSE OF ENSURING THE PLANS COMPLY WITH THE CITY'S STANDARDS, PROCEDURES, POLICIES, AND ORDINANCES, (2) THE PLAN CHECK IS NOT A DETERMINATION OF THE TECHNICAL ADEQUACY OF THE DESIGN OF THE IMPROVEMENTS, AND (3) THE PLAN CHECK DOES NOT RELIEVE ME OF MY LEGAL AND PROFESSIONAL RESPONSIBILITY FOR THE DESIGN OF THE IMPROVEMENTS. AS THE ENGINEER OF RECORD, I AGREE TO DEFEND, INDEMNIFY, AND HOLD HARMLESS THE CITY, ITS ELECTED OFFICIALS, EMPLOYEES, AND AGENTS FROM ANY AND ALL ACTUAL OR ALLEGED CLAIMS, DEMANDS, CAUSES OF ACTION, LIABILITY, LOSS, DAMAGE, OR INJURY TO PROPERTY OR PERSONS, INCLUDING WRONGFUL DEATH, WHETHER IMPOSED BY A COURT OF LAW OR BY ADMINISTRATIVE ACTION OF ANY FEDERAL, STATE, OR LOCAL GOVERNMENTAL AGENCY, ARISING OUT OF OR INCIDENT TO ANY NEGLIGENT ACTS, OMISSIONS, OR ERRORS BY THE ENGINEER OF RECORD, ITS EMPLOYEES, CONSULTANTS, OR AGENTS.

WILLIAM D. BROOKS, RCE 53114 — EXPIRES 6/30/21 — 3/8/2021 DATE

ENGINEER OF RECORD

GEOTECHNICAL ENGINEER'S STATEMENT

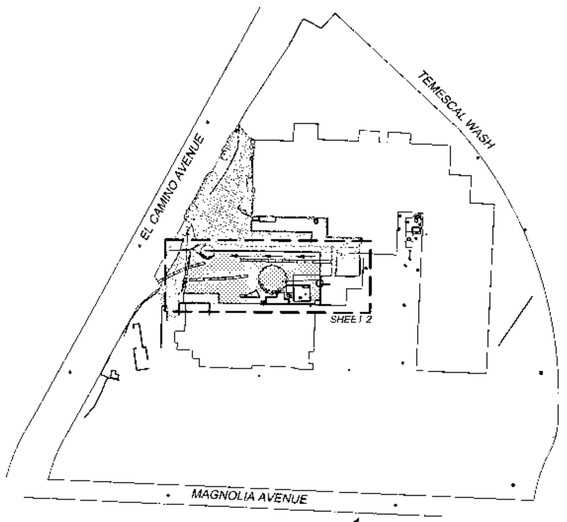
THIS PLAN HAS BEEN REVIEWED BY GEOTECHNICAL PROFESSIONALS INC. AND APPEARS TO BE IN GENERAL CONFORMANCE WITH RECOMMENDATIONS IN OUR REPORT DATED SEPTEMBER 10, 2019–PROJECT NO. 2945.1. THIS PLAN HAS BEEN REVIEWED FOR GEOTECHNICAL ASPECTS ONLY. WE MAKE NO REPRESENTATION REGARDING ACCURACY OF DIMENSIONS, QUANTITIES, MEASUREMENTS, CALCULATIONS, OR ANY PORTION OF THE DESIGN. GEOTECHNICAL CONDITIONS AND RECOMMENDATIONS SHOULD BE CONFIRMED BY THE GEOTECHNICAL CONSULTANT IN THE FIELD AT TIME OF CONSTRUCTION.

9-30-22

PAUL SCHADE — GE#2371 — EXP.
GEOTECHNICAL ENGINEER

ENGINEERING GEOLOGIST — CEG# — EXP.

REGISTERED PROFESSIONAL ENGINEER PAUL R. SCHADE No. 2371 GEOTECHNICAL STATE OF CALIFORNIA 3-9-21



INDEX MAP

150 0 150 300 450

SCALE 1" = 150'

DEMOLITION NOTES

		QTY	UNIT
(1)	REMOVE EXIST. RAIL SPUR	355	L.F.
(2)	REMOVE EXIST. CONCRETE PAD (6"± THICKNESS)	665	S.F.
(3)	REMOVE EXIST. AC PAVEMENTS (3"±)	1,075	S.F.
(4)	PROTECT IN PLACE EXIST. APPURTENANCE (AS LISTED)	–	–
(5)	REMOVE EXIST. TREE (DIA. PER PLAN)	4	EA.

CONSTRUCTION NOTES

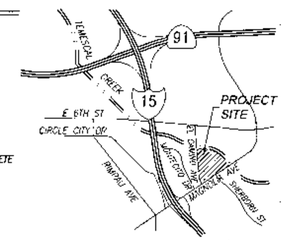
		QTY	UNIT
(10)	CONSTRUCT 3.5" AC PAVEMENT OVER 12" COMPACTED (90% RC) NATIVE MATERIAL	28,410	S.F.
(11)	PROTECT IN PLACE	–	–
(12)	INSTALL 6" AC BERM PER C.O.C. STD. DWG 140	375	L.F.

LEGEND

- EXIST. PCC PAVING
- EXIST. AC PAVING
- EXIST. LANDSCAPING
- PROP. PCC PAVING
- EXIST. BUILDING
- (XX.XX) / FS — EXIST. SPOT ELEVATION
- XX.XX / FS — PROP. SPOT ELEVATION
- x — EXIST. FENCE
- EXIST. TREES
- WALL/RET. WALL
- 1200 — PROP. CONTOUR
- X.XX% — PROP. RATE OF GRADE
- FLOWLINE

ABBREVIATIONS

AC	ASPHALT CONCRETE
C.O.C.	CITY OF CORONA
CONC	CONCRETE
DIA.	DIAMETER
EXIST.	EXISTING
FG	FINISH GRADE
FL OR ℄	FLOWLINE
FS	FINISH SURFACE
L.F.	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
NO.	NUMBER
PCC	PORTLAND CEMENT CONCRETE
P.I.P.	PROJECT–IN–PLACE
PROP.	PROPOSED
STD.	STANDARD
TYP.	TYPICAL
TW	TOP OF WALL



VICINITY MAP
NTS

BENCHMARK–CITY OF CORONA

VERTICAL DATUM NAVD88

COUNTY OF RIVERSIDE BM #601–34–69, A 2 1/2" BRASS DISK STAMPED "RIV. CO. B.M. 601–34–69 RESET 1975" SET IN TOP OF CONCRETE POST FLUSH WITH GROUND, LOCATED WWI W ALONG THE A.T.&S.F. RAILROAD LINE FROM WAY, RIV. CO., +/–48'S OF RAILROAD, +/–32' SE OF TELEGRAPH POLE #1 SSOM, +/–14' W OF THE CL PROLONGATION OF TEMESCAL ST +/–3' E OF 6' CHAIN LINK FENCE AND +/–' N OF TELEGRAPH GUY POLE WITH METER BOX

1988 ELEV=649.988 FEET NAVD88

HORIZONTAL DATUM NAD83, ZONE 6

NGS PID STATIONS AJ1887 AND AJ1896 EPOCH DATE 2000.35

ZONING DISTRICT

MIXED USE INDUSTRIAL/COMMERCIAL

LAND USE

EXISTING USE: BUSINESS PARK
PROPOSED USE: BUSINESS PARK

SERVICE PROVIDERS:

CORONA DEPT. OF PUBLIC WORKS	(951) 736–2261
CORONA DEPT. OF WATER & POWER	(951) 736–2321
SOUTHERN CALIFORNIA GAS	(909) 335–7733
SOUTHERN CALIFORNIA EDISON	(909) 930–8591
AT&T	(714) 688–5692
NEXTG NETWORKS	(909) 593–9700
TIME WARNER CABLE	(951) 547–3830
R.F. DICKSON STREET SWEEPING	(800) 841–7994
WESTERN WASTE	(951) 737–0343
CORONA DIAL–A–RIDE (SUPERVISOR)	(951) 734–1017
U.S. POSTAL SERVICE	(951) 737–0451
CORONA–NORCO UNIFIED SCHOOL DISTRICT	(951) 736–5340
SCHOOL DISTRICT TRANSPORTATION MANAGER	(951) 736–5305
RIVERSIDE TRANSIT AGENCY	(951) 684–0850
CORONA POLICE DEPARTMENT (FOR NOTIFICATION)	(951) 736–2330
CORONA FIRE DEPARTMENT (FOR NOTIFICATION)	(951) 736–2221
CROWN CASTLE ENG WEST (FIBER OPTIC)	(951) 736–2321

OWNER

CLOW VALVE COMPANY
1375 MAGNOLIA AVE.
CORONA, CA 92879
866–889–2411

ENGINEER

ARMSTRONG & BROOKS CONSULTING ENGINEERS
MAILING ADDRESS:
P.O. BOX 78088
CORONA, CA 92877–9998
OFFICE LOCATION:
1350 EAST CHASE DRIVE
CORONA, CA 92881
PH. (951) 372–8400 FAX (951) 372–8430
CONTACT: WILLIAM D. BROOKS

GEOTECHNICAL ENGINEER

GEOTECHNICAL PROFESSIONALS, INC.
5738 CORPORATE AVE.
CYPRESS, CA 90630
PH. (714) 220–2211
CONTACT: PAUL SCHADE, G.E.

ASSESSOR'S PARCEL NO.

107–030–022

LEGAL DESCRIPTION:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF CORONA, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

THAT PORTION OF THE NORTHWEST QUARTER OF SECTION 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, AS SHOWN BY SECTIONALIZED SURVEY OF THE RANCHO EL SOBRANTE DE SAN JACINTO AND OF LOT 13 IN BLOCK 63 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATING COMPANY, AS SHOWN BY MAP ON FILE IN BOOK 1 PAGE 70 OF MAPS, SAN BERNARDINO COUNTY RECORDS, BOUNDED AS FOLLOWS: ON THE SOUTHEAST BY THE SOUTHWESTERLY EXTENSION OF THE NORTHWEST LINE OF MAGNOLIA AVENUE, AS SHOWN ON RECORD OF SURVEY ENTITLED "RECORD OF SURVEY OF A PORTION OF LOTS 11, 12, 13, 14, 15, IN BLOCK 63 OF RIVERSIDE LAND AND IRRIGATING COMPANY AND A PORTION OF SECTIONS 29 AND 32, TOWNSHIP 3 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN" ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS, ON THE WEST BY THE EASTERLY LINE OF THE PROPERTY SPUR OF THE ATCHINSON, TOPEKA, AND SANTA FE RAILWAY COMPANY; AND ON THE NORTHEAST BY THE SOUTHERLY AND SOUTHWESTERLY LINE OF PARCELS 5 TO 11, INCLUSIVE, OF SAID RECORD OF SURVEY ON FILE IN BOOK 20, PAGE 3 OF RECORDS OF SURVEY, RIVERSIDE COUNTY RECORDS.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY FLOOD CONTROL AND WATER DISTRICT CONSERVATION DISTRICT BY DEED RECORDED OCTOBER 22, 1984 AS INSTRUMENT NO. 84–227387 AND RE–RECORDED FEBRUARY 11, 1985 AS INSTRUMENT NO. 85–028214 BOTH OF OFFICIAL RECORDS.

EARTHWORK QUANTITIES

NOTE: THE CONSTRUCTION QUANTITIES SHOWN ON THESE PLANS ARE FOR CITY FEE PURPOSES ONLY.
IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM INDIVIDUAL TAKEOFFS FOR BIDDING PURPOSES.

(PRELIMINARY QUANTITIES DO NOT INCLUDE SHRINKAGE FACTOR AND OVEREXCAVATION OVER THE SITE)

RAW CUT	582 CU. YDS.
RAW FILL	0 CU. YDS.
NET EXPORT	–582 CU. YDS.

SITE AREA

TOTAL AREA – 16.9 ACRES
DISTURBED AREA – 0.7 ACRES
TOTAL LOTS: 1
PARKING SPACES: N/A

SHEET INDEX:

TITLE SHEET 1
DEMOLITION PLAN 2
PRECISE GRADING & DRAINAGE PLAN. 3
EROSION CONTROL PLAN. 4

REGISTERED PROFESSIONAL ENGINEER WILLIAM D. BROOKS No. 53114 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

811 Know what's below. Call before you dig.

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING • ENGINEERING • SITE DEVELOPMENT
1350 EAST CHASE DRIVE • CORONA, CA 92881
MAIL: P.O. BOX 78088 CORONA, CA 92877–9998
T 951–372–8400 F 951–372–8430

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF WILLIAM D. BROOKS
Date 3/8/21 R.C.E. No. 53114

7023A, 05–138 D, 05–138P
90–113P, 97–502, 1971, C–1–116
Reference Plans for these Improvements

Date	By	REVISIONS	App'd

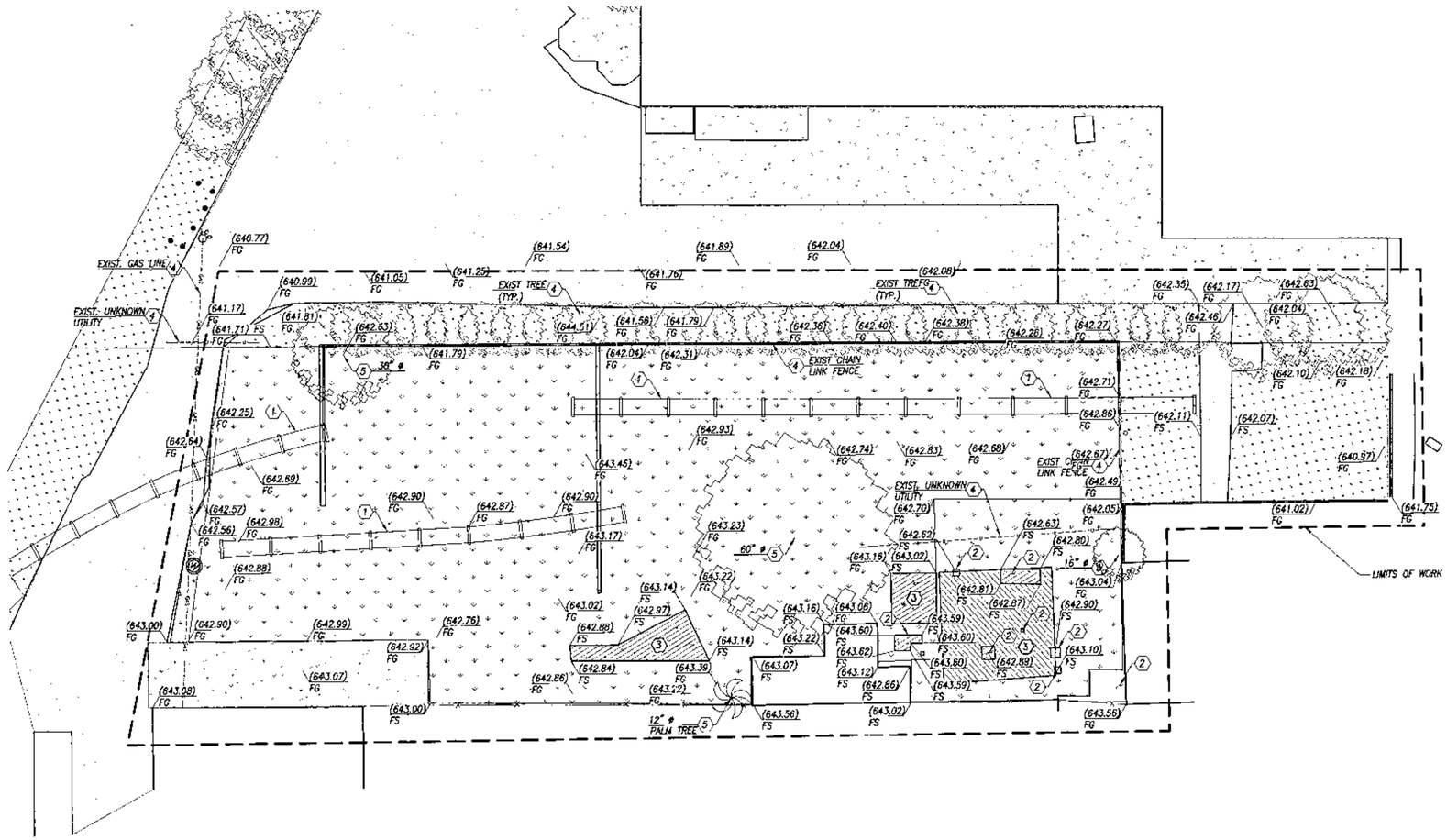
BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

Engineering JK 3/11/21
Planning LG
Fire

Approved By SAVAT KHAVP–OU City Engineer R.C.E. No 62095 Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
TITLE SHEET

PWGH2020-0025
Drawing No. 20-026P
Sh 1 of 4
24" x 36"



DEMOLITION NOTES

1	REMOVE EXIST. RAIL SPUR
2	REMOVE EXIST. CONCRETE PAD (6"± THICKNESS)
3	REMOVE EXIST. AC PAVEMENTS (3"±)
4	PROTECT IN PLACE EXIST. APPURTENANCE (AS LISTED)
5	REMOVE EXIST. TREE (DIA. PER PLAN)

EXIST. PCC	
EXIST. LANDSCAPE	
EXIST. AC	
EXIST. LANDSCAPING TO BE REMOVED	
REMOVE EXIST. AC	
REMOVE EXIST. PCC	

AC	ASPHALTIC CONCRETE
EXIST	EXISTING
FG	FINISH GRADE
FS	FINISH SURFACE
PCC	PORTLAND CEMENT CONCRETE

SCALE 1" = 20'

Know what's below. Call before you dig.

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING · ENTITLEMENTS · SITE DEVELOPMENT · WATER RESOURCES
P.O. BOX 1987 · CORONA, CA 92878-1987

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
Date 3-8-2021
WILLIAM D. BROOKS
R.C.E. No. 53114

Reference Plans for these Improvements: 7020A, 05-138 D, 05-138P; 90-138, 97-565, 1971, C 1-118

Date	By	REVISIONS	App'd

BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION

Scale AS SHOWN

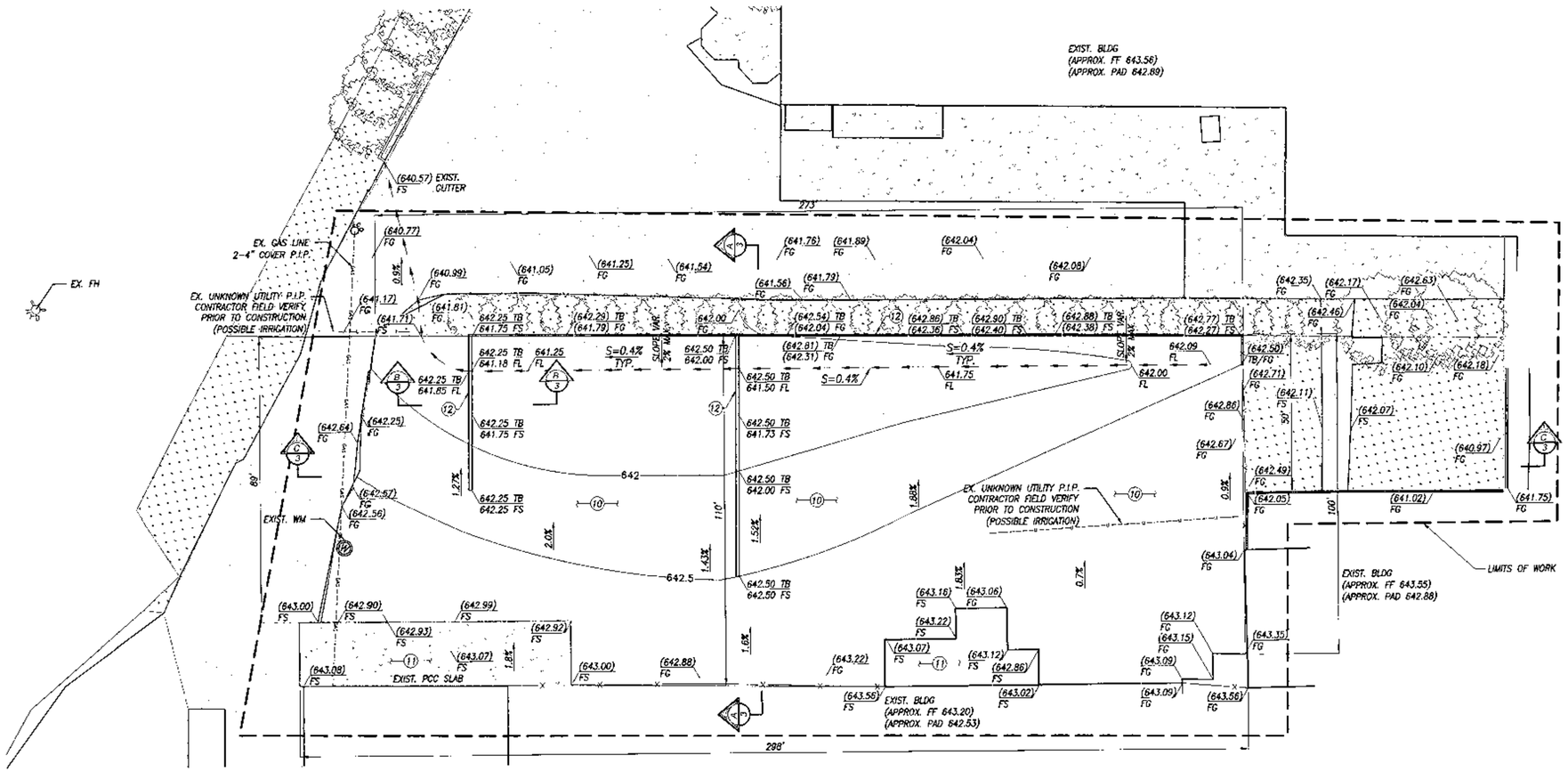
Engineering JK MH
Planning LG
Fire

Approved By
SAVAT KHAMPHOU
City Engineer
R.C.E. No. 62019
Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
DEMOLITION PLAN

PWGR2020-0025
Drawing No. 20-026P
Sh 2 of 4

24" x 36"



GRADING PLAN
1"=20'

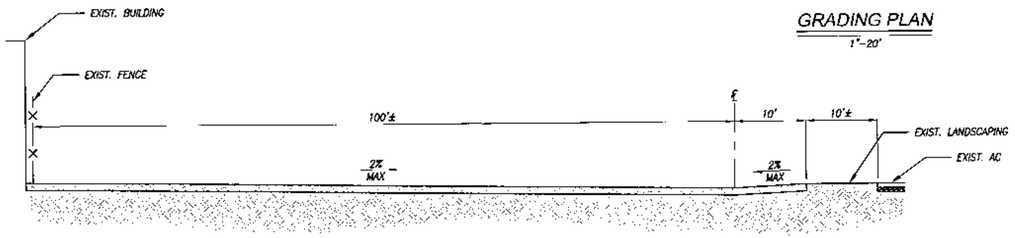
CONSTRUCTION NOTES

(10)	CONSTRUCT 3.5" AC PAVEMENT OVER 12" COMPACTED (90% RC) NATIVE MATERIAL
(11)	PROTECT IN PLACE
(12)	INSTALL 6" AC BERM PER C.O.C. STD. PLAN 140

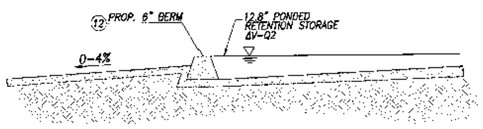
LEGEND

EXIST. PCC	
EXIST. LANDSCAPE	
EXIST. AC	
PROP. 3.5" AC PAVEMENT	

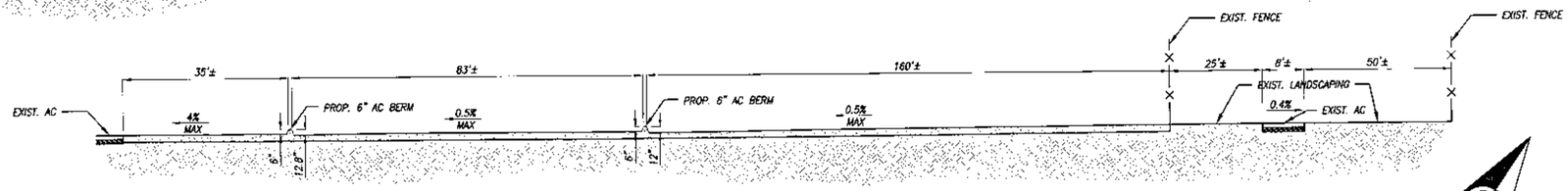
AC	ASPHALTIC CONCRETE
EXIST	EXISTING
FG	FINISH GRADE
FS	FINISH SURFACE
MAX.	MAXIMUM
PCC	PORTLAND CEMENT CONCRETE
RC	REINFORCED CONCRETE
TW	TOP OF WALL
TYP.	TYPICAL
VAR.	VARIABLE



SECTION A-A
NTS



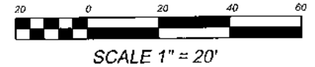
SECTION B-B
NTS



SECTION C-C
NTS







SCALE 1" = 20'

811 Know what's below. Call before you dig.

PWGR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS
PLANNING · SURVEYING · CIVIL · SITE DEVELOPMENT · WATER RESOURCES
26 E. 9TH STREET, SUITE 100, CLAREMONT, CA 91711
MAIN: P.O. BOX 2088, CLAREMONT, CA 91711-2088
T: 909-625-9400 F: 909-625-9496

Designed by	Drawn by	Checked by
W.D.B.	R.R.T.	W.D.B.

PLANS PREPARED UNDER SUPERVISION OF
WILLIAM D. BROOKS
Date 3-8-2021 R.C.E. No. 53114

7020A, 09-138, D. 05-138P
90-113P, 97-185, 1971, C-1-118

Reference Plans for these Improvements

Date	By	REVISIONS	App'd

BENCH MARK
TBM ELEV.=603.80
SEE SHEET NO. 1 FOR DESCRIPTION

Scale AS SHOWN

Engineering JK MH
Planning LG
Fire

Approved By
SAVAT KHAMPHOU
City Engineer
R.C.E. No 62019
Date 3/4/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
GRADING PLANS

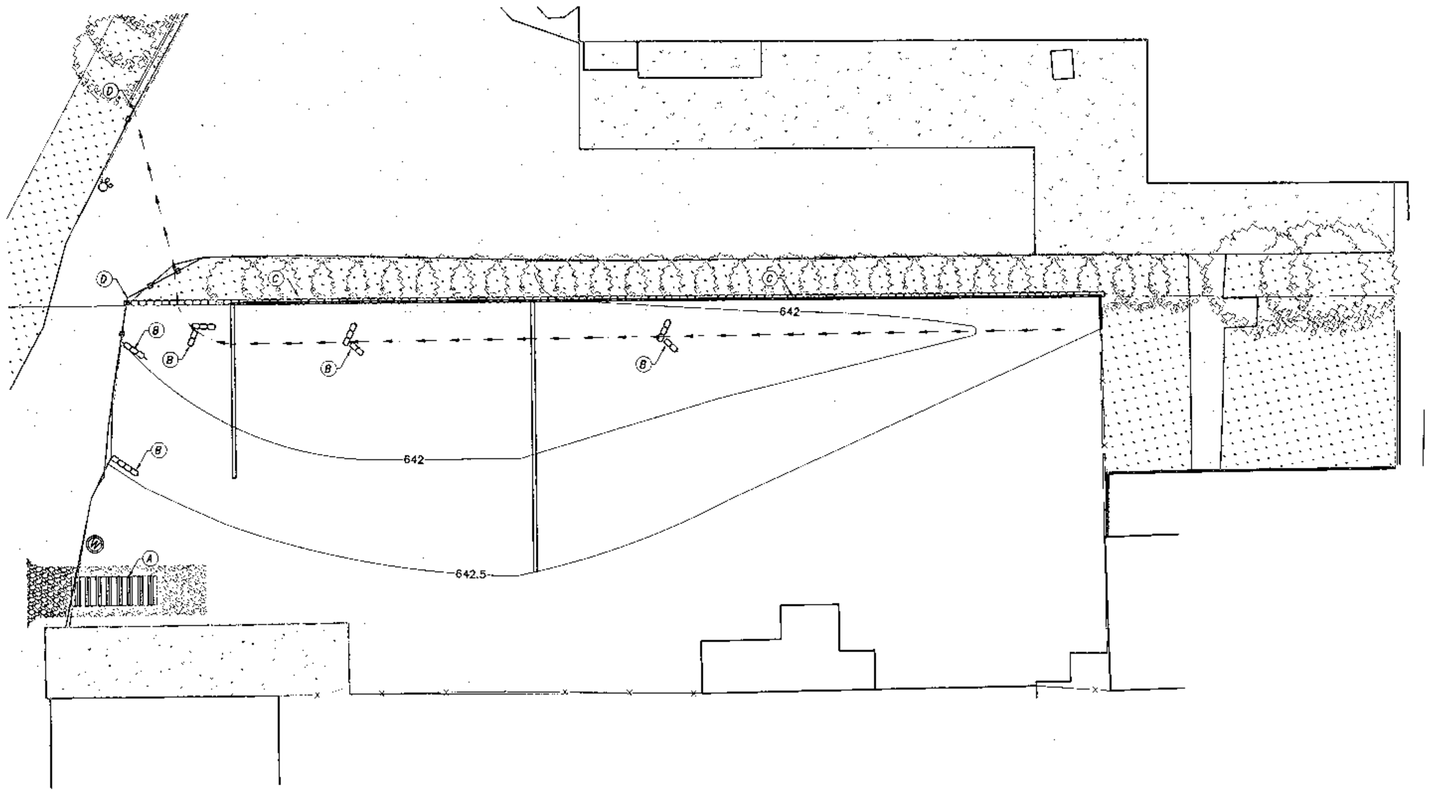
Drawing No. 20-026P
Sh 3 of 4

24" x 36"

EROSION CONTROL GENERAL NOTES:

1. EROSION CONTROL IS REQUIRED FOR GRADING OPERATIONS ON A YEAR ROUND BASIS. APPROVED PLANS ARE REQUIRED FOR ALL WORK REQUIRING A GRADING PERMIT.
2. IN CASE OF EMERGENCY CALL TIFFANY SMITH OF CLOW VALVE MANUFACTURING AT 317-364-0898.
3. THE ENGINEER OF RECORD WILL SUPERVISE EROSION CONTROL WORK AND INSURE THAT WORK IS IN ACCORDANCE WITH APPROVED PLANS.
4. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE PUBLIC WORKS DIRECTOR FOR APPROVAL
5. THE PUBLIC WORKS DIRECTOR RESERVES THE RIGHT TO MAKE CHANGES OR MODIFICATIONS TO THIS PLAN AS DEEMED NECESSARY.
6. STANDBY CREW FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS) OR TO REPAIR ANY DAMAGED BMP's WHEN RAIN IS IMMINENT.
7. AN EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL BMPS SHALL BE IMPLEMENTED AND MAINTAINED TO PREVENT AND/OR MINIMIZE THE TRANSPORT OF SOIL IN RUNOFF FROM DISTURBED SOIL AREAS ON THE CONSTRUCTION SITE AT ALL TIMES. IN ADDITION, BMPS SHALL BE INSPECTED PRIOR TO PREDICTED STORM EVENTS AND FOLLOWING STORM EVENTS. BMPS SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE CITY INSPECTOR.
8. ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FIVE-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT, AS FORECASTED BY THE NATIONAL WEATHER SERVICE.
9. AFTER A RAIN EVENT EXCEEDING ONE-QUARTER INCH IN ANY 12 HOUR PERIOD, OR UPON DIRECTION OF THE PUBLIC WORKS DIRECTOR, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS, SILT FENCES, AND DESILTING BASINS; AND THE BASINS SHALL BE PUMPED DRY AND RESTORED TO ORIGINAL DESIGN CONDITION. ANY EROSION CONTROL MEASURES DAMAGED DURING A RAIN EVENT SHALL ALSO BE IMMEDIATELY REPAIRED.
10. DESILTING BASINS ARE TO BE CONSTRUCTED AS GRADING OF INDIVIDUAL GRADING AREAS ARE COMPLETE PER ROUGH GRADING PLANS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION.
12. AREAS SHALL BE MAINTAINED IN SUCH A STATE THAT FIRE ACCESS SHALL BE MAINTAINED AT ALL TIMES (INCLUDING ACCESS TO NEIGHBORING PROPERTIES).
13. GRADED AREAS AROUND THE SITE PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY.
14. TEMPORARY EROSION PROTECTION IS REQUIRED FOR MANUFACTURED SLOPES PRIOR TO PERMANENT PLANTING.
15. ALL DISTURBED SLOPES SHALL BE PLANTED AND PROTECTED WITHIN 45 DAYS OF THE COMPLETION OF EACH STAGE OF GRADING. SUITABLE MEASURES TO PREVENT SLOPE EROSION INCLUDING, BUT NOT LIMITED TO, RAPID GROWTH VEGETATION SUFFICIENT TO STABILIZE THE SOIL, SHALL BE INSTALLED ON ALL DISTURBED AREAS UNTIL SUCH TIME AS THE PERMANENT VEGETATIVE COVER SUFFICIENTLY MATURES TO PROVIDE PERMANENT STABILITY.
16. NO OBSTRUCTION OR DISTURBANCE OF NATURAL DRAINAGE COURSES OR EXISTING STORM DRAIN INLETS SHALL OCCUR DURING GRADING OPERATIONS, UNLESS ADEQUATE TEMPORARY/PERMANENT DRAINAGE FACILITIES HAVE BEEN APPROVED AND INSTALLED TO CARRY SURFACE WATER TO THE NEAREST PRACTICAL STREET, STORM DRAIN OR NATURAL WATER COURSE. ALL EXISTING DRAINAGE COURSES ON THE PROJECT SITE MUST BE MAINTAINED IN A STATE TO ALLOW FOR CONTINUOUS FUNCTION.
17. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER THAT STORM RUNOFF WILL BE CONTAINED WITHIN THE PROJECT OR CHANNELED INTO THE STORM DRAIN SYSTEM WHICH SERVES THE RUNOFF AREA. STORM RUNOFF FROM ONE AREA SHALL NOT BE ALLOWED TO DIVERT TO ANOTHER RUNOFF AREA.
18. CONFORMANCE WITH THE REQUIREMENTS OF THESE PLANS SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TO THIS SITE AND ADJACENT PROPERTIES. DURING GRADING OPERATIONS, TEMPORARY DRAINAGE CONTROL SHALL BE PROVIDED TO PREVENT PONDING WATER AND DAMAGE TO ADJACENT PROPERTIES. TEMPORARY DRAINAGE CONTROL SHALL CONSIST OF, BUT NOT BE LIMITED TO, CONSTRUCTING SUCH FACILITIES AND TAKING SUCH MEASURES AS ARE NECESSARY TO PREVENT, CONTROL AND ABATE WATER, MUD AND EROSION DAMAGE TO PUBLIC AND PRIVATE PROPERTY AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT.
19. FILL AREAS WHILE BEING BROUGHT UP TO GRADE AND DURING PERIODS OF COMPLETION PRIOR TO FINAL GRADE, SHALL BE PROTECTED BY VARIOUS MEASURES TO ELIMINATE EROSION AND THE SILTATION OF DOWNSTREAM FACILITIES AND ADJACENT AREAS. THESE MEASURES MAY INCLUDE, BUT SHALL NOT BE LIMITED TO: TEMPORARY DOWN DRAINS, EITHER IN THE FORM OF PIPES OR PAVED DITCHES TO DESILT RUNOFF; PROTECTION SUCH AS SAND BAGS AROUND INLETS WHICH HAVE NOT BEEN BROUGHT UP TO GRADE; AND EARTH BERMS AND APPROPRIATE GRADING TO DIRECT DRAINAGE AWAY FROM THE EDGE OF THE TOP OF SLOPES SHALL BE CONSTRUCTED AND MAINTAINED ON THOSE FILL AREAS WHERE EARTHWORK OPERATIONS ARE NOT IN PROGRESS.
20. CLEARING AND GRUBBING SHOULD BE LIMITED TO AREAS THAT WILL RECEIVE IMMEDIATE GRADING. EROSION CONTROL MEASURES WILL BE REQUIRED TO PROTECT AREAS WHICH HAVE BEEN CLEARED AND GRUBBED PRIOR TO GRADING OPERATION, AND WHICH ARE SUBJECT TO RUNOFF DURING A RAIN EVENT. THESE MEASURES MAY INCLUDE BUT SHALL NOT BE LIMITED TO: GRADED DITCHES; BRUSH BARRIERS AND SILT FENCES. CARE SHALL BE EXERCISED TO PRESERVE VEGETATION BEYOND LIMITS OF GRADING.
21. CONSTRUCTION SITES SHALL BE MANAGED TO MINIMIZE THE EXPOSURE TIME OF DISTURBED SOIL AREAS THROUGH PHASING AND SCHEDULING OF GRADING TO THE EXTENT FEASIBLE AND THE USE OF TEMPORARY AND PERMANENT SOIL STABILIZATION.
22. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO ELIMINATE OR REDUCE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND.
23. CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT WIND OR RUNOFF DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE TO STREETS, DRAINAGE FACILITIES OR ADJORNING PROPERTIES.
24. DISCHARGES OTHER THAN STORM WATER (NON-STORM WATER DISCHARGES) ARE PROHIBITED, EXCEPT AS AUTHORIZED BY AN INDIVIDUAL NPDES PERMIT, THE STATEWIDE GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY, OR OTHER APPLICABLE GENERAL NPDES PERMIT. POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, SOLVENTS, DETERGENTS, GLUES, LIME, PESTICIDES, HERBICIDES, FERTILIZERS, WOOD PRESERVATIVES, AND ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; CONCRETE AND RELATED CUTTING OR CURING RESIDUES; FLOATABLE WASTES; WASTES FROM STREET CLEANING; SUPER-CHLORINATED POTABLE WATER FROM LINE FLUSHING AND TESTING, AND RUNOFF FROM EQUIPMENT AND VEHICLE WASHING. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ONSITE PHYSICALLY SEPARATED FROM POTENTIAL STORM WATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.
25. AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS
26. PAVED STREETS, SIDEWALKS AND OTHER IMPROVEMENTS SHALL BE MAINTAINED IN A NEAT CLEAN CONDITION, FREE OF LOSE SOIL, CONSTRUCTION DEBRIS AND TRASH. STREET SWEEPING OR OTHER EQUALLY EFFECTIVE MEANS SHALL BE USED ON A REGULAR BASIS TO CONTROL SILT THAT HAS BEEN DEPOSITED ON STREETS OR SIDEWALKS. WATERING SHALL NOT USED TO CLEAN STREETS.
27. DISCHARGING CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING GROUNDWATER THAT HAS INFILTRATED INTO THE CONSTRUCTION SITE IS PROHIBITED. DISCHARGING OF CONTAMINATED SOILS VIA SURFACE EROSION IS ALSO PROHIBITED. DISCHARGING NON-CONTAMINATED GROUNDWATER PRODUCED BY DEWATERING ACTIVITIES MAY REQUIRE A NPDES PERMIT FROM THE SANTA ANA REGIONAL BOARD.
28. ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OF THE REQUIRED BEST MANAGEMENT PRACTICES AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.

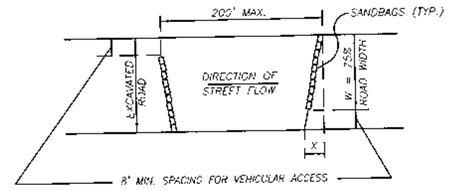
811 Know what's below. Call before you dig.



EROSION CONTROL PLAN
1"=20'

LEGEND

- EXIST. PCC
- EXIST. LANDSCAPE
- EXIST. AC
- PROP. AC
- SANBAGS
- SILT FENCE



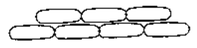
W	X
20'-30'	5
31'-40'	7
41'-50'	9
51'-60'	10.5
61'-70'	12

STREET	GRADE	LENGTH
200'	< 4%	
100'	4-8%	
50'	> 8%	

SANDBAG VELOCITY REDUCER (A)
NTS



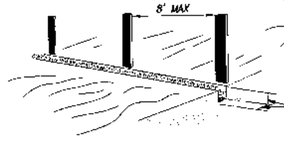
PLAN
NTS



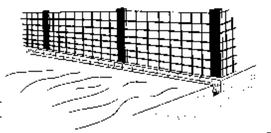
SECTION A-A
NTS

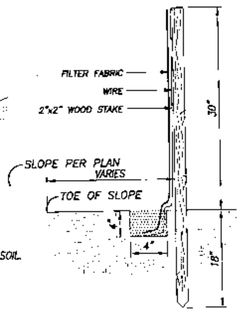
ECS 52 SANDBAGS (B)
NTS

1. SET POSTS AND EXCAVATE A 4" BY 4" TRENCH UPSLOPE FROM AND ALONG THE LINE OF POSTS (SEE SECTION D-D).



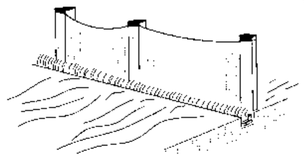
2. STAPLE WIRE FENCING TO THE POSTS.



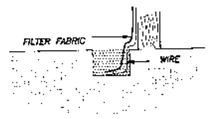


SECTION D-D
NTS

3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



SILT FENCE DETAIL (C)
NTS

EROSION CONTROL NOTES *ALL EROSION CONTROL MEASURES PER CA. STORMWATER BMP'S		QTY.	UNIT
(A)	INSTALL STABILIZED CONSTRUCTION ENTRANCE PER C.O.C. STD 225	1	EA.
(B)	INSTALL SANDBAG VELOCITY REDUCER PER DETAIL A	53	L.F.
(C)	INSTALL SINGLE ROW GRAVEL BAGS - 2 BAG HIGH PER DETAIL B	275	L.F.
(D)	INSTALL SILT FENCE PER DETAIL C	47	L.F.

NOTE: FINAL LOCATION OF EROSION CONTROL MEASURES WILL BE DETERMINED AT THE CONSTRUCTION MANAGER'S DISCRETION

REGISTERED PROFESSIONAL ENGINEER — WILLIAM D. BROOKS — No. 53114 — Exp. 6/30/21 — CIVIL — STATE OF CALIFORNIA

N

20 0 20 40 60

SCALE 1" = 20'

PWGR2020-0025

ARMSTRONG & BROOKS CONSULTING ENGINEERS	Designed by W.D.B.	Drawn by R.R.T.	Checked by W.D.B.
PLANNING ENGINEERING CIVIL SURVEYING GEOLOGY WATER RESOURCES 1130 KANA ONASE DRIVE CORONA, CA 92881 MAIL: P.O. BOX 7385 CORONA, CA 92877-0385 P 951-272-5300 F 951-279-4280	PLANS PREPARED UNDER SUPERVISION OF WILLIAM D. BROOKS R.C.E. No. 53114 Date 3/2021	702CA, 05-138 D, 04-138P 90-1139, 97-568, 1971, C-1-138 Reference Plans for these Improvements	Date / By / REVISIONS / Appd

BENCH MARK: TBM ELEV.=803.80
SEE SHEET NO. 1 FOR DESCRIPTION
Scale AS SHOWN

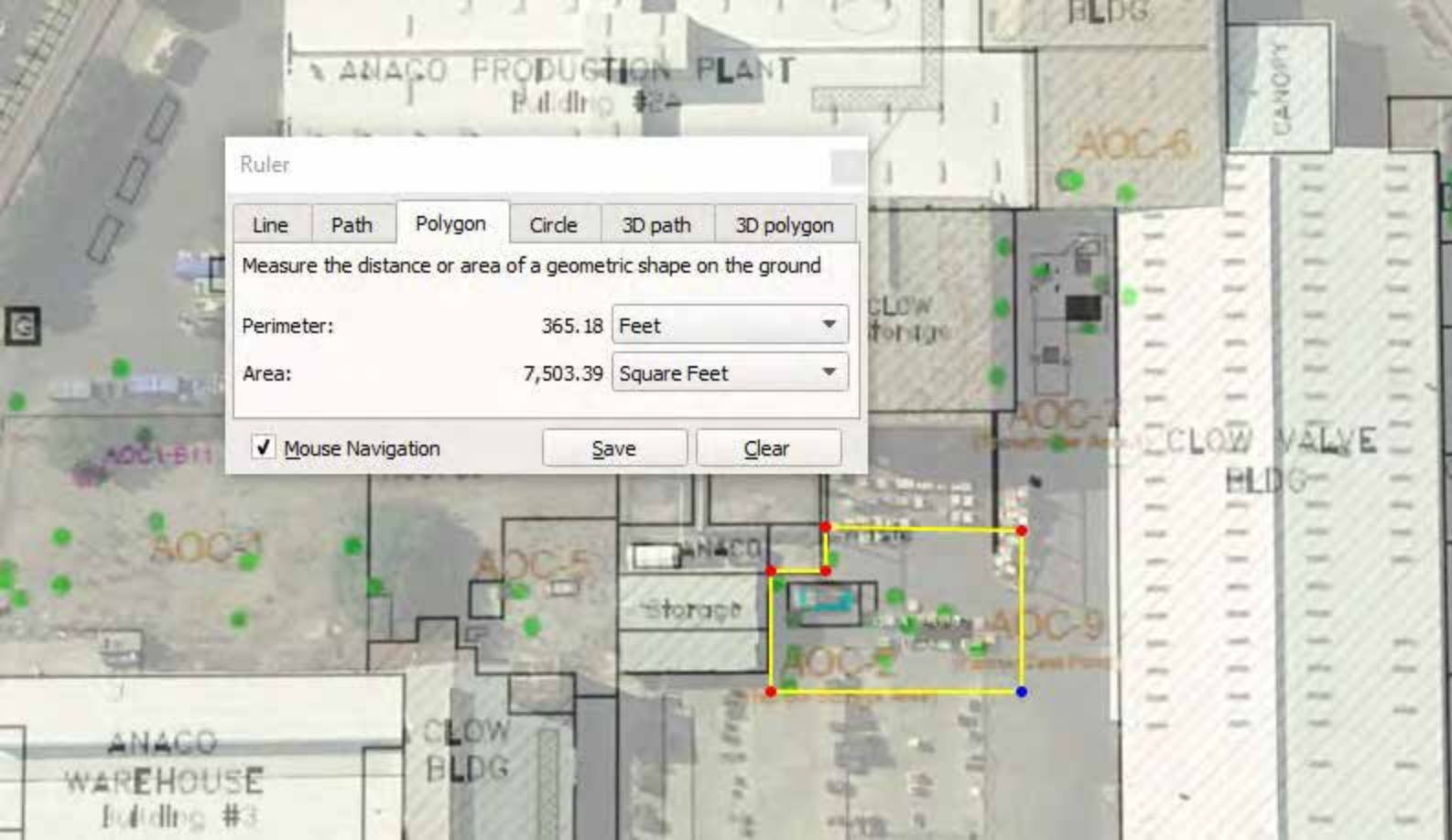
Engineering JK MH
Planning LG
Fire

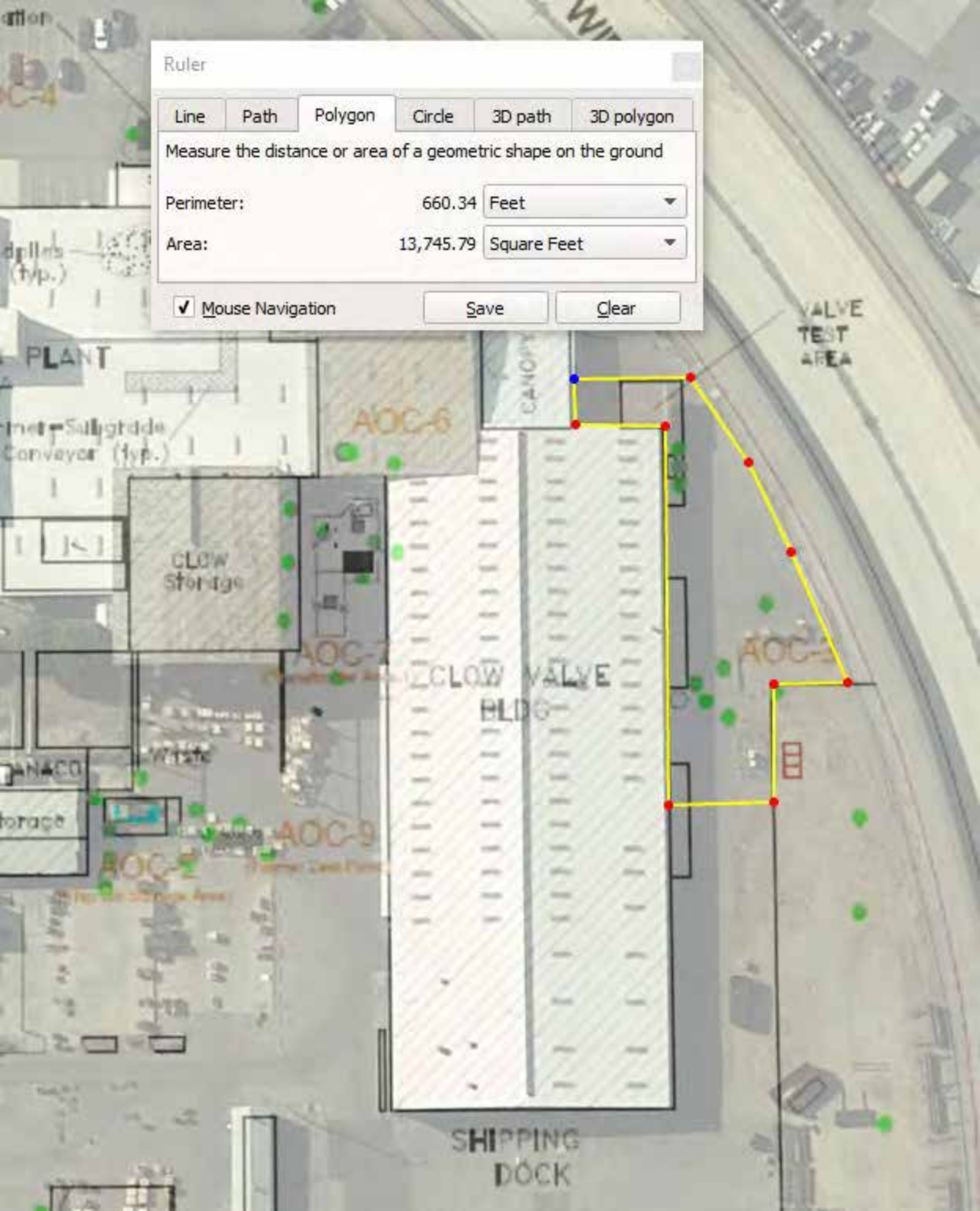
Approved By: SAVAT KHAMPHOU, City Engineer, R.C.E. No 62019 — Date 3/11/21

CITY OF CORONA 1375 MAGNOLIA AVENUE
PRECISE GRADING & DRAINAGE PLANS-CLOW VALVE
EROSION CONTROL PLAN

Drawing No. 20-026P
Sh 4 of 4

24" x 36"


ANACO PRODUCTION PLANT
Building #2
BLDG
CANOPY
AOC-6
AOC-7
AOC-8
AOC-5
AOC-9
AOC-4
ANACO
Storage
CLOW VALVE BLDG
ANACO WAREHOUSE
Building #3
CLOW BLDG
Ruler
Line
Path
Polygon
Circle
3D path
3D polygon
Measure the distance or area of a geometric shape on the ground
Perimeter:
365.18
Feet
Area:
7,503.39
Square Feet
Mouse Navigation
Save
Clear


Ruler
Line
Path
Polygon
Circle
3D path
3D polygon
Measure the distance or area of a geometric shape on the ground
Perimeter:
660.34
Feet
Area:
13,745.79
Square Feet
Mouse Navigation
Save
Clear
PLANT
AOC-6
CLOW Storage
CLOW VALVE BLDG
AOC-9
AOC-2
VALVE TEST AREA
SHIPPING DOCK


Ruler
Line
Path
Polygon
Circle
3D path
3D polygon
Measure the distance or area of a geometric shape on the ground
Perimeter:
233.51
Feet
Area:
3,119.70
Square Feet
Mouse Navigation
Save
Clear
AOC-4
AOC-6
CLOW VALVE BLDG
CANOPY
MW-2
CLOW Storage
AOC1-B11
AOC1-B3

QUANTITY ESTIMATE FOR PUBLIC IMPROVEMENTS MARCH 2018

Project #: _____

Location: _____

Item	*Unit*	*Unit Cost*	*Quantity*	*Cost*
Removal				
AC Berm	LF	$8.00		$
AC Pavement	SF	$3.00		$
Curb Only	LF	$10.00		$
Curb & Gutter	LF	$16.00		$
D/W Approach	SF	$13.00		$
Sidewalk	SF	$8.00		$
W/C Ramp	SF	$8.00		$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**
Relocation				
Power/Telephone Pole	EA	$5,000.00		$
Pull Boxes	EA	$500.00		$
Street Light	EA	$6,000.00		$
Street Sign	EA	$400.00		$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**
Asphalt				
AC Berm 6"	LF	$35.00		$
AC Berm 8"	LF	$38.00		$
AC Fogseal	SY	$5.00		$
AC Overlay	SY	$8.00		$
AC Pavement	SF			$
Asphalt (sf x depth x 0.075)	TON	$190.00		$
Base (sf x depth / 27)	CY	$110.00		$
Fogseal	SY	$5.00		$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**
Concrete				
Alley Approach, 8" PCC	SF	$28.00		$
Curb Only 6"	LF	$35.00		$
Curb Only 8"	LF	$39.00		$
Curb & Gutter 6"	LF	$42.00		$
Curb & Gutter 8"	LF	$44.00		$

Cross Gutter & Spandrel	SF	$29.00		$
D/W Approach, Complete	EA	$6,000.00		$
D/W Approach, 6"	SF	$28.00		$
D/W Approach, 8"	SF	$30.00		$
Pavement, 6"	SF	$13.00		$
Pavement, 8"	SF	$15.00		$
Sidewalk, 4"	SF	$13.00		$
V-Gutter	SF	$38.00		$
W/C Ramp	EA	$3,800.00		$
W/C Ramp	SF	$30.00		$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**

Storm Drain				
Box Culvert (Including Backfill)	CY	$3,500.00		$
Box Culvert (Unapp. Areas)	CY	$2,500.00		$
Catch Basin, W<8'	EA	$7,000.00		$
Catch Basin, W>8'	EA	$10,500.00		$
Channel, Reinf. Conc. Lined	SF	$13.00		$
Channel, Open Conc. <24"	LF	$150.00		$
Channel, Open Conc. 27"-36"	LF	$250.00		$
Channel, Open Conc. 42"-72"	LF	$500.00		$
Collar, 45"-60"	EA	$1,300.00		$
Collar, >60"	EA	$2,000.00		$
Encasement	LF	$65.00		$
Energy Dissipater	LS	$10,000.00		$
Grate Inlet, 12" x 12"	EA	$500.00		$
Grate Inlet, 24" x 24"	EA	$1,300.00		$
Grate Inlet, 36" x 36"	EA	$5,000.00		$
Headwalls, Gravity Type	EA	$2,000.00		$
Headwalls, Wing Type	EA	$9,000.00		$
Inlet Apron	EA	$3,000.00		$
Junction Structure	EA	$10,000.00		$
Manhole, H<8'	EA	$6,000.00		$
Manhole, H>8'	EA	$8,000.00		$
Pipe, 18" RCP	LF	$159.00		$
Pipe, 24" RCP	LF	$201.00		$
Pipe, 30" RCP	LF	$241.00		$
Pipe, 36" RCP	LF	$280.00		$
Pipe, 42" RCP	LF	$318.00		$
Pipe, 48" RCP	LF	$355.00		$
Pipe, 54" RCP	LF	$391.00		$
Pipe, 60" RCP	LF	$426.00		$
Pipe, 66" RCP	LF	$461.00		$
Pipe, 72" RCP	LF	$495.00		$
Pipe, 78" RCP	LF	$528.00		$

Pipe, 84" RCP	LF	$561.00		$
Rip-Rap, Grouted	SF	$10.00		$
Rip-Rap, Grouted	Ton	$75.00		$
Transition Structure	EA	$5,000.00		$
Underwalk Drain, W<6'	EA	$3,000.00		$
Underwalk Drain, W>6'	EA	$4,000.00		$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**

Street Lights				
Pull Box No. 3 1/2	EA	$500.00		$
Pull Box No. 5	EA	$700.00		$
Service Point	EA	$7,000.00		$
St. Light, 501 - 1 only	EA	$5,000.00		$
St. Light, 501 - 2 to 5	EA	$4,900.00		$
St. Light, 501 - 5+	EA	$4,800.00		$
St. Light, 502 - 1 only	EA	$5,500.00		$
St. Light, 502 - 2 to 5	EA	$5,400.00		$
St. Light, 502 - 5+	EA	$5,300.00		$
St. Lt. Conduit, 1" Sch 80				$
<500 LF	LF	$12.00		$
>500 LF	LF	$10.00		$
St. Lt. Conduit, 1 1/2				$
<500 LF	LF	$16.00		$
>500 LF	LF	$14.00		$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**

Traffic				
Signal, 6 phse+MstrCont.	EA	$300,000.00		$
Signal, 8 phse+MstrCont.	EA	$350,000.00		$
Signal, Both+Intrconnect	LF	$25.00		$
Striping, 4" Sld wht/ylw	LF	$0.50		$
Striping, 8" Sld wht/ylw	LF	$0.65		$
Striping 12" Sld wht/ylw	LF	$2.50		$
Striping, Skip	LF	$0.35		$
Striping, Double	LF	$0.75		$
			SUBTOTAL	**$**

Walls				
Retaining Walls	SF	$15.00		$

Miscellaneous				
Barricade, 40'	EA	$1,600.00		$
Water Lateral	EA	$5,000.00		$

Water Meter Installation	EA	$2,500.00		$
Paving Replacement, Trench	LF	$16.00		$
Pressure Reducing Station	EA	$90,000.00		$
Shoring for Trenches > 5' Deep	LF	$17.00		$
Street Name Signs	EA	$500.00		$
OTHER=				$
OTHER=				$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**

Sewer				
Manhole, 5' dia., 12' to 20' deep	EA	$10,000.00		$
Manhole, 5' dia. > 20' deep	EA	$13,000.00		$
Pipe, 4" VCP	LF	$70.00		$
Pipe, 6" VCP	LF	$106.00		$
Pipe, 8" VCP	LF	$142.00		$
Pipe, 10" VCP	LF	$178.00		$
Pipe, 12" VCP	LF	$215.00		$
Pipe, 15" VCP	LF	$270.00		$
Pipe, 4" DIP	LF	$70.00		$
Pipe, 6" DIP	LF	$106.00		$
Pipe, 8" DIP	LF	$142.00		$
Pipe, 10" DIP	LF	$178.00		$
Pipe, 12" DIP	LF	$215.00		$
Pipe, 15" DIP	LF	$270.00		$
			SUBTOTAL	**$**

Miscellaneous Sewer				
Adjust Manhole	EA	$2,000.00		$
Clean Out	EA	$2,000.00		$
Saddle	EA	$2,610.00		$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**

Water				
Pipe, 4" DIP	LF	$43.00		$
Pipe, 6" DIP	LF	$57.00		$
Pipe, 8" DIP	LF	$75.00		$
Pipe, 10" DIP	LF	$93.00		$
Pipe, 12"DIP	LF	$105.00		$
Valve, 4"	EA	$1,500.00		$
Valve, 6"	EA	$1,800.00		$
Valve, 8"	EA	$2,800.00		$
Valve, 10"	EA	$4,000.00		$

Valve, 12"	EA	$5,300.00		$
Valve, 16"	EA	$7,500.00		$
			SUBTOTAL	**$**

Miscellaneous Water				
Air & Vac, 1"	EA	$2,700.00		$
Fire Hydrant, 6"	EA	$4,900.00		$
Fire Service, 6"	EA	$12,000.00		$
Fire Service, 8"	EA	$20,000.00		$
Fire Service 10"	EA	$30,000.00		$
Hot Tap, 8"	EA	$3,550.00		$
Hot Tap, 10"	EA	$3,900.00		$
Hot Tap, 12"	EA	$4,750.00		$
Service, 1"	EA	$2,500.00		$
Service, 2"	EA	$3,400.00		$
OTHER=				$
OTHER=				$
OTHER=				$
			SUBTOTAL	**$**
			TOTAL COST	**$**

PREPARED BY:

Engineer's Name & Signature **WET STAMP & DATE**

Company

Tel No/Email

PCB SOIL INVESTIGATION REPORT

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA

PREPARED FOR:

CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE
CORONA, CALIFORNIA 92879

PREPARED BY:

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EARTHCON PROJECT NUMBER. 04.20150013.19

OCTOBER 29, 2021

Certification:

PCB Soil Investigation Report

Clow Valve
1375 Magnolia Avenue
Corona, California

Prepared for:

Clow Valve
1375 Magnolia Avenue
Corona, California 92879

October 29, 2021

EarthCon Consultants, Inc. (EarthCon) presents conclusions herein based solely on the agreed upon scope of work outlined in this report. EarthCon makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this report. Additional information, which was not found or available to EarthCon at the time of writing this report, may result in modification of the conclusions presented. This report is not a legal opinion. The services performed by EarthCon have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

Signed:

Rebecca Sundilson
Senior Scientist

Jeff Bennett, PG 6027, CHG 400
Principal Hydrogeologist



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1.0 INTRODUCTION

Clow Valve Company (Clow), a Division of McWane, contracted EarthCon Consultants CA, Inc. (EarthCon) to prepare this PCB Soil Investigation Report (Report) for the facility located at 1375 Magnolia Avenue in Corona, California (Site; see Figure 1 and Figure 2). During the implementation of the Department of Toxic Substances Control (DTSC) approved *Corrective Measures Implementation Workplan* (CMIWP), elevated PCB concentrations were reported during the characterization sampling of the soil stockpiles. These PCB concentrations were associated with areas containing foundry sand that were identified as "hot spots" because they contained lead levels over 1,000 mg/kg. Foundry sand from "hot spot" areas in the northern parking lot and Area of Concern 1 (AOC1) was excavated and subsequently stockpiled for characterization. Sample results from the stockpile associated with the former SW3 sample location exhibited elevated total PCB concentrations that were reported as high as 280 mg/kg. Subsequent analysis of the remaining stockpiles from the CMIWP implementation reported total PCB concentrations ranging from 11 mg/kg to 29 mg/kg.

Due to potential future Site redevelopment activities, McWane contacted the United States Environmental Protection Agency (USEPA) to discuss the necessity for conducting a PCB soil investigation at the Site to understand the distribution of the PCB concentrations and their relationship to the foundry sand. As a result of the discussions with the USEPA during a conference call on September 29, 2021, the soil investigation program described in this document was developed.

The following sections provide a summary of the soil investigation activities and the associated results.

2.0 SOIL INVESTIGATION ACTIVITIES

As noted previously, representatives from EarthCon, McWane, and Anaco participated in a conference call with the USEPA on September 29, 2021. During the conference call, the information discussed included historical Site operations, examples of materials encountered in the subsurface during implementation of the CMIWP, and identification of the proposed sample locations. The purpose of the soil investigation was to identify the extent of foundry sand as well as the range of PCB concentrations on-Site in order to facilitate planning for potential redevelopment activities in light of the requirements of 40 CFR 761. Therefore, after input was received from the USEPA, a revised soil sample location map was subsequently provided to the USEPA and approved.

2.1 Pre-Field Activities

Prior to the commencement of field activities, EarthCon verified that proper underground utility clearances were conducted. Underground Services Alert (USA) was notified at least 72-hours prior to initiation of field activities. In addition, due to the concern of subgrade utilities and/or piping, a geophysical survey was conducted prior to initiation of sampling activities.

Field work was conducted in accordance with the current Site Health and Safety Plan (HASP). The scope of work and elements of the HASP were discussed daily during the tail-gate safety meetings.

2.2 Field Activities

Soil sampling investigation activities were conducted on-Site over a series of days beginning on October 4, 2021 and ending on October 29, 2021. Various types of material were encountered in the subsurface including, but not limited to, foundry sand, sand core fragments, rocks, bricks, rubber, and a “spongy” vesicular material that appeared to be residual glue or resin. In a few instances, the bore holes collapsed due to the dry fine-grained sand that was encountered, preventing samples from being collected beyond the initial depth. Detailed field notes and representative photographs were recorded throughout soil investigation. Further information can be found from the individual boring logs provided in Appendix A and photographs provided in Appendix B.

A total of thirty-six (36) soil boring locations (S-1 through S-36) were advanced across the Site (See Figure 2). A hand-auger was initially utilized to advance the boring to 5 ft bgs, collecting soil samples at 1 ft, 3ft, and 5 ft bgs. However, based on the materials encountered as described previously, some samples required the assistance of an air knife rig and/or a direct push drilling rig to collect samples to depth. Additionally, based on the materials encountered at 5 ft bgs and/or the initial analytical results, the borings were advanced to greater depths. Borings advanced to greater depths were completed so that the depth of foundry sand could be defined by identifying when native sand was observed. In addition, deeper samples were also collected in instances where the initial sample results reported elevated PCB concentrations in order to potentially define the limits of concentrations exceeding 1 mg/kg. Three step-out borings (S-34 though S-36) locations were added to the original proposed locations in the vicinity of S-9 to define the limits of the initial PCB results reported in that location. As a result, a total of ninety-nine (99) soil samples were collected at the Site during the soil investigation.

Once sample collection was completed, each boring location was backfilled using commercially available sand and subsequently patched with quick setting concrete that was color dyed as needed in order to match the existing ground cover surface conditions.

2.2.1 Sample Management

Soil samples were collected under a strict chain of custody protocol and were submitted to a California-State Certified Laboratory, on a rush turn-around time. Sampling equipment was decontaminated in between each sample collection in accordance with the USEPA Guidance[1] using a 2-rinse system followed by a hexane wipe. The rinseate was stored in a 55-gallon steel drum on-Site pending disposal.

Soil samples were analyzed for the following:

- PCBs in accordance with U.S. EPA Method 8082A/3540C (Soxhlet extraction)

Each sample container was labeled with unique sample number, date, time, requested analyses, and initials of sampling personnel, as appropriate. After labeling, the soil samples were placed in a

1 USEPA. 2011. *Standard Operating Procedure for Sampling Porous Surfaces for Polychlorinated Biphenyls.* May 2011

cooler on ice for transportation to the laboratory. In accordance with Chapter 9, Section 9.2.2.7 of SW-846, a chain of custody record documented sample possession from the time of collection until the samples were analyzed. The record also served as a sample inventory and analysis order form.

Sampling personnel transported the samples at the end of each field day to the laboratory. When possession of the samples was transferred from sampling personnel to the laboratory, both parties signed the chain of custody.

2.2.2 Investigation Derived Waste

Investigation derived waste generated during soil investigation activities included soil cuttings and decon rinseate water. Disposal will be based on the analytical results from the characterization samples. The disposal of PCBs at concentrations of 50 ppm or greater, if encountered, will be conducted in accordance with 40 CFR 761 subpart D. Depending on the characterization of PCB-impacted soil, subsequent transportation will likely be to a TSCA disposal facility such as US Ecology in Beatty, NV. Laboratory reports and facility disposal information associated with waste characterization will also be provided to the USEPA prior to transportation off-Site.

3.0 INVESTIGATION RESULTS

3.1 Field Observations

As noted previously, various types of material were encountered during the soil sampling investigation (see boring logs provided in Appendix A). Of all the non-native material observed, the largest quantity encountered was foundry sand. In general, foundry sand was encountered in the soil borings located along the northern portion of the Site through the parking lot area and it extended east/southeast underneath the former Clow Building. The depth at which foundry and was encountered was generally from the surface to approximately 5 ft bgs in most of the identified borings. However, in isolated locations the foundry sand total depth ranged from approximately 6 ft bgs to 11 ft bgs.

Further details are provided in the boring logs provided in Appendix A and the photologs provided in Appendix B. Extent of the foundry sand is illustrated in the contour figures provided in Appendix C

3.2 Analytical Results

As discussed previously, a total of 99 soil samples were collected from a total of 36 soil boring locations. PCB concentrations were detected in 18 boring locations with the majority of these detections correlating to the presence of foundry sand. Generally, the aroclors reported included Aroclor-1248 and Aroclor-1260, with two isolated occurrences of Aroclor-1016 and Aroclor-1254. The highest PCB concentrations were reported in the 1 ft bgs sample with the maximum concentrations of total PCBs reported at 290 mg/kg (S-31). In comparison, the highest total PCB concentrations at greater depths were 170 mg/kg (S-31 at 3 ft bgs), 120 mg/kg (S-31 at 5 ft bgs), and 7.8 mg/kg (one 6 ft bgs sample at S-30)[2].

As show on Figure 3 the extent of PCB impacted soil appears to have a larger presence at 1 ft bgs and decreasing in extent moving towards greater depths. Additionally, the highest total PCB concentrations appear to be focused in the center of the parking lot north of the Anaco Production Plant. The reported total PCB concentrations are generally correlated to the presence of foundry sand as illustrated in contours provided in Appendix C compared to the results provided in Figure 3.

A summary of the analytical results is provided in Table 1 and on Figure 4. In addition, the

2 Two attempts were made to try and collect a deeper sample below 6 ft bgs at S-30 to delineate the elevated PCB concentrations. However, large rocks in the area prevented advancement and collection of a deeper sample.

associated laboratory reports and chain of custody forms are provided in Appendix D.

4.0 REFERENCES

EarthCon. 2020. *Corrective Measures Study Implementation Workplan*. March 26, 2020.

USEPA. 2011. *Standard Operating Procedure for Sampling Porous Surfaces for Polychlorinated Biphenyls*. May 2011.

TABLE

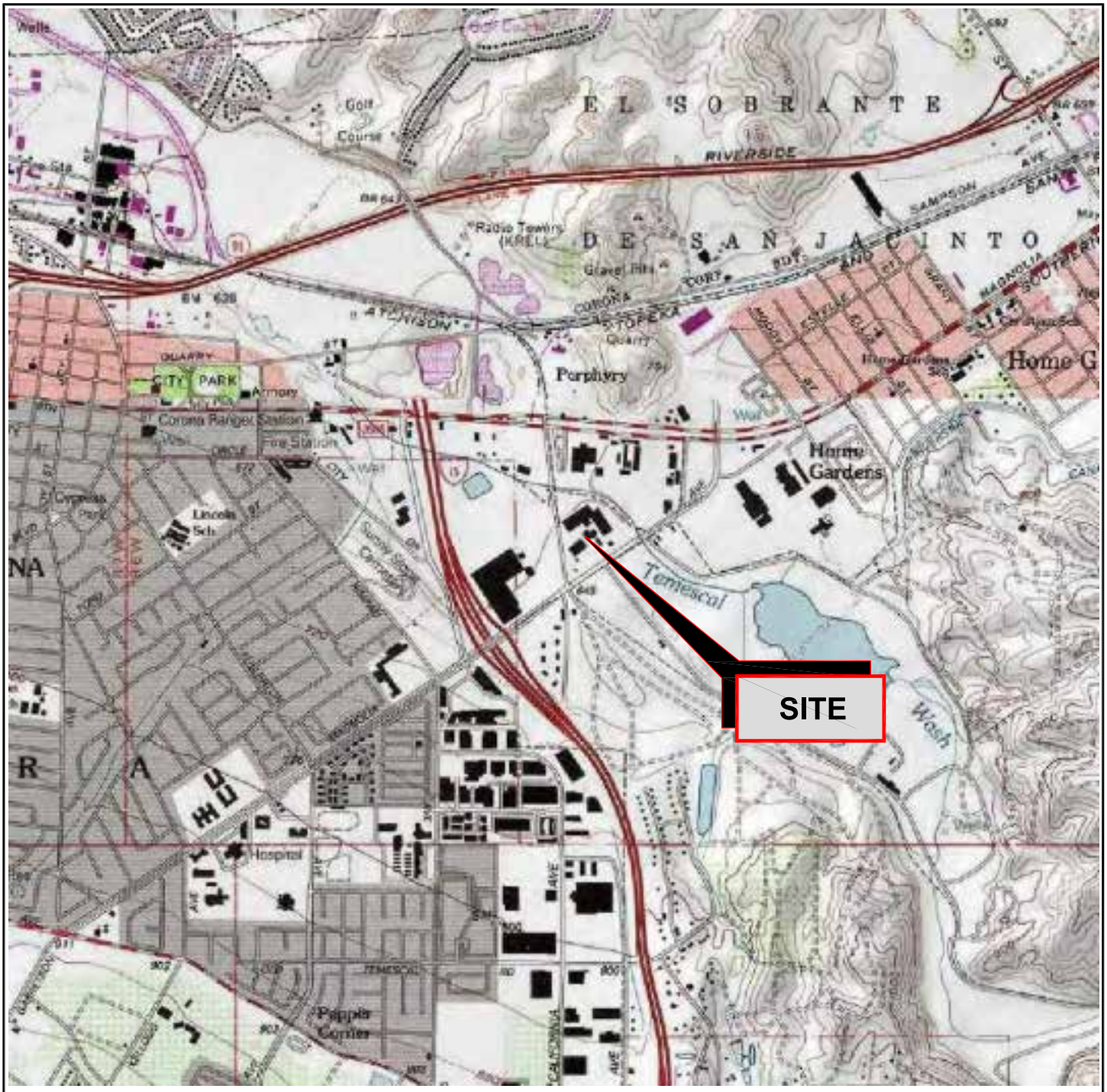
Table 1 - Soil Analytical Results
PCB Soil Investigation
Clow Valve

Sample ID	Date	Unit	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
S-1-1	10/4/2020	ug/kg	<2500	<1200	<1200	<1200	**36000**	**18000**	<1200	<1200	<1200
S-1-3	10/4/2020	ug/kg	<500	<250	<250	<250	**1800**	**1500**	**2400**	<250	<250
S-1-5	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
S-2-1	10/4/2020	ug/kg	<4900	<2500	<2500	<2500	**21000**	**14000**	**6100**	<2500	<2500
S-2-3	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	**20000**	<2500	**3600**	<2500	<2500
S-2-5	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	**19000**	<2500	**3800**	<2500	<2500
S-2-5.5	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-3-1	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
S-3-3	10/4/2020	ug/kg	<5000	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
S-3-5	10/4/2020	ug/kg	<98	<49	<49	<49	<49	<49	<49	<49	<49
S-4-1	10/4/2020	ug/kg	<200	<98	<98	<98	<98	<98	**150**	<98	<98
S-4-3	10/4/2020	ug/kg	<98	<49	<49	<49	<49	<49	<49	<49	<49
S-4-5	10/4/2020	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-5-1	10/4/2020	ug/kg	<98	<49	<49	<49	<49	<49	<49	<49	<49
S-6-1	10/4/2020	ug/kg	<100	<51	<51	<51	<51	<51	<51	<51	<51
S-6-3	10/4/2020	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-6-5	10/4/2020	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-7-1	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-8-1	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-8-3	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-8-5	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-9-1	10/5/2021	ug/kg	<5000	<2500	<2500	<2500	**26000**	<2500	**23000**	<2500	<2500
S-9-3	10/5/2021	ug/kg	<100	<50	<50	<50	**310**	<50	**370**	<50	<50
S-9-5	10/5/2021	ug/kg	<100	<50	<50	<50	**83**	<50	**71**	<50	<50
S-10-1	10/5/2021	ug/kg	<10000	<5000	<5000	<5000	**49000**	<5000	**16000**	<5000	<5000
S-10-3	10/8/2021	ug/kg	<100	<50	<50	<50	**1300**	<50	**1500**	<50	<50
S-10-5	10/8/2021	ug/kg	<200	<100	<100	<100	**590**	<100	**530**	<100	<100
S-10-8	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-11-1	10/5/2021	ug/kg	<20000	<10000	<10000	<10000	**110000**	<10000	**32000**	<10000	<10000
S-11-3	10/5/2021	ug/kg	<100	<50	<50	<50	**70**	<50	<50	<50	<50
S-11-5	10/5/2021	ug/kg	<100	<50	<50	<50	**230**	<50	**110**	<50	<50
S-12-1	10/5/2021	ug/kg	<200	<100	<100	<100	**300**	<100	<100	<100	<100
S-12-3	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-12-5	10/5/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-13-1	10/6/2021	ug/kg	<500	<250	<250	<250	<250	<250	<250	<250	<250
S-14-1	10/6/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-15-1	10/6/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-15-3	10/6/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-16-1	10/6/2021	ug/kg	<500	<250	<250	<250	<250	<250	<250	<250	<250
S-16-3	10/6/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-17-1	10/7/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-17-3	10/7/2021	ug/kg	<100	<50	<50	<50	**69**	<50	**52**	<50	<50
S-18-1	10/7/2021	ug/kg	<100	<50	<50	<50	**180**	<50	<50	<50	<50
S-18-3	10/7/2021	ug/kg	<100	<50	<50	<50	**61**	<50	<50	<50	<50
S-18-5	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-19-1	10/7/2021	ug/kg	<100b	<50	<50	<50	<50	<50	<50b	<50	<50
S-19-3	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-20-1	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-20-3	10/7/2021	ug/kg	<100	<50	<50	<50	<50b	<50	<50	<50	<50

Table 1 - Soil Analytical Results
PCB Soil Investigation
Clow Valve

Sample ID	Date	Unit	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
S-21-1	10/7/2021	ug/kg	<200	<100	<100	<100	<100	<100	<100	<100	<100
S-21-3	10/7/2021	ug/kg	<100b	<50	<50	<50	<50	<50	<50b	<50	<50
S-22-1	10/7/2021	ug/kg	<100	<50	<50	<50	<50b	<50	<50	<50	<50
S-22-3	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-22-5	10/7/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-23-1	10/8/2021	ug/kg	<200	<100	<100	<100	**6200**	<100	**5700**	<100	<100
S-23-3	10/8/2021	ug/kg	<200	<100	<100	<100	**3500**	<100	**3200**	<100	<100
S-23-5	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-23-7	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-24-1	10/8/2021	ug/kg	<200	<100	<100	<100	**400**	<100	**310**	<100	<100
S-24-3	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-24-5	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-25-1	10/12/2021	ug/kg	<1000	<500	<500	<500	**4600**	**2300**	<500	<500	<500
S-25-3	10/12/2021	ug/kg	<1000	<500	<500	<500	**1300**	**640**	<500	<500	<500
S-25-5	10/12/2021	ug/kg	<1000	<500	<500	<500	**680**	**290**	<500	<500	<500
S-26-1	10/12/2021	ug/kg	<1000	<500	<500	<500	**670**	<500	**5000**	<500	<500
S-26-3	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	**110**	<50	<50
S-26-5	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-27-1	10/12/2021	ug/kg	<1000	<500	<500	<500	**930**	<500	**2500**	<500	<500
S-27-3	10/12/2021	ug/kg	<100	<50	<50	<50	**410**	<50	**120**	<50	<50
S-27-5	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-27-10	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-28-1	10/12/2021	ug/kg	<1000	<500	<500	<500	**50000**	<500	**12000**	<500	<500
S-28-3	10/12/2021	ug/kg	<1000	<500	<500	<500	**5900**	**2900**	<500	<500	<500
S-28-5	10/12/2021	ug/kg	<1000	<500	<500	<500	**880**	**540**	<500	<500	<500
S-28-7	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-29-1	10/12/2021	ug/kg	<1000	<500	<500	<500	**630**	**510**	**720**	<500	<500
S-29-3	10/12/2021	ug/kg	**120**	<50	<50	<50	<50	<50	**290**	<50	<50
S-29-5	10/12/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-30-1	10/14/2021	ug/kg	<10000	<5000	<5000	<5000	**18000**	<5000	<5000	<5000	<5000
S-30-3	10/14/2021	ug/kg	<1000	<500	<500	<500	**2300**	<500	<500	<500	<500
S-30-5	10/14/2021	ug/kg	<10000	<5000	<5000	<5000	**31000**	<5000	<5000	<5000	<5000
S-30-6	10/14/2021	ug/kg	<2500	<1300	<1300	<1300	**7800**	<1300	<1300	<1300	<1300
S-31-1	10/14/2021	ug/kg	<100000	<50000	<50000	<50000	**290000**	<50000	<50000	<50000	<50000
S-31-3	10/14/2021	ug/kg	<100000	<50000	<50000	<50000	**170000**	<50000	<50000	<50000	<50000
S-31-5	10/14/2021	ug/kg	<25000	<13000	<13000	<13000	**120000**	<13000	<13000	<13000	<13000
S-31-10.5	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-32-1	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	**550**	<50	<50
S-32-3	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-32-5	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-32-7	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-32-11.8	10/14/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-33-1	10/15/2021	ug/kg	<100	<50	<50	<50	**1400**	<50	<50	<50	<50
S-33-3	10/15/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-34-1	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-34-3	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-35-1	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-35-3	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-36-1	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50
S-36-3	10/19/2021	ug/kg	<100	<50	<50	<50	<50	<50	<50	<50	<50

FIGURES



FROM: U.S. GEOLOGICAL SURVEY, 1997
QUADRANGLE: CORONA SOUTH
COUNTY: RIVERSIDE
SERIES: 7.5-MINUTE QUAD

NOTE: ALL BOUNDARIES AND LOCATIONS ARE APPROXIMATE

N
W E
S

0 2000 Feet
SCALE

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.00

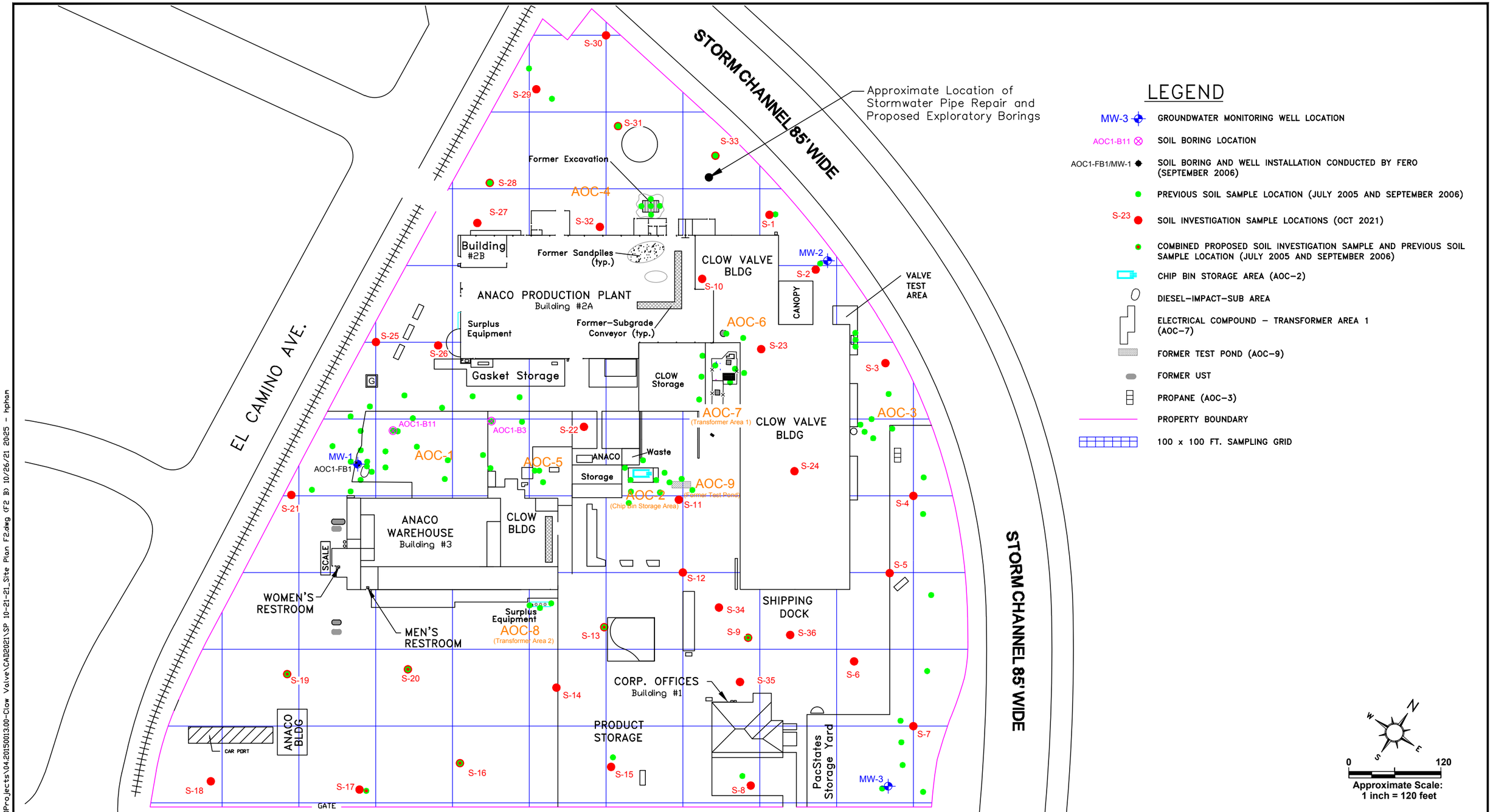
EARTHCON®
EARTHCON CONSULTANTS CA, INC
1914 W. ORANGEWOOD AVENUE, SUITE 102, ORANGE, CA 92868

VICINITY MAP

DRAWN:	CHECKED:	DATE:	FIGURE:
DCN	JB	12/30/15	1

FILENAME: S:\CAD\EARTHCON CAD\CLOW VALVE 1375 MAGNOLIA AVENUE, CORONA, CA_VICINITY MAP

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LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- S-23 — SOIL INVESTIGATION SAMPLE LOCATIONS (OCT 2021)
- COMBINED PROPOSED SOIL INVESTIGATION SAMPLE AND PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY
- 100 x 100 FT. SAMPLING GRID

CLOW VALVE

1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.19

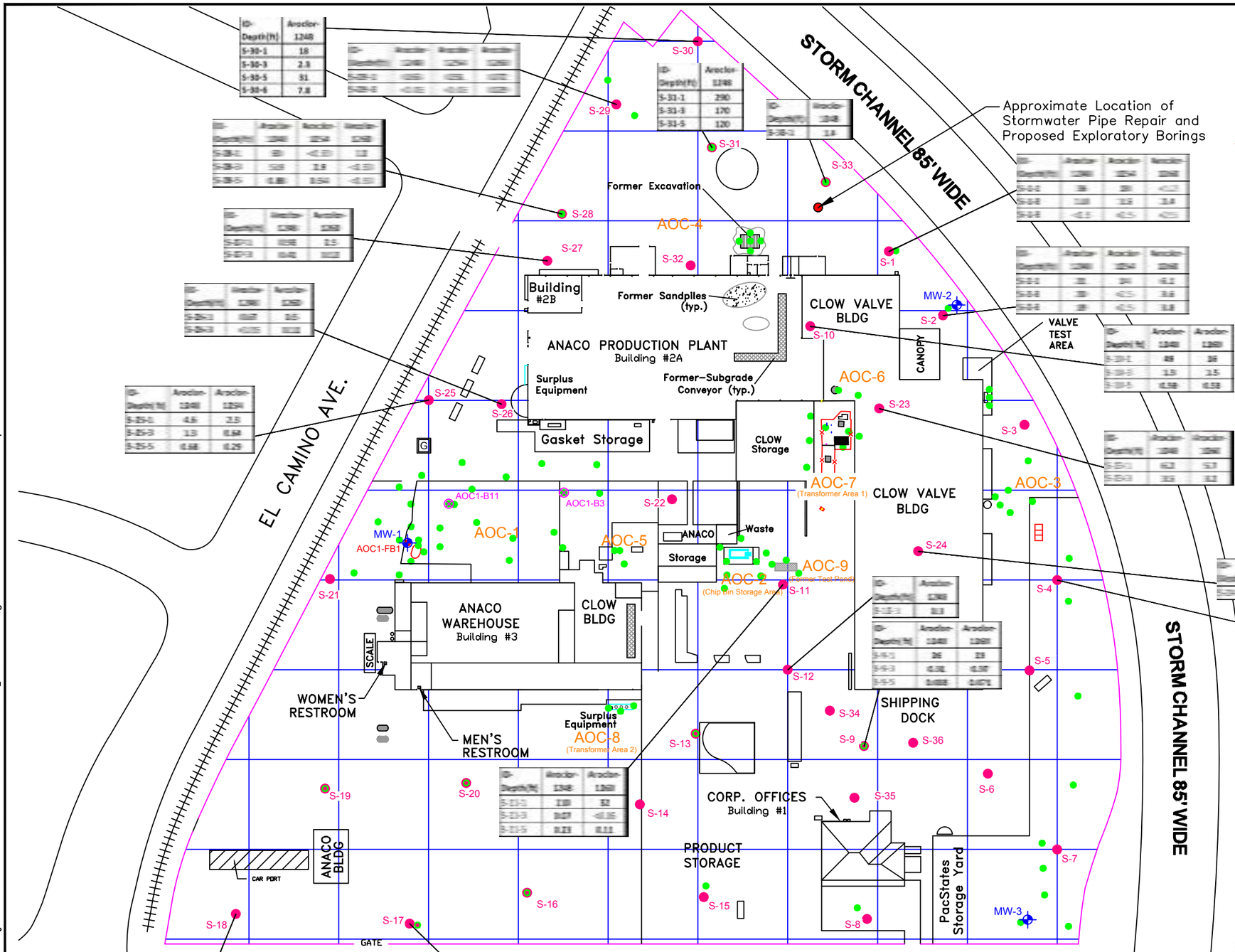
EARTHCON CONSULTANTS CA, INC
1100 TOWN & COUNTRY ROAD, SUITE 200, ORANGE, CA 92868

SITE PLAN

DRAWN:	CHECKED:	DATE:	FIGURE:
HVP	BS	10/22/2021	2

FILENAME: S:\Common\OrangeCADProjects\04.20150013.00-Clow Valve\CAD2021\SP 10-21-21_Site Plan F2.dwg (F2 B) 10/26/21 2025 - hphan

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LEGEND

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- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY
- 100 x 100 FT. SAMPLING GRID

ANALYTICAL RESULTS WERE RECORDED IN MILLIGRAMS PER KILOGRAM (mg/Kg)

N W E S

0 120

Approximate Scale:
1 inch = 120 feet

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.19

EARTHCON
Member of WSP

EARTHCON CONSULTANTS CA, INC
1100 TOWN & COUNTRY ROAD, SUITE 200, ORANGE, CA 92868

PCB CONCENTRATIONS

DRAWN:	CHECKED:	DATE:	FIGURE:
HVP	BS	10/27/2021	3

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD2021\SP 10-21-21_Site Plan F2.dwg (F4 PCBs Conc) 10/28/21 14:04 - hphan

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APPENDICES

Client:
Logged By: LML
Driller:
Drilling Method:
Sampling Method: Hand Auger
Casing Type:
Slot Size
Gravel Pack:

Location: Corona, CA
Date Drilled: 10/04/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter:
Well Depth:
Casing Stickup:

Project No: 04.20150013.19
Project Name: Claw Valve

EARTHCON®

Boring/Well ID S-1	Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Fine to medium dark brown sand with red sand core, coke, sponge material, black sand core, and yellow conglomerate.
					3				Same as above. some gravel
					5				Light brown Sandy Clay. Had a Sparkle to it. Trace of gravel

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: ____
Slot Size: __
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/04/21
Borehole Diameter: 5in
Borehole Depth: 5ft 5in
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Flow Valve

EARTHCON®

Boring/Well ID	Elevation (feet)	Northing (feet)	Easting (feet)
S-2			

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown sand with some gravel, red sand core, Sponge material, coke, yellow conglomerate.
					3				Same as above
					5				Same as above
					5.5				Brown medium to coarse sand with some gravel up to 0.5cm. Loose.

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: __
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/04/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Claw Valve

EARTHCON®

Boring/Well ID: S-3

Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Light brown fine to medium sand some gravel up to 0.5cm.
					3				Same as above
					5				Light brown medium to coarse grained sand with gravel up to 1in. loose

Scanned with CamScanner

PAGE 1 of

Client: _____
Logged By: LHL
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: ____
Slot Size: __
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/04/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Flow Valve

EARTHCON®

Boring/Well ID S-4	Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Light brown fine to medium sand with some gravel up to 0.5cm.
					3				Same as above.
					5				same as above.

Scanned with CamScanner

PAGE 1 of 1

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: _____
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/04/21
Borehole Diameter: 8in
Borehole Depth: 1ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Claw Valve

EARTHCON®

Boring/Well ID: S-5

Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Light brown fine to medium sand with gravel up to 0.5cm. Loose

Scanned with CamScanner

PAGE 1 of 1

Client:
Logged By: LML
Driller:
Drilling Method:
Sampling Method: Hand Auger
Casing Type:
Slot Size:
Gravel Pack:

Location: Corona, CA
Date Drilled: 10/04/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter:
Well Depth:
Casing Stickup:

Project No: 04.20150013.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID: S-6

Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				fine to medium Dark brown sand with chunks of rsc, and coke material.
					3				Same as above
					5				light brown medium to coarse sand with gravel up to 0.5cm. Loose

Scanned with CamScanner

PAGE 1 of 1

Client: _____
Logged By: LMC
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: ____
Slot Size: __
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/05/21
Borehole Diameter: 5in
Borehole Depth: 3Ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Flow Valve

EARTHCON®

Boring/Well ID: S-7

Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Light brown fine Sand. Loose
					3				Same as above.

Scanned with CamScanner

PAGE 1 of 1

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: _____
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/05/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID S-8	Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Light brown fine sand. Moist.
					3				Light brown fine to medium sand with some gravel up to 0.5cm. Moist.
					5				Medium to coarse grained sand with some gravel up to 0.5cm.

Scanned with CamScanner

Client: _____
Logged By: UML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: _____
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/05/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20160013.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID: S-9

Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown medium to coarse grained Sand with gravel up to 0.5cm.
					3				Same as above
					5				Light brown medium to coarse grained Sand.

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: __
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/05/21
Borehole Diameter: 6in
Borehole Depth: 8ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.2015.0013.19
Project Name: Claw Valve

EARTHCON®

Boring/Well ID: S-10

Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				medium dark brown sand with red sand core, coke, and slag fragments.
					3				medium dark brown sand with red sand core, coke, and sponge material.
					5				Dark brown medium sand with black sand core, Sponge material, yellow conglomerate, and slag fragments.
					7				Same as above
					8				Light brown fine to medium sand with some gravel up to 0.5cm.

Scanned with CamScanner

Client: _____
Logged By: LHL
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: __
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/6/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

PAGE 1 of 1
Project No: 04.20150013.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID: S-11 | Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Fine to medium dark brown sand with small chunks of yellow sand core.
					3				Light brown medium to coarse grained sand with gravel up to 0.5cm. Loose
					5				same as above.

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand auger
Casing Type: _____
Slot Size: _____
Gravel Pack: _____

Location: Corona Cliff
Date Drilled: 10/05/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

PAGE 1 of

Project No: 04.2015.0013.19
Project Name: Glow Valve

EARTHCON®

Boring/Well ID: S-12

Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown medium to coarse grained sand with gravel. loose
					3				Same as above
					5				Same as above

Scanned with CamScanner

Client:
Logged By: LML
Driller:
Drilling Method:
Sampling Method: Hand Auger
Casing Type:
Slot Size
Gravel Pack:

Location: Corona, CA
Date Drilled: 10/08/21
Borehole Diameter: 5in
Borehole Depth: 1ft
Well Diameter:
Well Depth:
Casing Stickup:

PAGE 1 of 1

Project No: 04.20150013.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID: S-13

Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown medium to coarse grained sand with gravel.

Scanned with CamScanner

Client: _____
Logged By LML
Driller: _____
Drilling Method: _____
Sampling Method Hand Auger
Casing Type: ____
Slot Size: __
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/04/21
Borehole Diameter: 5in
Borehole Depth: 1ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150213.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID S-14

Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown medium to coarse grained sand with large rocks greater than 1in.

Scanned with CamScanner

Client:
Logged By: LML
Driller:
Drilling Method:
Sampling Method: Hand auger
Casing Type:
Slot Size:
Gravel Pack:

Location: Conrad, MT
Date Drilled: 10/06/21
Borehole Diameter: 5in
Borehole Depth: 3ft
Well Diameter:
Well Depth:
Casing Stickup:

PAGE 1 of

Project No: 04.20150013.19
Project Name: Blow Valve

EARTHCON®

Boring/Well ID S-1S

Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown fine to medium sand with some gravel.
					3				Same as above

Scanned with CamScanner

Client

PAGE 1 of 1

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: _____
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/26/21
Borehole Diameter: 5in
Borehole Depth: 3ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Class Valve

EARTHCON®

Boring/Well ID S-10

Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown fine to medium sand with some gravel up to 0.5cm.
					3				Same as above

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: ____
Slot Size: __
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/07/21
Borehole Diameter: 5in
Borehole Depth: 3ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

PAGE 1 of 1

Project No: OU.20150013.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID S-17	Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown fine to medium sand. Loose.
					3				Dark brown medium to coarse grained sand with gravel up to 0.5cm. Loose.

Scanned with CamScanner

Client: _____ Location: Corona, CA

Logged By: UML Date Drilled: 10/07/21

Driller: _____ Borehole Diameter: 5in

Drilling Method: _____ Borehole Depth: ~~8ft~~ 3ft

Sampling Method: Hand Auger Well Diameter: _____

Casing Type: ____ Well Depth: _____

Slot Size: __ Casing Stickup: _____

Gravel Pack: _____

PAGE 1 of 1

Project No: 04.20150013.19

Project Name: Claw Valve

EARTHCON®

Boring/Well ID S-18	Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown fine moist silty sand.
					3				Dark brown medium to coarse grained sand with gravel.

Scanned with CamScanner

Client: _____
Logged By: MK
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: __
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/07/21
Borehole Diameter: 5in
Borehole Depth: 3ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID S-19 | Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown fine moist sand with some gravel
					3				Same as above. Some larger rock.

Scanned with CamScanner

Client: _____
Logged By: MHL
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: _____
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/07/21
Borehole Diameter: 5in
Borehole Depth: 3Ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID S-20

Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown medium to coarse grained Sand with gravel.
					3				Light brown medium to coarse grained Sand with gravelgreater than 0.5cm.

Scanned with CamScanner

Client: _____
Logged By: ML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: _____
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/9/21
Borehole Diameter: 2in
Borehole Depth: 3ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Clous Valve

EARTHCON®

Boring/Well ID S-21

Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Light brown fine silty sand. Moist
					3				Same as above

Scanned with CamScanner

Client: _____
Logged By: LMC
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: _____
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/07/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

PAGE 1 of

Project No: 04.20150013.19
Project Name: Claw Valve

EARTHCON®

Boring/Well ID S-22

Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion / Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample Recovery	Sample Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Light brown fine silty sand with chunks of slag, yellow conglomerate, and coke material. White powder material also throughout.
					3				Same as above but fine brick chunks also noted.
					5				Same as above.

Scanned with CamScanner

Client: _____
Logged By: CMC
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: __
Gravel Pack: _____

Location: Comna, CA
Date Drilled: 10
Borehole Diameter: 5in
Borehole Depth: ~~5ft~~ 7ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

PAGE 1 of 1

Project No: 042015 00013.19
Project Name: Claus Valve

EARTHCON®

Boring/Well ID: S-23

Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown medium sand with red sand core, Black sand core material. Moist
					3				Same as above. Moist.
					5				Fine dark brown sand with chunks of plastic and metal.
					7				Light brown silty sand with gravel <0.5cm

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand auger
Casing Type: _____
Slot Size: _____
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/08/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID S-24

Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown medium sand with red sand core, coke, and slag material.
					3				Dark brown sand with red sand core, coke, and orange sand core.
					5				Light brown silty sand with traces of gravel.

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: _____
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/12/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.2015.0013.19
Project Name: Claw Valve

EARTHCON®

Boring/Well ID S-25

Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown Sand with yellow Sand core, slag, red sand core, Spongy material.
					3				medium brown sand with gravel. Some plastic pieces.
					5				Same as above

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: __
Gravel Pack: _____

Location: Corona CA
Date Drilled: 10/12/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Claw Valve

EARTHCON®

Boring/Well ID: S-20

Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				blackish brown sand with red sand core. Spongy material black sand core, coke, yellow conglomerate.
					3				Light Brown silty sand. loose
					5				fine to medium brown sand with gravel up to 0.5cm.

Scanned with CamScanner

Client: _____
Logged By: WMC
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: _____
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/12/21
Borehole Diameter: 5in
Borehole Depth: 6ft.
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Claus Valve

EARTHCON®

Boring/Well ID S-27	Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion / Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark blackish brown sand with red sand core, spongy material, yellow sand core, coke, and slag
					3				Same as above
					5				Same as above
					6				Fine to medium brown sand with gravel. Loose.

Scanned with CamScanner

Client: _____
Logged By: LHL
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: _____
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/12/21
Borehole Diameter: 5in.
Borehole Depth: ~~10~~ 5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

PAGE 1 of 1

Project No: 04.20150013.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID S-28

Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark blackish brown sand with red sand core, spongy material, black sand core, yellow sand core, coke material. metal debris.
					3				Same as above
					5				Light brown medium to coarse sand loose. some gravel.
		--			7				Same as above.

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: __
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/12/21
Borehole Diameter: 5in
Borehole Depth: 5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

PAGE 1 of 1

Project No: 04.20150013.19
Project Name: Blow Valve

EARTHCON®

Boring/Well ID S-29

Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark blackish brown sand with red sand core, spongy material, black sand core, and slag material.
					3				Same as above
					5				Fine to medium brown silty sand with some gravel. Loose.

Scanned with CamScanner

Client: _____
Logged By: WL
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: ___
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/12/21
Borehole Diameter: 5in
Borehole Depth: 6ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Claw Valve

EARTHCON®

Boring/Well ID S-30

Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark blackish brown medium sand with black sand core, red sand core, yellow sand core.
					3				Same as above. Also coke and yellow conglomerate, and spongy material
					5				Same as above
					6				Fine to medium brown silty sand with some gravel

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: __
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/12/21
Borehole Diameter: 5in
Borehole Depth: 10.5ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

PAGE 1 of 1
Project No: 04.20150013.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID S-31 | Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion / Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				blackish brown sand with red sand cone, slag, coke, spongy material, black sand cone, ~~etc.~~
					3				Same as above
					5				Same as above
					7				Same as above
					9				Same as above
					10.5				Light brown silty sand with some gravel. Loose

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: ___
Gravel Pack: _____

Location: Corona CA
Date Drilled: 10/14/21
Borehole Diameter: 5in
Borehole Depth: 11.8ft
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.2015001319
Project Name: Clow Valve

EARTHCON®

Boring/Well ID S-32 | Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				blackish brown fine sand with slag, coke, red sand core, black sand core, spongy material,
					3				same as above
					5				same as above. Note bright green spongy material.
					7				same as above.
					11.8				light brown silty sand with some clay. (sparkle to it) very moist

Scanned with CamScanner

Client: _____ Location: Corona, CA
Logged By: UNL Date Drilled: 10/14/21
Driller: _____ Borehole Diameter: 5in
Drilling Method: _____ Borehole Depth: 3ft.
Sampling Method: Hand Auger Well Diameter: _____
Casing Type: ____ Well Depth: _____
Slot Size: __ Casing Stickup: _____
Gravel Pack: _____

Project No: 04.20150013.19
Project Name: Claw Valve

EARTHCON®

Boring/Well ID S-33 | Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion / Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Blackish brown coarse sand with black sand core, yellow sand core, red sand core, coke, and yellow conglomerate.
					3				light brown fine silty sand with some gravel. Loose.

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: ~~Geoprobe~~ Hand Auger
Casing Type: _____
Slot Size: __
Gravel Pack: _____

Location: Corona, CA
Date Drilled: 10/19/21
Borehole Diameter: 5in
Borehole Depth: 3Ft.
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

PAGE 1 of 1
Project No: 04.20150013.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID S-34 | Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Light brown medium to coarse grained sand with gravel up to 0.5cm.
					3				Same as above

Scanned with CamScanner

Client: _____
Logged By: CML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: __
Gravel Pack: _____

Location: Corona CA
Date Drilled: 10/19/21
Borehole Diameter: 5in
Borehole Depth: 3ft.
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20150013.19
Project Name: Flow valve

EARTHCON®

Boring/Well ID S-35

Elevation (feet)	Northing (feet)	Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown medium to coarse grained sand with traces of gravel. Small black sand core fragments. Moist.
					3				Light brown, medium to coarse grained sand with gravel.

Scanned with CamScanner

Client: _____
Logged By: LML
Driller: _____
Drilling Method: _____
Sampling Method: Hand Auger
Casing Type: _____
Slot Size: __
Gravel Pack: _____

Location: Corona CA
Date Drilled: 10/19/21
Borehole Diameter: 5in
Borehole Depth: 3ft.
Well Diameter: _____
Well Depth: _____
Casing Stickup: _____

Project No: 04.20500.3.19
Project Name: Clow Valve

EARTHCON®

Boring/Well ID S-36 | Elevation (feet) | Northing (feet) | Easting (feet)

Boring Completion: Backfill	Water Level	Moisture Content	Vapor Concentration (ppm)	Blow Counts	Depth (feet)	Sample: Recovery	Sample: Interval	Soil Type	LITHOLOGY / DESCRIPTION
					1				Dark brown medium to coarse grained sand with some gravel. Moist.
					3				same as above

Scanned with CamScanner

Overall Site Investigation Photo Log



Photograph 1: Spongy material (SM) and red sand core (RSC).



Photograph 2: Example of the dark brown foundry sand (FS).

SITE PHOTOGRAPHS October 2021	EARTHCON Environmental Challenges BUSINESS SOLUTIONS	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO 04.20150013.19**



Photograph 3: Light brown sand commonly found along the northeastern portion of the property. Near sample locations S-4, S-5, S-6, and S-7. .



Photograph 4: Base material found underneath the asphalt at sample location S-19. .

SITE PHOTOGRAPHS October 2021	EARTHCON Environmental Challenges BUSINESS SOLUTIONS	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO 04.20150013.19**



Photograph 5: Another example of the foundry sand from sample location S-32. The SM at this location was lime green in color.



Photograph 6: View of foundry sand from S-31 location.

SITE PHOTOGRAPHS October 2021	EARTHCON Environmental Challenges BUSINESS SOLUTIONS	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO 04.20150013.19**



Photograph 7: View of plastic and metal material found at sample location S-23 at 5ft bgs.



Photograph 8: View of orange colored sand core found at S-24 location.

SITE PHOTOGRAPHS October 2021	EARTHCON Environmental Challenges BUSINESS SOLUTIONS	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO 04.20150013.19**



Photograph 9: View of Blaine Tech crew hand augering at S-3



Photograph 10: View of BC2 crew using the Air Knife to try to break through some of the coke material.

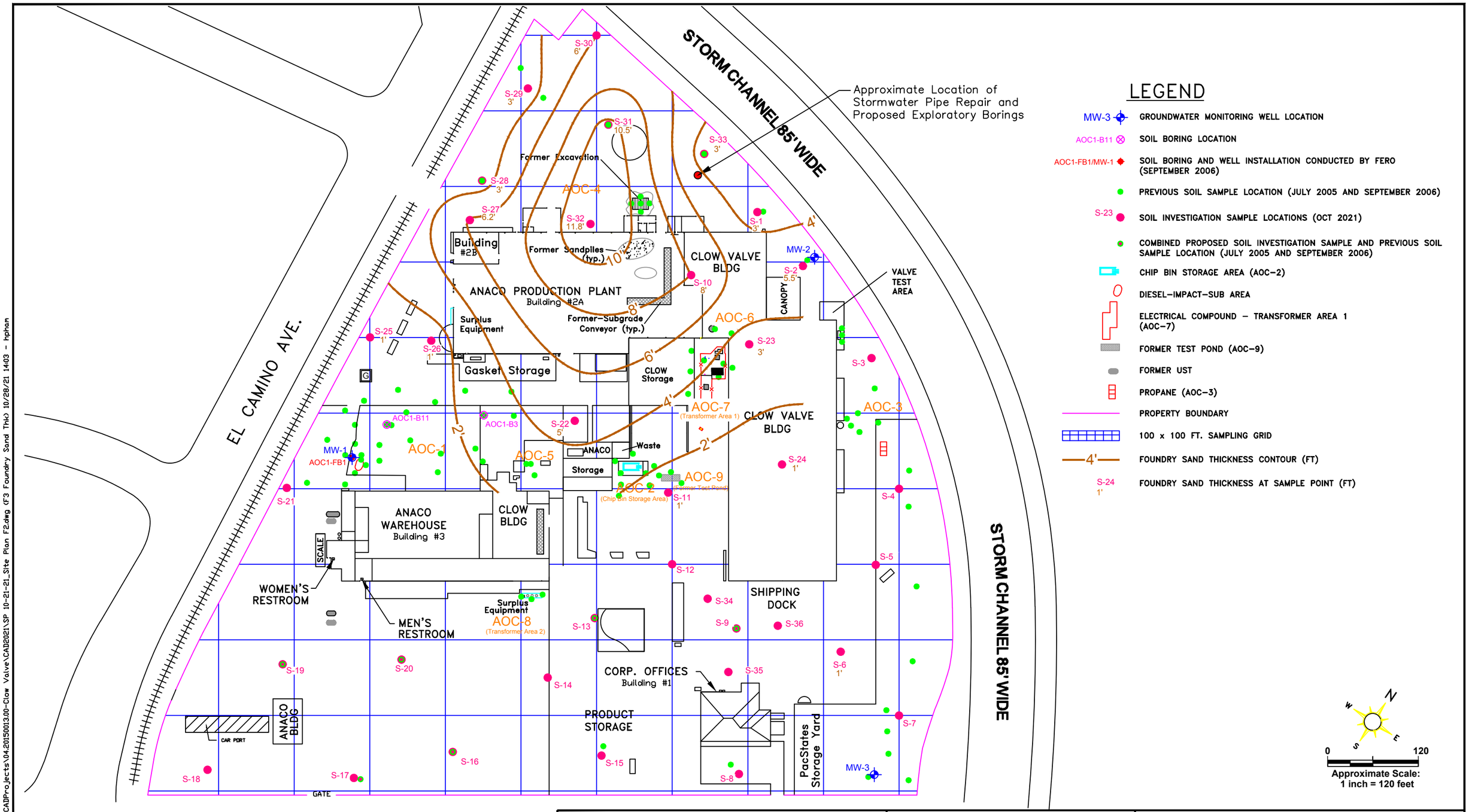


Photograph 11: View of BC2 crew setting up the Geoprobe direct push rig to collect samples



Photograph 12: View of BC2 crew using the Geoprobe direct push rig at sample location S-23.

SITE PHOTOGRAPHS October 2021	EARTHCON Environmental Challenges BUSINESS SOLUTIONS	**Clow Valve** **1375 Magnolia Ave** **Corona, CA** **PROJECT NO 04.20150013.19**



LEGEND

- MW-3 — GROUNDWATER MONITORING WELL LOCATION
- AOC1-B11 — SOIL BORING LOCATION
- AOC1-FB1/MW-1 — SOIL BORING AND WELL INSTALLATION CONDUCTED BY FERO (SEPTEMBER 2006)
- PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- S-23 — SOIL INVESTIGATION SAMPLE LOCATIONS (OCT 2021)
- COMBINED PROPOSED SOIL INVESTIGATION SAMPLE AND PREVIOUS SOIL SAMPLE LOCATION (JULY 2005 AND SEPTEMBER 2006)
- CHIP BIN STORAGE AREA (AOC-2)
- 0 — DIESEL-IMPACT-SUB AREA
- ELECTRICAL COMPOUND – TRANSFORMER AREA 1 (AOC-7)
- FORMER TEST POND (AOC-9)
- FORMER UST
- PROPANE (AOC-3)
- PROPERTY BOUNDARY
- 100 x 100 FT. SAMPLING GRID
- 4' — FOUNDRY SAND THICKNESS CONTOUR (FT)
- S-24 1' — FOUNDRY SAND THICKNESS AT SAMPLE POINT (FT)

CLOW VALVE
1375 MAGNOLIA AVENUE
CORONA, CA 92879

PROJECT NO. 04.20150013.19

EARTHCON CONSULTANTS CA, INC
1100 TOWN & COUNTRY ROAD, SUITE 200, ORANGE, CA 92868

FOUNDRY SAND THICKNESS CONTOURS

DRAWN:	CHECKED:	DATE:	FIGURE:
HVP	BS	10/26/2021	1

FILENAME: S:\Common\DrangeCADProjects\04.20150013.00-Clow Valve\CAD2021\SP 10-21-21_Site Plan F2.dwg <F3 Foundry Sand Thk> 10/28/21 14:03 - hphan

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Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 451402
Report Level: II
Report Date: 10/11/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - Clow - 1375 Magnolia Ave

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	451402
Project No:	CLOW
Location:	Clow - 1375 Magnolia Ave
Date Received:	10/04/21

Sample ID	Lab ID	Collected	Matrix
S-1-1	451402-001	10/04/21 08:40	Soil
S-1-3	451402-002	10/04/21 09:09	Soil
S-1-5	451402-003	10/04/21 09:30	Soil
S-2-1	451402-004	10/04/21 10:10	Soil
S-2-3	451402-005	10/04/21 10:15	Soil
S-2-5	451402-006	10/04/21 10:30	Soil
S-3-1	451402-007	10/04/21 10:58	Soil
S-3-3	451402-008	10/04/21 11:08	Soil
S-3-5	451402-009	10/04/21 11:32	Soil
S-4-1	451402-010	10/04/21 12:04	Soil
S-4-3	451402-011	10/04/21 12:20	Soil
S-4-5	451402-012	10/04/21 12:36	Soil
S-5-1	451402-013	10/04/21 13:01	Soil
S-6-1	451402-014	10/04/21 13:56	Soil
S-6-3	451402-015	10/04/21 14:06	Soil
S-6-5	451402-016	10/04/21 14:18	Soil

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 451402 Project No: CLOW Location: Clow - 1375 Magnolia Ave Date Received: 10/04/21

This data package contains sample and QC results for sixteen soil samples, requested for the above referenced project on 10/04/21. The samples were received cold and intact.

PCBs (EPA 8082):

High surrogate recoveries were observed for decachlorobiphenyl (PCB surrogate) in many samples. S-3-1 (lab # 451402-007) was diluted due to the dark and viscous nature of the sample extract. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 451402

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard: X | 5 Day: | 3 Day: | Custom (Q1): X

2 Day: | 1 Day:

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SPA = Spot Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (Lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EAR051921
Report to:	Becky Sundilson	Proj. Name:	Glow
Email:	BSundilson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd	PO #:	
	Suite 200 Orange CA	Address:	1375 Magnolia Ave.
Phone:	(714) 321-8626	Global ID:	
Fax:		Sampled By:	LML

Analysis Request: 8082-PCBs - Soxhlet

Test Instructions / Comments: 48hr TAT if possible otherwise 72hr. See Dan or Patty

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1	S-1-1	10/04/21	0840	S	1/4oz	—
2	S-1-3	10/04/21	0909	S	1/4oz	—
3	S-1-5	10/04/21	0930	S	1/4oz	—
4	S-2-1	10/04/21	1010	S	1/4oz	—
5	S-2-3	10/04/21	1015	S	1/4oz	—
6	S-2-5	10/04/21	1030	S	1/4oz	—
7	S-3-1	10/04/21	1058	S	1/4oz	—
8	S-3-3	10/04/21	1108	S	1/4oz	—
9	S-3-5	10/04/21	1132	S	1/4oz	—
10						

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	L Langer	Lindsay Langer	Earthcon / Staff Scientist	10/4/21 1545
1 Received By:		for Dan		10/4/21 1545
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

G.Y / I 4

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 47/402

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	X
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

531 W Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water Sw = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #	ERP051921
Report To:	Becky Sundilson	Proj. Name:	Claw
E-mail:	BSundilson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd	P.O. #:	
	Suite 200 Orange, CA	Address:	1375 Magnolia Ave,
Phone:	(714) 321-8020	Global ID:	
Fax:		Sampled By:	LML

Analysis Request: 8082 PCBs Soxhlet

Test Instructions / Comments: 48hr TAT if possible otherwise 7anour see Dan or Patty

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1	S-4-1	10/04/21	1204	S	1 1402	—
2	S-4-3	10/04/21	1220	S	1 1402	—
3	S-4-5	10/04/21	1230	S	1 1402	—
4	S-5-1	10/04/21	1301	S	1 1402	—
5	S-6-1	10/04/21	1350	S	1 1402	—
6	S-6-3	10/04/21	1400	S	1 1402	—
7	S-6-5	10/04/21	1418	S	1 1402	—
8						
9						
10						

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Lindsey Langer	Earthcon/Staff Scientist	10/4/21 1945
1 Received By:		Fedex		10/4/21 1545
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: EARTH CON CONSULTANTS Project: CLOSE

Date Received: 10/4/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 3) Sample Temp (°C) the Cooler: 5

Sample Temp (°C), One from each cooler: #1: 5 V #2: #3: #4:

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information:

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other

Cooler Temp (°C): #1: 1.9 #2: #3: #4:

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: Date/Time:

☐ Email (email sent to/on): /

Project Manager's response.

Completed By: Date: 10/4/21

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Analysis Results for 451402

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 451402
Project No: CLOW
Location: Clow - 1375 Magnolia Ave
Date Received: 10/04/21

Sample ID: S-1-1 **Lab ID: 451402-001** **Collected: 10/04/21 08:40**
Matrix: Soil

451402-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	2,500	25	275139	10/04/21	10/07/21	MTS
Aroclor-1221	ND		ug/Kg	1,200	25	275139	10/04/21	10/07/21	MTS
Aroclor-1232	ND		ug/Kg	1,200	25	275139	10/04/21	10/07/21	MTS
Aroclor-1242	ND		ug/Kg	1,200	25	275139	10/04/21	10/07/21	MTS
Aroclor-1248	**36,000**		ug/Kg	9,900	200	275139	10/04/21	10/11/21	TRN
Aroclor-1254	**18,000**		ug/Kg	9,900	200	275139	10/04/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	1,200	25	275139	10/04/21	10/07/21	MTS
Aroclor-1262	ND		ug/Kg	1,200	25	275139	10/04/21	10/07/21	MTS
Aroclor-1268	ND		ug/Kg	1,200	25	275139	10/04/21	10/07/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	171%	*	%REC	19-121	25	275139	10/04/21	10/07/21	MTS

Sample ID: S-1-3 **Lab ID: 451402-002** **Collected: 10/04/21 09:09**
Matrix: Soil

451402-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	500	5	275139	10/04/21	10/07/21	MTS
Aroclor-1221	ND		ug/Kg	250	5	275139	10/04/21	10/07/21	MTS
Aroclor-1232	ND		ug/Kg	250	5	275139	10/04/21	10/07/21	MTS
Aroclor-1242	ND		ug/Kg	250	5	275139	10/04/21	10/07/21	MTS
Aroclor-1248	**1,800**		ug/Kg	500	10	275139	10/04/21	10/11/21	TRN
Aroclor-1254	**1,500**		ug/Kg	500	10	275139	10/04/21	10/08/21	TRN
Aroclor-1260	**2,400**		ug/Kg	250	5	275139	10/04/21	10/07/21	MTS
Aroclor-1262	ND		ug/Kg	250	5	275139	10/04/21	10/07/21	MTS
Aroclor-1268	ND		ug/Kg	250	5	275139	10/04/21	10/07/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	107%		%REC	19-121	5	275139	10/04/21	10/07/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451402

Sample ID: S-1-5	Lab ID: 451402-003	Collected: 10/04/21 09:30
	Matrix: Soil	

451402-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	5,000	50	275139	10/04/21	10/07/21	MTS
Aroclor-1221	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1232	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1242	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1248	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1254	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1260	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1262	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Aroclor-1268	ND		ug/Kg	2,500	50	275139	10/04/21	10/07/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	206%	*	%REC	19-121	50	275139	10/04/21	10/07/21	MTS

Sample ID: S-2-1	Lab ID: 451402-004	Collected: 10/04/21 10:10
	Matrix: Soil	

451402-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	4,900	49	275139	10/04/21	10/07/21	MTS
Aroclor-1221	ND		ug/Kg	2,500	49	275139	10/04/21	10/07/21	MTS
Aroclor-1232	ND		ug/Kg	2,500	49	275139	10/04/21	10/07/21	MTS
Aroclor-1242	ND		ug/Kg	2,500	49	275139	10/04/21	10/07/21	MTS
Aroclor-1248	**21,000**		ug/Kg	4,900	98	275139	10/04/21	10/11/21	TRN
Aroclor-1254	**14,000**		ug/Kg	4,900	98	275139	10/04/21	10/08/21	TRN
Aroclor-1260	**6,100**		ug/Kg	4,900	98	275139	10/04/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	2,500	49	275139	10/04/21	10/07/21	MTS
Aroclor-1268	ND		ug/Kg	2,500	49	275139	10/04/21	10/07/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	287%	*	%REC	19-121	49	275139	10/04/21	10/07/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451402

Sample ID: S-2-3	Lab ID: 451402-005	Collected: 10/04/21 10:15
	Matrix: Soil	

451402-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	5,000	50	275139	10/04/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1248	**20,000**		ug/Kg	5,000	100	275139	10/04/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1260	**3,600**		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	123%	*	%REC	19-121	50	275139	10/04/21	10/08/21	TRN

Sample ID: S-2-5	Lab ID: 451402-006	Collected: 10/04/21 10:30
	Matrix: Soil	

451402-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	5,000	50	275139	10/04/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1248	**19,000**		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1260	**3,800**		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	2,500	50	275139	10/04/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	94%		%REC	19-121	50	275139	10/04/21	10/11/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451402

Sample ID: S-3-1	Lab ID: 451402-007	Collected: 10/04/21 10:58
	Matrix: Soil	

451402-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	5,000	50	275139	10/04/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	133%	*	%REC	19-121	50	275139	10/04/21	10/08/21	TRN

Sample ID: S-3-3	Lab ID: 451402-008	Collected: 10/04/21 11:08
	Matrix: Soil	

451402-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	5,000	50	275139	10/04/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	2,500	50	275139	10/04/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	92%		%REC	19-121	50	275139	10/04/21	10/08/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451402

Sample ID: S-3-5	Lab ID: 451402-009	Collected: 10/04/21 11:32
	Matrix: Soil	

451402-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	98	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	77%		%REC	19-121	0.98	275243	10/05/21	10/08/21	TRN

Sample ID: S-4-1	Lab ID: 451402-010	Collected: 10/04/21 12:04
	Matrix: Soil	

451402-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1260	**150**		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	98	2	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	98%		%REC	19-121	2	275243	10/05/21	10/08/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451402

Sample ID: S-4-3	Lab ID: 451402-011	Collected: 10/04/21 12:20
	Matrix: Soil	

451402-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	98	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	70%		%REC	19-121	0.98	275243	10/05/21	10/08/21	TRN

Sample ID: S-4-5	Lab ID: 451402-012	Collected: 10/04/21 12:36
	Matrix: Soil	

451402-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	79%		%REC	19-121	1	275243	10/05/21	10/08/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451402

Sample ID: S-5-1	Lab ID: 451402-013	Collected: 10/04/21 13:01
	Matrix: Soil	

451402-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	98	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	49	0.98	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	77%		%REC	19-121	0.98	275243	10/05/21	10/08/21	TRN

Sample ID: S-6-1	Lab ID: 451402-014	Collected: 10/04/21 13:56
	Matrix: Soil	

451402-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	51	1	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	60%		%REC	19-121	1	275243	10/05/21	10/08/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451402

Sample ID: S-6-3	Lab ID: 451402-015	Collected: 10/04/21 14:06
	Matrix: Soil	

451402-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	82%		%REC	19-121	1	275243	10/05/21	10/08/21	TRN

Sample ID: S-6-5	Lab ID: 451402-016	Collected: 10/04/21 14:18
	Matrix: Soil	

451402-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275243	10/05/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275243	10/05/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	78%		%REC	19-121	1	275243	10/05/21	10/08/21	TRN

* Value is outside QC limits
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC947255**	**Batch: 275139**
Matrix: Miscell.	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947255 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	99	10/04/21	10/04/21
Aroclor-1221	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1232	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1242	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1248	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1254	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1260	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1262	ND		ug/Kg	50	10/04/21	10/04/21
Aroclor-1268	ND		ug/Kg	50	10/04/21	10/04/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	102%		%REC	19-121	10/04/21	10/04/21

Type: Lab Control Sample	**Lab ID: QC947256**	**Batch: 275139**
Matrix: Miscell.	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947256 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	441.8	505.1	ug/Kg	87%		14-150
Aroclor-1260	433.0	505.1	ug/Kg	86%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	49.91	50.51	ug/Kg	99%		19-121

Type: Lab Control Sample Duplicate	**Lab ID: QC947257**	**Batch: 275139**
Matrix: Miscell.	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947257 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Aroclor-1016	466.0	495.0	ug/Kg	94%		14-150	7	20
Aroclor-1260	455.3	495.0	ug/Kg	92%		10-150	7	20
Surrogates								
Decachlorobiphenyl (PCB)	51.28	49.50	ug/Kg	104%		19-121		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC947565**	**Batch: 275243**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947565 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	99	10/05/21	10/08/21
Aroclor-1221	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1232	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1242	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1248	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1254	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1260	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1262	ND		ug/Kg	50	10/05/21	10/08/21
Aroclor-1268	ND		ug/Kg	50	10/05/21	10/08/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	76%		%REC	19-121	10/05/21	10/08/21

Type: Lab Control Sample	**Lab ID: QC947566**	**Batch: 275243**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947566 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	320.8	495.0	ug/Kg	65%		14-150
Aroclor-1260	330.2	495.0	ug/Kg	67%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	36.37	49.50	ug/Kg	73%		19-121

Type: Lab Control Sample Duplicate	**Lab ID: QC947567**	**Batch: 275243**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947567 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Aroclor-1016	319.7	495.0	ug/Kg	65%		14-150	0	20
Aroclor-1260	335.5	495.0	ug/Kg	68%		10-150	2	20
Surrogates								
Decachlorobiphenyl (PCB)	38.28	49.50	ug/Kg	77%		19-121		

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 451564
Report Level: II
Report Date: 10/12/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - CLOW - EAR051921

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	451564
Project No:	CLOW
Location:	CLOW - EAR051921
Date Received:	10/06/21

Sample ID	Lab ID	Collected	Matrix
S-7-1	451564-001	10/05/21 07:40	Soil
S-8-1	451564-002	10/05/21 08:12	Soil
S-8-3	451564-003	10/05/21 08:23	Soil
S-8-5	451564-004	10/05/21 09:25	Soil
S-9-1	451564-005	10/05/21 09:53	Soil
S-9-3	451564-006	10/05/21 10:16	Soil
S-9-5	451564-007	10/05/21 10:42	Soil
S-10-1	451564-008	10/05/21 11:28	Soil
S-11-1	451564-009	10/05/21 14:30	Soil
S-11-3	451564-010	10/05/21 14:30	Soil
S-11-5	451564-011	10/05/21 14:52	Soil
S-12-1	451564-012	10/05/21 15:20	Soil
S-12-3	451564-013	10/05/21 15:35	Soil
S-12-5	451564-014	10/05/21 16:12	Soil

Case Narrative

EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868
Becky Sundilson

Lab Job Number: 451564
Project No: CLOW
Location: CLOW - EAR051921
Date Received: 10/06/21

This data package contains sample and QC results for fourteen soil samples, requested for the above referenced project on 10/06/21. The samples were received cold and intact.

PCBs (EPA 8082):

S-12-1 (lab # 451564-012) was diluted due to the color of the sample extract. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 451569

Page 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	X
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air, SS = Soil/Solid, W = Water, DW = Drinking Water, SD = Sediment, PP = Pure Product, SEA = Sea Water, SW = Swab, T = Tissue, WP = Wipe, O = Other

Preservatives: $Na_2S_2O_3$ / = HCl, 3 = HNO_3, 4 = H_2SO_4, 5 = NaOH, 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Partincon Consultants	Quote #:	EAR051921
Report To:	Becky Sundilson	Proj. Name:	Diaw
Email:	BSundilson@partincon.com	Proj. #:	
Address:	1100 Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address:	1375 Magnolia Ave
Phone:	(714) 321-8686	Global ID:	
Fax:		Sampled By:	WL

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 GRO - Soxhlet	Test Instructions / Comments
1	S-7-1	10/05/21	0740	S	1/40z	—	X	48hr TAT if possible otherwise 7dhr. See Dan or Patty
2	S-8-1	10/05/21	0810	S	1/40z	—	X	
3	S-8-3	10/05/21	0823	S	1/40z	—	X	
4	S-8-5	10/05/21	0925	S	1/40z	—	X	
5	S-9-1	10/05/21	0953	S	1/40z	—	X	
6	S-9-3	10/05/21	1010	S	1/40z	—	X	
7	S-9-5	10/05/21	1042	S	1/40z	—	X	
8	S-10-1	10/05/21	1108	S	1/40z	—	X	
9	S-11-1	10/05/21	1313	S	1/40z	—	X	
10	S-11-1	10/05/21	1430	S	1/40z	—	X	

	Signature	Print Name	Company / Title	Date / Time
Relinquished By:		Lindsey Langer	Partincon Staff Scientist	10/06/21 1416
Received By:		E.A.	E.A.	10/06/21 14:16
2 Relinquished By:				
2 Received By:				
1 Relinquished By:				
1 Received By:				

EA 2.9

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 45/1564

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	
2 Day:	X	1 Day:		Custom TAT:	X

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (Lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EAR091921
Report To	Becky Sundtson	Proj. Name:	Chow
Email:	bSundtson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address	1315 Magnolia Ave
Phone:	(714) 321-8616	Global ID:	
Fax:		Sampled By:	UML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 - PCBs Soil/Oil	Test Instructions / Comments
1	S-11-3	10/05/21	1430	S	1 / 4oz	—	X	48hr TAT if possible otherwise 72hr. See Dan or Patty
2	S-11-5	10/05/21	1452	S	1 / 4oz	—	X	
3	S-12-1	10/05/21	1520	S	1 / 4oz	—	X	
4	S-12-3	10/05/21	1536	S	1 / 4oz	—	X	
5	S-12-5	10/05/21	1612	S	1 / 4oz	—	X	
6								
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	L Ranger	Lindsey Ranger	Earthcon/Staff Scientist	10/06/21 1416
1 Received By:	Yesenia Ghosta	Geonet Courier	E.A.	10/06/21 14:16
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: Clow

Date Received: 10/06/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 3) Sample Temp (°C, No Cooler):

Sample Temp (°C), One from each cooler: #1: 5.0 #2: #3: #4:

(Acceptance range is 0°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information:

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other

Cooler Temp (°C): #1: 2.9 #2: #3: #4:

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Water seen in Sample jars: 2,8,6,11,12. Time on the jar for sample 10 is 14:40.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal (Initials: Date/Time:) ☑ Email ("e-mail" sent to/on): PAM / 10/6/21

Project Manager's response:

Completed By: Date: 10/06/21

ENTHALPY ANALYTICAL

Analysis Results for 451564

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 451564
Project No: CLOW
Location: CLOW - EAR051921
Date Received: 10/06/21

Sample ID: S-7-1 **Lab ID: 451564-001** **Collected: 10/05/21 07:40**
Matrix: Soil

451564-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	62%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Sample ID: S-8-1 **Lab ID: 451564-002** **Collected: 10/05/21 08:12**
Matrix: Soil

451564-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	67%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451564

Sample ID: S-8-3	Lab ID: 451564-003	Collected: 10/05/21 08:23
	Matrix: Soil	

451564-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	67%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Sample ID: S-8-5	Lab ID: 451564-004	Collected: 10/05/21 09:25
	Matrix: Soil	

451564-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	70%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 451564

Sample ID: S-9-1	Lab ID: 451564-005	Collected: 10/05/21 09:53
	Matrix: Soil	

451564-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	5,000	50	275374	10/07/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1248	**26,000**		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1260	**23,000**		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	2,500	50	275374	10/07/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	93%		%REC	19-121	50	275374	10/07/21	10/11/21	TRN

Sample ID: S-9-3	Lab ID: 451564-006	Collected: 10/05/21 10:16
	Matrix: Soil	

451564-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	**310**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	**370**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	34%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451564

Sample ID: S-9-5	Lab ID: 451564-007	Collected: 10/05/21 10:42
	Matrix: Soil	

451564-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	**83**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	**71**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	64%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Sample ID: S-10-1	Lab ID: 451564-008	Collected: 10/05/21 11:28
	Matrix: Soil	

451564-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	10,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1248	**49,000**		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1260	**16,000**		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	5,000	100	275374	10/07/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	100	275374	10/07/21	10/11/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451564

Sample ID: S-11-1	Lab ID: 451564-009	Collected: 10/05/21 14:30
	Matrix: Soil	

451564-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	20,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1248	**110,000**		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1260	**32,000**		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	10,000	200	275374	10/07/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	200	275374	10/07/21	10/11/21	TRN

Sample ID: S-11-3	Lab ID: 451564-010	Collected: 10/05/21 14:30
	Matrix: Soil	

451564-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	**70**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	66%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451564

Sample ID: S-11-5	Lab ID: 451564-011	Collected: 10/05/21 14:52
	Matrix: Soil	

451564-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	**230**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	**110**		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	58%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Sample ID: S-12-1	Lab ID: 451564-012	Collected: 10/05/21 15:20
	Matrix: Soil	

451564-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275374	10/07/21	10/08/21	TRN
Aroclor-1221	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1232	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1242	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1248	**300**		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1254	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1260	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1262	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Aroclor-1268	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	70%		%REC	19-121	2	275374	10/07/21	10/08/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451564

Sample ID: S-12-3	Lab ID: 451564-013	Collected: 10/05/21 15:35
	Matrix: Soil	

451564-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	64%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Sample ID: S-12-5	Lab ID: 451564-014	Collected: 10/05/21 16:12
	Matrix: Soil	

451564-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	66%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

DO Diluted Out
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC947944**	**Batch: 275374**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947944 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/07/21	10/08/21
Aroclor-1221	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1232	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1242	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1248	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1254	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1260	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1262	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1268	ND		ug/Kg	50	10/07/21	10/08/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	68%		%REC	19-121	10/07/21	10/08/21

Type: Matrix Spike	**Lab ID: QC947945**	**Batch: 275374**
Matrix (Source ID): Soil (451564-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947945 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	312.4	ND	500.0	ug/Kg	62%		42-127	1
Aroclor-1260	338.7	ND	500.0	ug/Kg	68%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	37.23		50.00	ug/Kg	74%		19-121	1

Type: Matrix Spike Duplicate	**Lab ID: QC947946**	**Batch: 275374**
Matrix (Source ID): Soil (451564-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947946 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	324.3	ND	500.0	ug/Kg	65%		42-127	4	30	1
Aroclor-1260	313.9	ND	500.0	ug/Kg	63%		38-130	8	30	1
Surrogates										
Decachlorobiphenyl (PCB)	33.03		50.00	ug/Kg	66%		19-121			1

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC947947**	**Batch: 275374**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947947 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	301.3	500.0	ug/Kg	60%		14-150
Aroclor-1260	300.4	500.0	ug/Kg	60%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	32.45	50.00	ug/Kg	65%		19-121

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 451567
Report Level: II
Report Date: 10/12/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - CLOW - EAR051921

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	451567
Project No:	CLOW
Location:	CLOW - EAR051921
Date Received:	10/06/21

Sample ID	Lab ID	Collected	Matrix
S-13-1	451567-001	10/06/21 08:40	Soil
S-14-1	451567-002	10/06/21 09:41	Soil
S-15-1	451567-003	10/06/21 10:17	Soil
S-15-3	451567-004	10/06/21 10:37	Soil
S-16-1	451567-005	10/06/21 12:20	Soil
S-16-3	451567-006	10/06/21 13:03	Soil

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 451567 Project No: CLOW Location: CLOW - EAR051921 Date Received: 10/06/21

This data package contains sample and QC results for six soil samples, requested for the above referenced project on 10/06/21. The samples were received cold and intact.

PCBs (EPA 8082):

A number of samples were diluted due to the dark color of the sample extracts. No other analytical problems were encountered.

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Chain of Custody Record — Lab No: 451567 — Page: 1 of

Turn Around Time (rush by advanced notice only)

Standard:		5 Day		3 Day:	X
2 Day:	X	1 Day:		Custom TA:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = K_2CO_3 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EAR051921
Report To:	Becky Sundilson	Proj. Name:	Clow
E-mail:	Bsundilson@earthcon	Proj. #:	
Address:	1180 Town and country Rd	P.O. #:	
	Suite 200 orange, CA	Address:	1375 Magnolia Ave
Phone:	(714) 321-8626	Global ID:	
Fax:		Sampler:	WL

Analysis Request: 8260 - VOCs Soxhlet

Test Instructions / Comments: 48hr TAT if possible otherwise 72hr. See Dan or Patty

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis
1	S-13-1	10/06/21	0840	S	1 / 4oz	—	X
2	S-14-1	10/06/21	0941	S	1 / 4oz	—	X
3	S-15-1	10/06/21	1017	S	1 / 4oz	—	X
4	S-15-3	10/06/21	1037	S	1 / 4oz	—	X
5	S-16-1	10/06/21	1220	S	1 / 4oz	—	X
6	S-16-3	10/06/21	1303	S	1 / 4oz	—	X
7							
8							
9							
10							

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Lindsay Langer	Earthcon/Staff Scientist	10/06/21 1410
1 Received By:	Green Sylvestri	Green Sylvestri	EA	10/06/21 14:16
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

5.9/2.4

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: CLOW

Date Received: 10/6/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip to section 3) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.9 #2: _____ #3: _____ #4: _____

Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is > 0°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 3.4 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓	✓	
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Sample 004 had water in it.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time: _____

☑ Email (email sent to/on): EAM / 10/6/21

Project Manager's response:

Completed By: Yolanda Sylvestre Date: 10/6/21

ENTHALPY ANALYTICAL

Analysis Results for 451567

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 451567
Project No: CLOW
Location: CLOW - EAR051921
Date Received: 10/06/21

Sample ID: S-13-1 **Lab ID: 451567-001** **Collected: 10/06/21 08:40**
Matrix: Soil

451567-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	500	5	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	250	5	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	60%		%REC	19-121	5	275374	10/07/21	10/08/21	TJW

Sample ID: S-14-1 **Lab ID: 451567-002** **Collected: 10/06/21 09:41**
Matrix: Soil

451567-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	57%		%REC	19-121	2	275374	10/07/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451567

Sample ID: S-15-1 **Lab ID: 451567-003** **Collected: 10/06/21 10:17**
Matrix: Soil

451567-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	100	2	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	69%		%REC	19-121	2	275374	10/07/21	10/08/21	TJW

Sample ID: S-15-3 **Lab ID: 451567-004** **Collected: 10/06/21 10:37**
Matrix: Soil

451567-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	67%		%REC	19-121	1	275374	10/07/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451567

Sample ID: S-16-1	Lab ID: 451567-005	Collected: 10/06/21 12:20
	Matrix: Soil	

451567-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	500	5	275374	10/07/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1248	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1260	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	250	5	275374	10/07/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	91%		%REC	19-121	5	275374	10/07/21	10/11/21	TRN

Sample ID: S-16-3	Lab ID: 451567-006	Collected: 10/06/21 13:03
	Matrix: Soil	

451567-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275374	10/07/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275374	10/07/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	48%		%REC	19-121	1	275374	10/07/21	10/11/21	TRN

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC947944**	**Batch: 275374**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947944 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/07/21	10/08/21
Aroclor-1221	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1232	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1242	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1248	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1254	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1260	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1262	ND		ug/Kg	50	10/07/21	10/08/21
Aroclor-1268	ND		ug/Kg	50	10/07/21	10/08/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	68%		%REC	19-121	10/07/21	10/08/21

Type: Matrix Spike	**Lab ID: QC947945**	**Batch: 275374**
Matrix (Source ID): Soil (451564-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947945 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	312.4	ND	500.0	ug/Kg	62%		42-127	1
Aroclor-1260	338.7	ND	500.0	ug/Kg	68%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	37.23		50.00	ug/Kg	74%		19-121	1

Type: Matrix Spike Duplicate	**Lab ID: QC947946**	**Batch: 275374**
Matrix (Source ID): Soil (451564-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947946 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	324.3	ND	500.0	ug/Kg	65%		42-127	4	30	1
Aroclor-1260	313.9	ND	500.0	ug/Kg	63%		38-130	8	30	1
Surrogates										
Decachlorobiphenyl (PCB)	33.03		50.00	ug/Kg	66%		19-121			1

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC947947**	**Batch: 275374**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC947947 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	301.3	500.0	ug/Kg	60%		14-150
Aroclor-1260	300.4	500.0	ug/Kg	60%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	32.45	50.00	ug/Kg	65%		19-121

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 451659
Report Level: II
Report Date: 10/12/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - Clow - 1375 Magnolia Ave

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	451659
Project No:	CLOW
Location:	Clow - 1375 Magnolia Ave
Date Received:	10/07/21

Sample ID	Lab ID	Collected	Matrix
S-17-1	451659-001	10/07/21 07:55	Soil
S-17-3	451659-002	10/07/21 08:17	Soil
S-18-1	451659-003	10/07/21 08:52	Soil
S-18-3	451659-004	10/07/21 09:04	Soil
S-18-5	451659-005	10/07/21 09:10	Soil
S-19-1	451659-006	10/07/21 09:30	Soil
S-19-3	451659-007	10/07/21 09:42	Soil
S-20-1	451659-008	10/07/21 10:28	Soil
S-20-3	451659-009	10/07/21 10:38	Soil
S-21-1	451659-010	10/07/21 11:28	Soil
S-21-3	451659-011	10/07/21 11:47	Soil
S-22-1	451659-012	10/07/21 13:27	Soil
S-22-3	451659-013	10/07/21 13:57	Soil
S-22-5	451659-014	10/07/21 14:38	Soil

ENTHALPY ANALYTICAL

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 451659 Project No: CLOW Location: Clow - 1375 Magnolia Ave Date Received: 10/07/21

This data package contains sample and QC results for fourteen soil samples, requested for the above referenced project on 10/07/21. The samples were received cold and intact.

PCBs (EPA 8082):

Low internal standard responses were observed for 1-bromo-2-nitrobenzene (PCB) in S-19-1 (lab # 451659-006) and S-21-3 (lab # 451659-011); affected data was qualified with "b". High internal standard responses were observed for 1-bromo-2-nitrobenzene (1248) in S-20-3 (lab # 451659-009) and S-22-1 (lab # 451659-012); the affected analyte was not detected at or above the RL in the associated samples, and affected data was qualified with "b". Response exceeding the instrument's linear range was observed for decachlorobiphenyl (PCB surrogate) in S-21-3 (lab # 451659-011); affected data was qualified with "E". High surrogate recoveries were observed for decachlorobiphenyl (PCB surrogate) in S-19-1 (lab # 451659-006) and S-21-3 (lab # 451659-011); no target analytes were detected in these samples. S-17-1 (lab # 451659-001) was diluted due to the dark color of the sample extract. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 451659

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	X
2 Day:	X	1 Day:		0 Hour TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: N = HNO_3, T = HCl, S = H_2SO_4, S = NaOH, E = Other

Sample Receipt Temp.: 3C/0F (4 Deg C only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EAP-051921
Report To:	Becky Sundilson	Proj. Name:	Olow
Email:	BSundilson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd	P.O. #:	
	Suite 200 orange, CA	Address:	1375 Magnolia Ave
Phone:	(714) 321-8620	Global ID:	
Fax:		Sampled By:	WL

Analysis Request: 8082A PCBs - Soxhlet

Test Instructions / Comments: 48hr TAT if possible otherwise 72hr. See Dan or Patty

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	8082A PCBs - Soxhlet
1	S-17-1	10/07/21	0755	S	1 | 4oz	—	X
2	S-17-3	10/07/21	0817	S	1 | 4oz	—	X
3	S-18-1	10/07/21	0832	S	1 | 4oz	—	X
4	S-18-3	10/07/21	0904	S	1 | 4oz	—	X
5	S-18-6	10/07/21	0910	S	1 | 4oz	—	X
6	S-19-1	10/07/21	0930	S	1 | 4oz	—	X
7	S-19-3	10/07/21	0940	S	1 | 4oz	—	X
8	S-20-1	10/07/21	1028	S	1 | 4oz	—	X
9	S-20-3	10/07/21	1038	S	1 | 4oz	—	X
10	S-21-1	10/07/21	1128	S	1 | 4oz	—	X

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Lindsey Langer	Earthcon/Staff Scientist	1950 10/7/21
1 Received By:		Chris	Earthcon/Courier	1510 10/8/21
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab #:

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	X
7 Day	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:

(Lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EARC5121
Report To:	Becky Sundtson	Proj. Name:	Glow
Ems :	BSundtson@earthcon.com	P.O. #:	
Address:	100 Town and Country Suite 200 Orange, CA	Address	375 Magnolia Ave
Phone	(714) 381-8676	Global ID:	
Fax		Sampled By:	UML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082A PCBs - Soxhlet	Test Instructions / Comments
1	S-A1-3	10/07/21	1147	S	1 | 4oz	—	X	48hr TAT if possible. Otherwise 72 hr TAT. See Pan or Patty
2	S-A2-1	10/07/21	1327	S	1 | 4oz	—	X	
3	S-A2-3	10/07/21	1357	S	1 | 4oz	—	X	
4	S-A2-5	10/07/21	1438	S	1 | 4oz	—	X	
5								
6								
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Langer	Lindsey Langer	Earthcon / Staff Scientist	10/12/21 1550
1 Received By:		Glow	KA / Tech	10/12/21 1550
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
4 Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Ennhcon Consultants Project: Clow

Date Received: 10/07/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) [No Cooler]: ____

Sample Temp (°C), One from each cooler: #1: 3.2 #2: ____ #3: ____ #4: ____

(Acceptance range is <6°C but not frozen (for Microbiology samples, acceptance range is <10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: ____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other ____

Cooler Temp (°C): #1: 0.7 #2: ____ #3: ____ #4: ____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-5 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal (Initials: ____ Date/Time: ____ ____) ☐ Email (email sent on/or): ____ / ____

Project Manager's response:

Completed By: [signature] Date: 10/7/21

ENTHALPY ANALYTICAL

Analysis Results for 451659

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 451659
Project No: CLOW
Location: Clow - 1375 Magnolia Ave
Date Received: 10/07/21

Sample ID: S-17-1 **Lab ID: 451659-001** **Collected: 10/07/21 07:55**
Matrix: Soil

451659-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275439	10/08/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	100	2	275439	10/08/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	66%		%REC	19-121	2	275439	10/08/21	10/08/21	TJW

Sample ID: S-17-3 **Lab ID: 451659-002** **Collected: 10/07/21 08:17**
Matrix: Soil

451659-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1248	**69**		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1260	**52**		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	1	275439	10/08/21	10/11/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451659

Sample ID: S-18-1	Lab ID: 451659-003	Collected: 10/07/21 08:52
	Matrix: Soil	

451659-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1248	**180**		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	1	275439	10/08/21	10/11/21	TRN

Sample ID: S-18-3	Lab ID: 451659-004	Collected: 10/07/21 09:04
	Matrix: Soil	

451659-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1248	**61**		ug/Kg	50	1	275439	10/08/21	10/12/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	61%		%REC	19-121	1	275439	10/08/21	10/08/21	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 451659

Sample ID: S-18-5	Lab ID: 451659-005	Collected: 10/07/21 09:10
	Matrix: Soil	

451659-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/08/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/08/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	59%		%REC	19-121	1	275439	10/08/21	10/08/21	TJW

Sample ID: S-19-1	Lab ID: 451659-006	Collected: 10/07/21 09:30
	Matrix: Soil	

451659-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND	b	ug/Kg	100	1	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND	b	ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	124%	*,b	%REC	19-121	1	275439	10/08/21	10/11/21	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451659

Sample ID: S-19-3	Lab ID: 451659-007	Collected: 10/07/21 09:42
	Matrix: Soil	

451659-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	34%		%REC	19-121	1	275439	10/08/21	10/11/21	TJW

Sample ID: S-20-1	Lab ID: 451659-008	Collected: 10/07/21 10:28
	Matrix: Soil	

451659-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	41%		%REC	19-121	1	275439	10/08/21	10/11/21	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451659

Sample ID: S-20-3	Lab ID: 451659-009	Collected: 10/07/21 10:38
	Matrix: Soil	

451659-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND	b	ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	62%		%REC	19-121	1	275439	10/08/21	10/11/21	TJW

Sample ID: S-21-1	Lab ID: 451659-010	Collected: 10/07/21 11:28
	Matrix: Soil	

451659-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	100	2	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	2	275439	10/08/21	10/11/21	TJW

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451659

Sample ID: S-21-3	Lab ID: 451659-011	Collected: 10/07/21 11:47
	Matrix: Soil	

451659-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND	b	ug/Kg	100	1	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND	b	ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	172%	*,E,b	%REC	19-121	1	275439	10/08/21	10/11/21	TJW

Sample ID: S-22-1	Lab ID: 451659-012	Collected: 10/07/21 13:27
	Matrix: Soil	

451659-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1248	ND	b	ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	69%		%REC	19-121	1	275439	10/08/21	10/11/21	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 451659

Sample ID: S-22-3	Lab ID: 451659-013	Collected: 10/07/21 13:57
	Matrix: Soil	

451659-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	67%		%REC	19-121	1	275439	10/08/21	10/11/21	TRN

Sample ID: S-22-5	Lab ID: 451659-014	Collected: 10/07/21 14:38
	Matrix: Soil	

451659-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275439	10/08/21	10/11/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275439	10/08/21	10/11/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	66%		%REC	19-121	1	275439	10/08/21	10/11/21	TRN

* Value is outside QC limits
E Response exceeds instrument's linear range
ND Not Detected
b See narrative

Results for any subcontracted analyses are not included in this section.

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Batch QC

Type: Blank	**Lab ID: QC948150**	**Batch: 275439**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948150 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/08/21	10/08/21
Aroclor-1221	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1232	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1242	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1248	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1254	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1260	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1262	ND		ug/Kg	50	10/08/21	10/08/21
Aroclor-1268	ND		ug/Kg	50	10/08/21	10/08/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	70%		%REC	19-121	10/08/21	10/08/21

Type: Lab Control Sample	**Lab ID: QC948151**	**Batch: 275439**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948151 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	282.2	500.0	ug/Kg	56%		14-150
Aroclor-1260	303.4	500.0	ug/Kg	61%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	30.29	50.00	ug/Kg	61%		19-121

Type: Matrix Spike	**Lab ID: QC948152**	**Batch: 275439**
Matrix (Source ID): Soil (451659-002)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948152 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	438.2	ND	500.0	ug/Kg	88%		42-127	1
Aroclor-1260	523.3	52.39	500.0	ug/Kg	94%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	31.50		50.00	ug/Kg	63%		19-121	1

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC948153**	**Batch:**	**275439**
Matrix (Source ID):	**Soil (451659-002)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC948153 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	452.1	ND	500.0	ug/Kg	90%		42-127	3	30	1
Aroclor-1260	528.1	52.39	500.0	ug/Kg	95%		38-130	1	30	1
Surrogates										
Decachlorobiphenyl (PCB)	31.02		50.00	ug/Kg	62%		19-121			1

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 451711
Report Level: II
Report Date: 10/13/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - CLOW

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	451711
Project No:	CLOW
Location:	CLOW
Date Received:	10/08/21

Sample ID	Lab ID	Collected	Matrix
S-10-3	451711-001	10/08/21 08:25	Soil
S-23-1	451711-002	10/08/21 09:51	Soil
S-23-3	451711-003	10/08/21 10:05	Soil
S-24-1	451711-004	10/08/21 10:50	Soil
S-10-5	451711-005	10/08/21 11:11	Soil

ENTHALPY ANALYTICAL

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 451711 Project No: CLOW Location: CLOW Date Received: 10/08/21

This data package contains sample and QC results for five soil samples, requested for the above referenced project on 10/08/21. The samples were received cold and intact.

PCBs (EPA 8082):

Low recoveries were observed for Aroclor-1260 in the MS/MSD of S-10-3 (lab # 451711-001); the LCS was within limits. High RPD was observed for Aroclor-1016 and Aroclor-1260. S-23-1 (lab # 451711-002), S-23-3 (lab # 451711-003), and S-24-1 (lab # 451711-004) were diluted due to the color of the sample extracts. S-10-5 (lab # 451711-005) was diluted due to the dark color of the sample extract. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 451711

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	X
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714 771 6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SFA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: L = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 5.6 / 5.0 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	E21E-051921
Report To:	Becky Sundblom	Proj. Name:	Chow
Email:	Bsundblom@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd	P.O. #:	
	Suite 200 Orange, CA	Address:	1375 Magnolia Ave
Phone:	(714) 321-8210	Global ID:	
Fax:		Sampled By:	UML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	8082 - PCBs Soxhlet
1	S-10-3	10/08/21	0825	S	1/4oz	—	X
2	S-23-1	10/08/21	0951	S	1/4oz	—	X
3	S-23-3	10/08/21	1005	S	1/4oz	—	X
4	S-24-1	10/08/21	1050	S	1/4oz	—	X
5	S-10-5	10/08/21	1111	S	1/4oz	—	X
6							
7							
8							
9							
10							

Analysis Request

Test Instructions / Comments

48hr if possible otherwise 72hr TAT.
See Dan or Party

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Lindsey Langer	Earthcon/Staff Scientist	10/08/21 1302
1 Received By:			EA	10/8/21 1302
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: Clow

Date Received: 10/8/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (see section 3) Sample Temp (°C) [No Cooler]: _____

Sample Temp (°C), One from each cooler. #1: 5.6 #2: _____ #3: _____ #4: _____

(Acceptance range is 0 to 6°C but not frozen for Microbiology samples, acceptance range is > 0°C but not frozen). If unacceptable for samples collected the same day, client notified to leave at higher temperature or temperature evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other: _____

Cooler Temp (°C): #1: 5.0 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? [Recommended for Microbiology samples]	✔		
Did all samples arrive intact? If no, indicate in Section 4 below	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal Initials _____ Date/Time _____

☐ Email Email sent to/on: _____ / _____

Project Manager's response.

Completed By: _____ Date: 10/8/21

ENTHALPY ANALYTICAL

Analysis Results for 451711

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 451711
Project No: CLOW
Location: CLOW
Date Received: 10/08/21

Sample ID: S-10-3 **Lab ID: 451711-001** **Collected: 10/08/21 08:25**
Matrix: Soil

451711-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275568	10/11/21	10/12/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275568	10/11/21	10/12/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275568	10/11/21	10/12/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275568	10/11/21	10/12/21	TJW
Aroclor-1248	**1,300**		ug/Kg	250	5	275568	10/11/21	10/12/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275568	10/11/21	10/12/21	TJW
Aroclor-1260	**1,500**		ug/Kg	250	5	275568	10/11/21	10/12/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275568	10/11/21	10/12/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275568	10/11/21	10/12/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	59%		%REC	19-121	1	275568	10/11/21	10/12/21	TJW

Sample ID: S-23-1 **Lab ID: 451711-002** **Collected: 10/08/21 09:51**
Matrix: Soil

451711-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275568	10/11/21	10/12/21	TRN
Aroclor-1221	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1232	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1242	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1248	**6,200**		ug/Kg	1,000	20	275568	10/11/21	10/12/21	TRN
Aroclor-1254	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1260	**5,700**		ug/Kg	1,000	20	275568	10/11/21	10/12/21	TRN
Aroclor-1262	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1268	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	45%		%REC	19-121	2	275568	10/11/21	10/12/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451711

Sample ID: S-23-3	Lab ID: 451711-003	Collected: 10/08/21 10:05
	Matrix: Soil	

451711-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275568	10/11/21	10/12/21	TRN
Aroclor-1221	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1232	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1242	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1248	**3,500**		ug/Kg	500	10	275568	10/11/21	10/12/21	TRN
Aroclor-1254	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1260	**3,200**		ug/Kg	500	10	275568	10/11/21	10/12/21	TRN
Aroclor-1262	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Aroclor-1268	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	70%		%REC	19-121	2	275568	10/11/21	10/12/21	TRN

Sample ID: S-24-1	Lab ID: 451711-004	Collected: 10/08/21 10:50
	Matrix: Soil	

451711-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275568	10/11/21	10/12/21	TJW
Aroclor-1221	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1232	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1242	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1248	**400**		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1254	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1260	**310**		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1262	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1268	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	53%		%REC	19-121	2	275568	10/11/21	10/12/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451711

Sample ID: S-10-5	Lab ID: 451711-005	Collected: 10/08/21 11:11
	Matrix: Soil	

451711-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	200	2	275568	10/11/21	10/12/21	TJW
Aroclor-1221	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1232	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1242	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1248	**590**		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1254	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1260	**530**		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1262	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Aroclor-1268	ND		ug/Kg	100	2	275568	10/11/21	10/12/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	73%		%REC	19-121	2	275568	10/11/21	10/12/21	TJW

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC948539**	**Batch: 275568**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948539 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/11/21	10/11/21
Aroclor-1221	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1232	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1242	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1248	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1254	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1260	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1262	ND		ug/Kg	50	10/11/21	10/11/21
Aroclor-1268	ND		ug/Kg	50	10/11/21	10/11/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	39%		%REC	19-121	10/11/21	10/11/21

Type: Matrix Spike	**Lab ID: QC948540**	**Batch: 275568**
Matrix (Source ID): Soil (451711-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948540 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	352.6	ND	500.0	ug/Kg	71%		42-127	1
Aroclor-1260	272.7	1545	500.0	ug/Kg	-254%	*	38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	11.35		50.00	ug/Kg	23%		19-121	1

Type: Matrix Spike Duplicate	**Lab ID: QC948541**	**Batch: 275568**
Matrix (Source ID): Soil (451711-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948541 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	536.2	ND	500.0	ug/Kg	107%		42-127	41*	30	1
Aroclor-1260	1,082	1545	500.0	ug/Kg	-93%	*	38-130	119*	30	1
Surrogates										
Decachlorobiphenyl (PCB)	10.60		50.00	ug/Kg	21%		19-121			1

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID: QC948568**	**Batch: 275568**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC948568 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	359.8	500.0	ug/Kg	72%		14-150
Aroclor-1260	372.6	500.0	ug/Kg	75%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	30.48	50.00	ug/Kg	61%		19-121

* Value is outside QC limits

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 451879
Report Level: II
Report Date: 10/15/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - Corona - Clow

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	451879
Project No:	CLOW
Location:	Corona - Clow
Date Received:	10/12/21

Sample ID	Lab ID	Collected	Matrix
S-25-1	451879-001	10/12/21 08:00	Soil
S-25-3	451879-002	10/12/21 08:08	Soil
S-25-5	451879-003	10/12/21 08:40	Soil
S-26-1	451879-004	10/12/21 09:39	Soil
S-26-3	451879-005	10/12/21 09:51	Soil
S-26-5	451879-006	10/12/21 09:59	Soil
S-27-1	451879-007	10/12/21 10:35	Soil
S-27-3	451879-008	10/12/21 10:50	Soil
S-27-5	451879-009	10/12/21 11:05	Soil
S-27-10	451879-010	10/12/21 12:24	Soil
S-28-1	451879-011	10/12/21 13:10	Soil
S-28-3	451879-012	10/12/21 13:22	Soil
S-28-5	451879-013	10/12/21 13:46	Soil
S-29-1	451879-014	10/12/21 14:26	Soil
S-29-3	451879-015	10/12/21 14:39	Soil
S-29-5	451879-016	10/12/21 15:08	Soil

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 451879 Project No: CLOW Location: Corona - Clow Date Received: 10/12/21

This data package contains sample and QC results for sixteen soil samples, requested for the above referenced project on 10/12/21. The samples were received cold and intact.

PCBs (EPA 8082):

High recoveries were observed for Aroclor-1016 and Aroclor-1260 in the MS/MSD of S-25-1 (lab # 451879-001); the LCS was within limits. High RPD was also observed for Aroclor-1016 and Aroclor-1260. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 451979

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard 2 Day:	X	5 Day:		3 Day:	X
		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714 771 6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water GW = Gwater T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 5.4 / 2.0 (Temp blank)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EA05192
Report To:	Becky Sundtson	Proj. Name:	Corona-Clow
Email:	BSundtson@earthcon.com	Proj. #:	
Address:	1100 W. Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address:	1315 Magnolia Ave
Phone:	(714) 361-8020	Global ID:	
Fax:		Sampled By:	LML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1	S-25-1	10/12/21	0800	S	1 | 4oz	—
2	S-25-3	10/12/21	0808	S	1 | 4oz	—
3	S-25-5	10/12/21	0840	S	1 | 4oz	—
4	S-26-1	10/12/21	0939	S	1 | 4oz	—
5	S-26-3	10/12/21	0955	S	1 | 4oz	—
6	S-26-6	10/12/21	0959	S	1 | 4oz	—
7	S-27-1	10/12/21	1035	S	1 | 4oz	—
8	S-27-3	10/12/21	1050	S	1 | 4oz	—
9	S-27-5	10/12/21	1108	S	1 | 4oz	—
10	S-27-10	10/12/21	1124	S	1 | 4oz	—

Analysis Request: 8082 PCBs - Soxhlet

Test Instructions / Comments: 48hr TAT if possible. If not 72hr TAT. See Dan or Patty. *Possible high levels*

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Lindsey Langer	Lindsey Langer	Earthcon/Staff Scientist	10/12/21 1602
1 Received By:		Elizabeth Ramirez	EA	10/12/21 1621
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 415979

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard		5 Day:		3 Day:	X
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714 771 6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EAR061921
Report To:	Becky Sundilson	Proj. Name:	Corona - Clow
Email	BSundilson@Earthcon.com	Proj. #:	
Address	1400 W. Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address:	1315 Magnolia Ave
Phone:	(714) 321-8070	Global ID	
Fax:		Sampled By:	LML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No / Size	Pres.	8082A-PCBs Soil/Wipe	Test Instructions / Comments
1	S-28-1	10/12/21	1310	S	1/4oz	—	X	48hr TAT if possible if not 72hr TAT
2	S-28-3	10/12/21	1322	S	1/4oz	—	X	see Dan or Patty
3	S-28-5	10/12/21	1340	S	1/4oz	—	X	*possible high levels*
4	S-29-1	10/12/21	1424	S	1/4oz	—	X	
5	S-29-3	10/12/21	1439	S	1/4oz	—	X	
6	S-29-5	10/12/21	1508	S	1/4oz	—	X	
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	L Langer	Lindsey Langer	Earthcon / Staff Scientist	10/12/21 1602
1 Received By:	Erika Zamora	Erika Zamora	SA	10/12/21 16:2
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants — Project: Corona-CLOW

Date Received: 10/12/21 — Sample's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 3) — Sample Temp (°C) (No Cooler): _____

Sample Temp (°C) One from each cooler: #1 5.4 #2 _____ #3: _____ #4: _____

(Note: for chilled (4°C but not frozen) microbiology samples, acceptance range is 2-10°C but not frozen) It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.0 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seal's present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✔		
Did all samples arrive intact? If no, indicate in Section 4 below	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal (Initials: _____ Date/Time: _____) ☐ Email (email sent to/on): _____ / _____

Project Manager's response

Completed By: _____ Date: 10/12/21

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Analysis Results for 451879

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 451879
Project No: CLOW
Location: Corona - Clow
Date Received: 10/12/21

Sample ID: S-25-1 **Lab ID: 451879-001** **Collected: 10/12/21 08:00**
Matrix: Soil

451879-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**4,600**		ug/Kg	1,000	20	275764	10/13/21	10/14/21	MTS
Aroclor-1254	**2,300**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	64%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Sample ID: S-25-3 **Lab ID: 451879-002** **Collected: 10/12/21 08:08**
Matrix: Soil

451879-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**1,300**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1254	**640**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451879

Sample ID: S-25-5	Lab ID: 451879-003	Collected: 10/12/21 08:40
	Matrix: Soil	

451879-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**680**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1254	**290**		ug/Kg	250	5	275764	10/13/21	10/14/21	MTS
Aroclor-1260	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	61%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Sample ID: S-26-1	Lab ID: 451879-004	Collected: 10/12/21 09:39
	Matrix: Soil	

451879-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**670**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1254	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	**5,000**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	96%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451879

Sample ID: S-26-3	Lab ID: 451879-005	Collected: 10/12/21 09:51
	Matrix: Soil	

451879-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275764	10/13/21	10/14/21	MTS
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1248	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1260	**110**		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	81%		%REC	19-121	1	275764	10/13/21	10/14/21	MTS

Sample ID: S-26-5	Lab ID: 451879-006	Collected: 10/12/21 09:59
	Matrix: Soil	

451879-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275764	10/13/21	10/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	1	275764	10/13/21	10/15/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451879

Sample ID: S-27-1	Lab ID: 451879-007	Collected: 10/12/21 10:35
	Matrix: Soil	

451879-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**930**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1254	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	**2,500**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	44%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Sample ID: S-27-3	Lab ID: 451879-008	Collected: 10/12/21 10:50
	Matrix: Soil	

451879-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275764	10/13/21	10/14/21	MTS
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1248	**410**		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1260	**120**		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	47%		%REC	19-121	1	275764	10/13/21	10/14/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451879

Sample ID: S-27-5	Lab ID: 451879-009	Collected: 10/12/21 11:05
	Matrix: Soil	

451879-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275764	10/13/21	10/14/21	MTS
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1248	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1260	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	60%		%REC	19-121	1	275764	10/13/21	10/14/21	MTS

Sample ID: S-27-10	Lab ID: 451879-010	Collected: 10/12/21 12:24
	Matrix: Soil	

451879-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275764	10/13/21	10/15/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/15/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	61%		%REC	19-121	1	275764	10/13/21	10/15/21	TRN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451879

Sample ID: S-28-1	Lab ID: 451879-011	Collected: 10/12/21 13:10
	Matrix: Soil	

451879-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**50,000**		ug/Kg	10,000	200	275764	10/13/21	10/14/21	MTS
Aroclor-1254	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	**12,000**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	61%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Sample ID: S-28-3	Lab ID: 451879-012	Collected: 10/12/21 13:22
	Matrix: Soil	

451879-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**5,900**		ug/Kg	1,000	20	275764	10/13/21	10/15/21	TRN
Aroclor-1254	**2,900**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	46%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 451879

Sample ID: S-28-5	Lab ID: 451879-013	Collected: 10/12/21 13:46
	Matrix: Soil	

451879-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**880**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1254	**540**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	63%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Sample ID: S-29-1	Lab ID: 451879-014	Collected: 10/12/21 14:26
	Matrix: Soil	

451879-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275764	10/13/21	10/13/21	MTS
Aroclor-1221	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1232	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1242	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1248	**630**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1254	**510**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1260	**720**		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1262	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Aroclor-1268	ND		ug/Kg	500	10	275764	10/13/21	10/13/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	10	275764	10/13/21	10/13/21	MTS

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 451879

Sample ID: S-29-3	Lab ID: 451879-015	Collected: 10/12/21 14:39
	Matrix: Soil	

451879-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	**120**		ug/Kg	100	1	275764	10/13/21	10/14/21	MTS
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1248	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1260	**290**		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	1	275764	10/13/21	10/14/21	MTS

Sample ID: S-29-5	Lab ID: 451879-016	Collected: 10/12/21 15:08
	Matrix: Soil	

451879-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275764	10/13/21	10/14/21	MTS
Aroclor-1221	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1232	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1242	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1248	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1254	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1260	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1262	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Aroclor-1268	ND		ug/Kg	50	1	275764	10/13/21	10/14/21	MTS
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	69%		%REC	19-121	1	275764	10/13/21	10/14/21	MTS

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC949092**	**Batch: 275764**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949092 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/13/21	10/13/21
Aroclor-1221	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1232	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1242	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1248	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1254	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1260	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1262	ND		ug/Kg	50	10/13/21	10/13/21
Aroclor-1268	ND		ug/Kg	50	10/13/21	10/13/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	53%		%REC	19-121	10/13/21	10/13/21

Type: Lab Control Sample	**Lab ID: QC949093**	**Batch: 275764**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949093 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	334.2	500.0	ug/Kg	67%		14-150
Aroclor-1260	376.3	500.0	ug/Kg	75%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	26.82	50.00	ug/Kg	54%		19-121

Type: Matrix Spike	**Lab ID: QC949094**	**Batch: 275764**
Matrix (Source ID): Soil (451879-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949094 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	3,947	ND	500.0	ug/Kg	789%	*	42-127	10
Aroclor-1260	1,687	ND	500.0	ug/Kg	337%	*	38-130	10
Surrogates								
Decachlorobiphenyl (PCB)	45.24		50.00	ug/Kg	90%		19-121	10

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC949095**	**Batch:**	**275764**
Matrix (Source ID):	**Soil (451879-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC949095 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	2,693	ND	500.0	ug/Kg	539%	*	42-127	38*	30	10
Aroclor-1260	1,150	ND	500.0	ug/Kg	230%	*	38-130	38*	30	10
Surrogates										
Decachlorobiphenyl (PCB)	40.72		50.00	ug/Kg	81%		19-121			10

* Value is outside QC limits

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 452005
Report Level: II
Report Date: 10/19/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - Corona CLOW

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	452005
Project No:	CLOW
Location:	Corona CLOW
Date Received:	10/14/21

Sample ID	Lab ID	Collected	Matrix
S-30-1	452005-001	10/14/21 08:25	Soil
S-30-3	452005-002	10/14/21 09:10	Soil
S-30-5	452005-003	10/14/21 09:22	Soil
S-30-6	452005-004	10/14/21 09:41	Soil
S-31-1	452005-005	10/14/21 10:29	Soil
S-31-3	452005-006	10/14/21 10:42	Soil
S-31-5	452005-007	10/14/21 10:57	Soil
S-32-1	452005-008	10/14/21 14:15	Soil
S-32-3	452005-009	10/14/21 14:21	Soil
S-32-5	452005-010	10/14/21 14:40	Soil
S-32-7	452005-011	10/14/21 15:00	Soil
S-32-11.8	452005-012	10/14/21 15:22	Soil

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 452005 Project No: CLOW Location: Corona CLOW Date Received: 10/14/21

This data package contains sample and QC results for twelve soil samples, requested for the above referenced project on 10/14/21. The samples were received cold and intact.

PCBs (EPA 8082):

High recoveries were observed for Aroclor-1016 and Aroclor-1260 in the MS/MSD of S-30-6 (lab # 452005-004); the LCS was within limits. No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 452005

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard		5 Day:		3 Day:	X
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: L = $Na_2S_2O_4$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: ____ Celsius

CUSTOMER INFORMATION

Company:	Earthcon Consultants
Report To:	Becky Sundilson
Email:	BSundilson@earthcon.com
Address	1100 Town and Country Rd
	Suite 200 Orange, CA
Phone:	714-321-8024e
Fax:	

PROJECT INFORMATION

Quote #:	EFIE-0514-21
Proj. Name:	Corona-Clow
Proj. #:	
P.O. #:	
Address	1315 Magnolia Ave
Global ID:	
Sampled By:	LML

Analysis Request

8082 PCBs - Soxhlet

Test Instructions / Comments

48hr TAT if possible if not 72hr TAT

See Dan or Patty

Possible high levels

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	8082 PCBs - Soxhlet
1	S-30-1	10/14/21	0906	S	1/40z	—	X
2	S-30-3	10/14/21	0910	S	1/40z	—	X
3	S-30-5	10/14/21	0922	S	1/40z	—	X
4	S-30-6	10/14/21	0941	S	1/40z	—	X
5	S-31-1	10/14/21	1029	S	1/40z	—	X
6	S-31-3	10/14/21	1042	S	1/40z	—	X
7	S-31-5	10/14/21	1057	S	1/40z	—	X
8	S-32-1	10/14/21	1415	S	1/40z	—	X
9	S-32-3	10/14/21	1421	S	1/40z	—	X
10	S-32-5	10/14/21	1440	S	1/40z	—	X

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	L Langer	Lindsey Langer	Earthcon/Staff Scientist	10/14/21 1644
1 Received By:	Grace Silvestri	Grace Silvestri	EA	10/14/21 16:46
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

7.8/2.2

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Chain of Custody Record

Lab No: 452-005

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day		3 Day:	X
2 Day:	X	1 Day		Custom TAT:	

Enthalpy Analytical - Orange

933 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EHC51921
Report To:	Becky Sundillson	Proj. Name:	Corona-Crow
Email:	BSundillson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd	P.O. #:	
	Suite 200 Orange, CA	Address:	1515 Magnolia Ave
Phone	714-321-8126	Global ID	
Fax:		Sampled By:	LMC

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 PCBs-Soxhlet
1	S-32-7	10/14/21	1900	S	1/4oz	—	X
2	S-32-11.5	10/14/21	1902	S	1/4oz	—	X
3							
4							
5							
6							
7							
8							
9							
10							

Test Instructions / Comments:

48hr TAT if possible. If not then 72hr TAT.

See Dan or Patty

possible high levels

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	B Langer	Lindsey Langer	Earthcon / Staff Scientist	10/14/21 1640
1 Received By:	Geeda Silvestri	Geeda Silvestri	E.A.	10/14/21 16:46
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: CLCW

Date Received: 10/14/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip to Section 3) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 7.8 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 7.2 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time: _____ ☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: Elena Sylvester Date: 10/18/21 14:05

ENTHALPY ANALYTICAL

Analysis Results for 452005

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 452005
Project No: CLOW
Location: Corona CLOW
Date Received: 10/14/21

Sample ID: S-30-1 **Lab ID: 452005-001** **Collected: 10/14/21 08:25**
Matrix: Soil

452005-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	10,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**18,000**		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	100	275916	10/15/21	10/18/21	TJW

Sample ID: S-30-3 **Lab ID: 452005-002** **Collected: 10/14/21 09:10**
Matrix: Soil

452005-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	1,000	10	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**2,300**		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	500	10	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	62%		%REC	19-121	10	275916	10/15/21	10/18/21	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 452005

Sample ID: S-30-5	Lab ID: 452005-003	Collected: 10/14/21 09:22
	Matrix: Soil	

452005-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	10,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**31,000**		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	5,000	100	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	100	275916	10/15/21	10/18/21	TJW

Sample ID: S-30-6	Lab ID: 452005-004	Collected: 10/14/21 09:41
	Matrix: Soil	

452005-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	2,500	25	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**7,800**		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	1,300	25	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	68%		%REC	19-121	25	275916	10/15/21	10/18/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452005

Sample ID: S-31-1	Lab ID: 452005-005	Collected: 10/14/21 10:29
	Matrix: Soil	

452005-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**290,000**		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	1000	275916	10/15/21	10/18/21	TJW

Sample ID: S-31-3	Lab ID: 452005-006	Collected: 10/14/21 10:42
	Matrix: Soil	

452005-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**170,000**		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50,000	1000	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	1000	275916	10/15/21	10/18/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452005

Sample ID: S-31-5	Lab ID: 452005-007	Collected: 10/14/21 10:57
	Matrix: Soil	

452005-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	25,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1248	**120,000**		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	13,000	250	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)		DO	%REC	19-121	250	275916	10/15/21	10/18/21	TJW

Sample ID: S-32-1	Lab ID: 452005-008	Collected: 10/14/21 14:15
	Matrix: Soil	

452005-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1260	**550**		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	64%		%REC	19-121	1	275916	10/15/21	10/18/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452005

Sample ID: S-32-3	Lab ID: 452005-009	Collected: 10/14/21 14:21
	Matrix: Soil	

452005-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	43%		%REC	19-121	1	275916	10/15/21	10/18/21	TJW

Sample ID: S-32-5	Lab ID: 452005-010	Collected: 10/14/21 14:40
	Matrix: Soil	

452005-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	66%		%REC	19-121	1	275916	10/15/21	10/18/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452005

Sample ID: S-32-7	Lab ID: 452005-011	Collected: 10/14/21 15:00
	Matrix: Soil	

452005-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	41%		%REC	19-121	1	275916	10/15/21	10/18/21	TJW

Sample ID: S-32-11.8	Lab ID: 452005-012	Collected: 10/14/21 15:22
	Matrix: Soil	

452005-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	275916	10/15/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	275916	10/15/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	44%		%REC	19-121	1	275916	10/15/21	10/18/21	TJW

DO Diluted Out
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC949522**	**Batch: 275916**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949522 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/15/21	10/18/21
Aroclor-1221	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1232	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1242	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1248	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1254	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1260	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1262	ND		ug/Kg	50	10/15/21	10/18/21
Aroclor-1268	ND		ug/Kg	50	10/15/21	10/18/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	52%		%REC	19-121	10/15/21	10/18/21

Type: Lab Control Sample	**Lab ID: QC949523**	**Batch: 275916**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949523 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	308.5	500.0	ug/Kg	62%		14-150
Aroclor-1260	295.7	500.0	ug/Kg	59%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	26.70	50.00	ug/Kg	53%		19-121

Type: Matrix Spike	**Lab ID: QC949524**	**Batch: 275916**
Matrix (Source ID): Soil (452005-004)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949524 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	5,153	ND	500.0	ug/Kg	1031%	*	42-127	25
Aroclor-1260	2,230	ND	500.0	ug/Kg	446%	*	38-130	25
Surrogates								
Decachlorobiphenyl (PCB)	34.55		50.00	ug/Kg	69%		19-121	25

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC949525**	**Batch:**	**275916**
Matrix (Source ID):	**Soil (452005-004)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC949525 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	3,119	ND	500.0	ug/Kg	624%	*	42-127		30	25
Aroclor-1260	1,644	ND	500.0	ug/Kg	329%	*	38-130		30	25
Surrogates										
Decachlorobiphenyl (PCB)	27.00		50.00	ug/Kg	54%		19-121			25

* Value is outside QC limits

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number:	452068
Report Level:	II
Report Date:	10/19/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - Corona-Clow

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	452068
Project No:	CLOW
Location:	Corona-Clow
Date Received:	10/15/21

Sample ID	Lab ID	Collected	Matrix
S-33-1	452068-001	10/15/21 08:42	Soil
S-33-3	452068-002	10/15/21 08:58	Soil
S-2-5.5	452068-003	10/15/21 11:00	Soil

ENTHALPY ANALYTICAL

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 452068 Project No: CLOW Location: Corona-Clow Date Received: 10/15/21

This data package contains sample and QC results for three soil samples, requested for the above referenced project on 10/15/21. The samples were received cold and intact.

PCBs (EPA 8082):

No analytical problems were encountered.

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Chain of Custody Record

Lab No: 21-10050

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard		5 Day:		3 Day	X
2 Day	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714 771 6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HC 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 50/50 (Ice/No Ice)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EA210521
Report To:	Becky Sundtson	Proj. Name:	Corona - Cloud
Email:	BSundtson@earthcon.com	Proj. #:	
Address:	1100 Town and Country Rd Suite 200 Orange, CA	P.O. #:	
		Address:	1375 Magnolia Ave
Phone:	(714) 381-8780	Global ID:	
Fax:		Sampled By:	LML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 PCBs - Soxhlet	Test Instructions / Comments
1	S-33-1	10/5/21	0848	S	1/4oz	—	X	48hr TAT if possible. If not 72hr TAT. See Dan or Patty *Possible high levels*
2	S-33-3	10/5/21	0858	S	1/4oz	—	X	
3	S-8-6.5	10/5/21	1100	S	1/4oz	—	X	
4								
5								
6								
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Lindsey Langer	Lindsey Langer	Earthcon / Staff Scientist	10/5/21 1020
1 Received By	Cary	Cary		10/5/21 1020
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: Corona-Clow

Date Received: 10/15/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.0 #2: _____ #3: _____ #4: _____

(Acceptance range is 0-6°C but not frozen for Microbiology samples. Exception: if temp is <0°C but not frozen, it is acceptable for samples received the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 5.0 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?		✔	
If custody seals are present, were they intact?			✔
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✔		
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time: _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 10/15/21

ENTHALPY ANALYTICAL

Analysis Results for 452068

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 452068
Project No: CLOW
Location: Corona-Clow
Date Received: 10/15/21

Sample ID: S-33-1 **Lab ID: 452068-001** **Collected: 10/15/21 08:42**
Matrix: Soil

452068-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276020	10/18/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1248	**1,400**		ug/Kg	250	5	276020	10/18/21	10/19/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	45%		%REC	19-121	1	276020	10/18/21	10/18/21	TJW

Sample ID: S-33-3 **Lab ID: 452068-002** **Collected: 10/15/21 08:58**
Matrix: Soil

452068-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276020	10/18/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	57%		%REC	19-121	1	276020	10/18/21	10/18/21	TJW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452068

Sample ID: S-2-5.5	Lab ID: 452068-003	Collected: 10/15/21 11:00
	Matrix: Soil	

452068-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276020	10/18/21	10/18/21	TJW
Aroclor-1221	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1232	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1242	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1248	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1254	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1260	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1262	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Aroclor-1268	ND		ug/Kg	50	1	276020	10/18/21	10/18/21	TJW
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	56%		%REC	19-121	1	276020	10/18/21	10/18/21	TJW

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC949849**	**Batch: 276020**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949849 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/18/21	10/18/21
Aroclor-1221	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1232	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1242	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1248	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1254	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1260	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1262	ND		ug/Kg	50	10/18/21	10/18/21
Aroclor-1268	ND		ug/Kg	50	10/18/21	10/18/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	52%		%REC	19-121	10/18/21	10/18/21

Type: Lab Control Sample	**Lab ID: QC949850**	**Batch: 276020**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949850 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	336.8	500.0	ug/Kg	67%		14-150
Aroclor-1260	323.8	500.0	ug/Kg	65%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	28.20	50.00	ug/Kg	56%		19-121

Type: Matrix Spike	**Lab ID: QC949851**	**Batch: 276020**
Matrix (Source ID): Soil (452068-002)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC949851 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	319.5	ND	500.0	ug/Kg	64%		42-127	1
Aroclor-1260	244.5	ND	500.0	ug/Kg	49%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	29.10		50.00	ug/Kg	58%		19-121	1

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC949852**	**Batch:**	**276020**
Matrix (Source ID):	**Soil (452068-002)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC949852 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	264.9	ND	500.0	ug/Kg	53%		42-127	19	30	1
Aroclor-1260	209.1	ND	500.0	ug/Kg	42%		38-130	16	30	1
Surrogates										
Decachlorobiphenyl (PCB)	25.52		50.00	ug/Kg	51%		19-121			1

ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 452232
Report Level: II
Report Date: 10/21/2021

Analytical Report *prepared for:*

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Project: CLOW - Corona- CLOW

Authorized for release by:



Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, CDC ELITE Member

ENTHALPY ANALYTICAL

Sample Summary

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #:	452232
Project No:	CLOW
Location:	Corona- CLOW
Date Received:	10/19/21

Sample ID	Lab ID	Collected	Matrix
S-28-7	452232-001	10/19/21 08:05	Soil
S-10-8	452232-002	10/19/21 09:31	Soil
S-23-5	452232-003	10/19/21 09:50	Soil
S-31-10.5	452232-004	10/19/21 08:36	Soil
S-23-7	452232-005	10/19/21 10:14	Soil
S-24-3	452232-006	10/19/21 10:30	Soil
S-24-5	452232-007	10/19/21 10:36	Soil
S-34-1	452232-008	10/19/21 11:05	Soil
S-34-3	452232-009	10/19/21 11:11	Soil
S-35-1	452232-010	10/19/21 11:20	Soil
S-35-3	452232-011	10/19/21 11:26	Soil
S-36-1	452232-012	10/19/21 11:39	Soil
S-36-3	452232-013	10/19/21 11:46	Soil

Case Narrative

EarthCon Consultants CA, Inc. 1100 W. Town and Country Rd Suite 200 Orange, CA 92868 Becky Sundilson	Lab Job Number: 452232 Project No: CLOW Location: Corona- CLOW Date Received: 10/19/21

This data package contains sample and QC results for thirteen soil samples, requested for the above referenced project on 10/19/21. The samples were received cold and intact.

PCBs (EPA 8082):

No analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 452-232

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:		5 Day:		3 Day:	X
2 Day:	X	1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #	EHK05192
Report To:	Becky Sundilson	Proj. Name:	Corona - Clow
Email:	Bsundilson@earthcon.com		
Address:	1100 Town and Country Rd.		
	Suite 200, Orange, CA	Address:	1375 Magnolia Ave
Phone:	(714) 321-9666	Global ID:	
Fax:		Sampled By:	CM

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082 PCBs - Soxhlet	Test Instructions / Comments
1	S-28-7	10/19/21	0805	S	1 | 4oz	—	X	48hr TAT if possible if not 72hr TAT.
2	S-10-8	10/19/21	0931	S	1 | 4oz	—	X	
3	S-23-5	10/19/21	0950	S	1 | 4oz	—	X	Seg bar or putty
4	S-31-10.5	10/19/21	0830	S	1 | 4oz	—	X	
5	S-23-7	10/19/21	1014	S	1 | 4oz	—	X	* possible high levels *
6	S-24-3	10/19/21	1030	S	1 | 4oz	—	X	
7	S-24-5	10/19/21	1030	S	1 | 4oz	—	X	
8	S-34-1	10/19/21	1105	S	1 | 4oz	—	X	
9	S-34-3	10/19/21	1111	S	1 | 4oz	—	X	
10	S-35-1	10/19/21	1120	S	1 | 4oz	—	X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	L Langer	Lindsey Langer	Earthcon/Staff Scientist	10/19/21 1319
1 Received By:	Courtney Sylvester	Courtney Sylvester	EA	10/19/21 13:19
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

6.9/I-3

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 452232-

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard		5 Day:		3 Day:	
2 Day:	X	1 Day:		Custom TAT:	X

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771 6900

Matrix: A = Air S = Soil/Solid W = Water GW = Groundwater SD = Sediment L = PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = H_2O_2 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:

Lab use only

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Earthcon Consultants	Quote #:	EHE 05121
Report To:	Becky Sundilson	Proj. Name:	Corona - Clow
Email:	BSundilson@earthcon.com	Proj. #:	
Address:	1108 Town and Country Rd. Ste 200 Orange, CA	PO #:	
		Address:	1375 Magnolia AVE
Phone:	(714) 321-8626	Global ID:	
Fax:		Sampled By:	LML

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 8082-PCBs Soxhlet
1	S-35-3	10/19/21	1120	S	1/4oz	—	X
2	S-36-1	10/19/21	1139	S	1/4oz	—	X
3	S-36-3	10/19/21	1140	S	1/4oz	—	X
4							
5							
6							
7							
8							
9							
10							

Test Instructions / Comments:

48hr TAT if possible. If not 72hr TAT.

see Dan or Patty

possible high levels

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	L Langer	Lindsey Langer	Earthcon/Staff Scientist	10/19/21 1319
1 Received By:	Brent Sylvester	Brent Sylvester	EHE	10/19/21 13:19
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Earthcon Consultants Project: Corona - CLOW

Date Received: 10/19/21 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 6.9 #2: _____ #3: _____ #4: _____

(Acceptance range is 0°C to 6°C but not frozen (for Microbiology samples, acceptance range is <10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.3 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 10/19/21

ENTHALPY ANALYTICAL

Analysis Results for 452232

Becky Sundilson
EarthCon Consultants CA, Inc.
1100 W. Town and Country Rd
Suite 200
Orange, CA 92868

Lab Job #: 452232
Project No: CLOW
Location: Corona- CLOW
Date Received: 10/19/21

Sample ID: S-28-7 **Lab ID: 452232-001** **Collected: 10/19/21 08:05**
Matrix: Soil

452232-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	65%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Sample ID: S-10-8 **Lab ID: 452232-002** **Collected: 10/19/21 09:31**
Matrix: Soil

452232-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	66%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452232

Sample ID: S-23-5	Lab ID: 452232-003	Collected: 10/19/21 09:50
	Matrix: Soil	

452232-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	64%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Sample ID: S-31-10.5	Lab ID: 452232-004	Collected: 10/19/21 08:36
	Matrix: Soil	

452232-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	65%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452232

Sample ID: S-23-7	Lab ID: 452232-005	Collected: 10/19/21 10:14
	Matrix: Soil	

452232-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	61%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Sample ID: S-24-3	Lab ID: 452232-006	Collected: 10/19/21 10:30
	Matrix: Soil	

452232-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	72%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452232

Sample ID: S-24-5	Lab ID: 452232-007	Collected: 10/19/21 10:36
	Matrix: Soil	

452232-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	71%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Sample ID: S-34-1	Lab ID: 452232-008	Collected: 10/19/21 11:05
	Matrix: Soil	

452232-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/20/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/20/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	71%		%REC	19-121	1	276180	10/20/21	10/20/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452232

Sample ID: S-34-3	Lab ID: 452232-009	Collected: 10/19/21 11:11
	Matrix: Soil	

452232-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/21/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	53%		%REC	19-121	1	276180	10/20/21	10/21/21	TRN

Sample ID: S-35-1	Lab ID: 452232-010	Collected: 10/19/21 11:20
	Matrix: Soil	

452232-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/21/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	49%		%REC	19-121	1	276180	10/20/21	10/21/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452232

Sample ID: S-35-3	Lab ID: 452232-011	Collected: 10/19/21 11:26
	Matrix: Soil	

452232-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/21/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	37%		%REC	19-121	1	276180	10/20/21	10/21/21	TRN

Sample ID: S-36-1	Lab ID: 452232-012	Collected: 10/19/21 11:39
	Matrix: Soil	

452232-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/21/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	44%		%REC	19-121	1	276180	10/20/21	10/21/21	TRN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 452232

Sample ID: S-36-3	Lab ID: 452232-013	Collected: 10/19/21 11:46
	Matrix: Soil	

452232-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8082 Prep Method: EPA 3541									
Aroclor-1016	ND		ug/Kg	100	1	276180	10/20/21	10/21/21	TRN
Aroclor-1221	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1232	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1242	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1248	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1254	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1260	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1262	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Aroclor-1268	ND		ug/Kg	50	1	276180	10/20/21	10/21/21	TRN
Surrogates				**Limits**					
Decachlorobiphenyl (PCB)	55%		%REC	19-121	1	276180	10/20/21	10/21/21	TRN

ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC950390**	**Batch: 276180**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC950390 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	100	10/20/21	10/20/21
Aroclor-1221	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1232	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1242	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1248	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1254	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1260	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1262	ND		ug/Kg	50	10/20/21	10/20/21
Aroclor-1268	ND		ug/Kg	50	10/20/21	10/20/21
Surrogates				**Limits**		
Decachlorobiphenyl (PCB)	61%		%REC	19-121	10/20/21	10/20/21

Type: Lab Control Sample	**Lab ID: QC950391**	**Batch: 276180**
Matrix: Soil	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC950391 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	345.4	500.0	ug/Kg	69%		14-150
Aroclor-1260	345.2	500.0	ug/Kg	69%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	32.09	50.00	ug/Kg	64%		19-121

Type: Matrix Spike	**Lab ID: QC950392**	**Batch: 276180**
Matrix (Source ID): Soil (452232-001)	**Method: EPA 8082**	**Prep Method: EPA 3541**

QC950392 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	447.6	ND	500.0	ug/Kg	90%		42-127	10
Aroclor-1260	381.8	ND	500.0	ug/Kg	76%		38-130	10
Surrogates								
Decachlorobiphenyl (PCB)	32.74		50.00	ug/Kg	65%		19-121	10

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC950393**	**Batch:**	**276180**
Matrix (Source ID):	**Soil (452232-001)**	**Method:**	**EPA 8082**	**Prep Method:**	**EPA 3541**

QC950393 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	477.0	ND	500.0	ug/Kg	95%		42-127	6	30	10
Aroclor-1260	386.7	ND	500.0	ug/Kg	77%		38-130	1	30	10
Surrogates										
Decachlorobiphenyl (PCB)	34.51		50.00	ug/Kg	69%		19-121			10

ND Not Detected

APPENDIX E

Department of Toxic Substances Control

Jared Blumenfeld
Secretary for
Environmental Protection

Meredith Williams, Ph.D.
Director
5796 Corporate Avenue
Cypress, California 90630

Gavin Newsom
Governor

April 14, 2022

Mr. Mark Willett
General Manager
Clow Valve Company
902 S. 2nd St.
Oskaloosa, IA 52577
Mark.Willett@clowvalve

APPROVAL OF CORRECTIVE MEASURES IMPLEMENTATION REPORT, CLOW VALVE COMPANY, 1375 MAGNOLIA AVENUE, CORONA, CALIFORNIA (SITE CODE: 600876-48)

Dear Mr. Willett:

The Department of Toxic Substances Control (DTSC) reviewed the Final Corrective Measures Implementation Report (Report), dated October 25, 2021, and revised on April 1, 2022. The Report was prepared by Earthcon Consultants for the Clow Valve Company site located at 1375 Magnolia Avenue, Corona, California (Site). Clow Valve is conducting investigation and remediation at the Site under a Corrective Action Consent Agreement (Docket Number SRPD 00/01SCC-4208) with DTSC.

Historic operations at the Site resulted in lead contamination in shallow soil at multiple locations throughout the Site; diesel fuel contamination identified beneath a former fuel tank; and impacts by polychlorinated biphenyls (PCBs) present in the soil beneath an electrical transformer.

Based on the Report, Clow Valve implemented the approved Corrective Measures Implementation Workplan (CMIWP), dated March 26, 2020, between July and October 2021. In addition, Clow Valve excavated all lead-contaminated soil that exceeded the lead hazardous waste criterion of 1,000 milligrams per kilogram (mg/kg) in preparation for the anticipated future Site grading and redevelopment activities.

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The following activities were completed:

1. All debris was removed in Areas of Concern (AOCs) 1 and 5.

2. Pavement was removed from AOC 5 and in the parking lot in the vicinity of soil borings SW2 and SW3 north of Buildings 2A and 2B, and south of the ANACO production plant.

3. Soil with lead concentrations exceeding hazardous waste criteria was excavated and transported under hazardous waste manifests to US Ecology Nevada Inc., a permitted hazardous waste treatment and storage facility.

4. Confirmation soil samples were collected and analyzed for chemicals of concern at the Site. Lead concentrations were reported below the lead hazardous waste criterion.

5. Excavations were backfilled with virgin quarry base material.

6. A concrete cap was constructed on AOC 1 and the adjoining AOC 5 in accordance with the City of Corona approved grading plan to ensure proper drainage and to prevent water accumulation on top of the cap.

7. Paving was restored in the parking lot excavation in the vicinity of soil borings SW2 and SW3 and on September 2, 2021, a slurry seal coat was applied to the cracks and degradation in pavement at AOC-2, AOC-3, AOC-4, and AOC-9 that required repair in accordance with the Corrective Measures Implementation Workplan.

8. Separate from the CMI activities conducted on Site, additional PCB-related soil investigation activities were conducted under the oversight of the U.S.EPA in October and December of 2021. The results of the supplemental investigations with regards to PCB concentrations have been discussed with the U.S. EPA and will be addressed in the revised Risk-Based Approval Application 40 CFR 761.61 (c)(1). The required actions will be accomplished through expansion of the cap to encompass PCB-impacted materials, and targeted excavation of the material identified at boring S-60. The work is expected to take place prior to the summer of 2023 when redevelopment activities are tentatively scheduled.

The Report concluded that Clow Valve had implemented the CMIWP without data gaps. Following completion of the CMIWP, the Site will be redeveloped with one or more industrial tilt-up type building(s). All DTSC comments have been addressed, therefore DTSC hereby approves the Report.

If you have any questions, or would like to schedule a teleconference, please contact our DTSC Project Manager, Ms. Irena Edwards, at irena.edwards@dtsc.ca.gov. You may also contact her Supervisor, Ms. Eileen Mananian at eileen.mananian@dtsc.ca.gov.

Sincerely,



A. Edward Morelan, PG, CEG
Branch Chief
Site Mitigation and Restoration Program

cc: Ms. Sara Ziff, P.E.
U.S. EPA
Ziff.sara@epa.gov

Mr. Larry Bowers
Corporate Environmental Compliance Director
McWane, Inc.
larry.bowers@mcwane.com

Mr. Jeff Bennett, PG
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Mr. Chawn Y. (CY) Jeng, Ph.D.
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Department of Toxic Substances Control

Jared Blumenfeld
Secretary for
Environmental Protection

Meredith Williams, Ph.D.
Acting Director
5796 Corporate Avenue
Cypress, California 90630

Gavin Newsom
Governor

May 16, 2019

Ms. Tiffany Smith
Clow Valve Company
1375 Magnolia Avenue
Corona, California 92879

APPROVAL OF THE CORRECTIVE MEASURES STUDY; CLOW VALVE COMPANY
1375 MAGNOLIA AVENUE, CORONA, CALIFORNIA (SITE CODE: 600876-48)

Dear Ms. Smith:

The Department of Toxic Substances Control (DTSC) circulated the Corrective Measures Study (CMS), dated February 19, 2018, prepared by Earthcon Consultants for the Clow Valve Company, located at 1375 Magnolia Avenue, Corona, California (Site) for public review and comment. The 30-day comment period began on March 1, 2018 and ended on March 30, 2018. During the public comment period, DTSC received two comments for the CMS, and responded to them. The comments did not result in changes to the CMS. Therefore, DTSC hereby approves the CMS as final.

The CMS addresses potential health risks attributed to the historic operations that resulted in lead contamination in shallow soil at multiple locations throughout the Site, diesel fuel contamination identified beneath a former fuel tank, and impacts by polychlorinated bi-phenyls (PCBs) present in the soil beneath an electrical transformer. The CMS summarizes the findings from previous investigations and recommends excavation of PCBs contaminated soil in AOC-7 with off-Site disposal, engineering controls (capping system), and institutional controls to address the Site contamination.

Consistent with Toxic Substances Control Act ("TSCA"), following completion of the public comment period, Clow Valve coordinated PCB contaminated soil remediation with Sara Ziff, P.E., Project Manager, U.S. Environmental Protection Agency (U.S. EPA) Region 9. Based on U.S. EPA letter, dated April 23, 2019, addressed to Mark Willet, Clow Valve, Clow Valve is not required to excavate PCB contaminated soil in AOC-7.

Cap repair and/or construction at AOC-7, AOC-3, and AOC-6 will be conducted under U.S. EPA oversight. Therefore, significant changes to the CMS are not required.

Please provide, within 30-days of the date of this letter, a schedule for the following documents:

1. a CMS implementation workplan for cap design, installation, and schedule for AOC-1 and AOC-5;
2. a schedule to evaluate and repair the existing ground cover in AOC-2, AOC-4, and AOC-9;
3. an operation and maintenance plan;
4. and a site wide soil management plan.

If you have any questions, please contact Project Manager, Irena Edwards, at (714) 484-5385 or e-mail irena.edwards@dtsc.ca.gov or you may e-mail maryam.tasnif-abbasi@dtsc.ca.gov.

Sincerely,

Maryam Tasnif-Abbasi
Unit Chief
Site Mitigation and Restoration Program

cc: Sara Ziff, P.E.
U.S. EPA
ziff.sara@epa.gov

Larry Bowers
Corporate Environmental Compliance Director
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

APR 2 3 2019

Mr. Mark Willett
Vice Principal/General Manager
Clow Valve Company
1375 Magnolia Avenue
Corona, California 92879

Re: USEPA Conditional Approval of PCB Cleanup Plan for Clow Valve Company at 1375 Magnolia Avenue in Corona, California

Dear Mr. Willett:

Thank you for working with the U.S. Environmental Protection Agency, Region 9 ("USEPA") to address the disposal of polychlorinated biphenyls ("PCBs") found at Clow Valve Company ("Clow") located at 1375 Magnolia Avenue in Corona, California (the "Site"). USEPA has received and reviewed the *Risk-Based Approval Application* (the "Application") submitted by EarthCon Consultants CA, Inc. ("EarthCon") on behalf of Clow dated April 9, 2019, which outlines Clow's plan for leaving soils containing PCBs in place, in some cases under existing concrete caps.

The Site houses an active industrial facility that manufactures water pipes, valves, fire hydrants and fittings. The original building dates to the 1950s, with subsequent buildings from the 1960s. There are no plans for Clow to vacate the Site. The Application includes preparation of a land-use covenant ("LUC"), an operations and maintenance plan for the caps, and a soil management plan.

The Application describes disposal of PCB-impacted soils in place at the Site, consistent with Toxic Substances Control Act ("TSCA") standards. There are three areas of concern ("AOCs") to be remediated for PCBs, known as AOC-3, AOC-6, and AOC-7. At AOCs 6 and 7 the soil will be capped under existing concrete with a maximum PCB concentration of 1.1 mg/kg (ppm). The soil concentrations at AOC-3 are well below USEPA's risk-based threshold for industrial workers, and the soils will be left in place without a cap.

AOC-3 is the location of a former water pressure testing area. This AOC has a maximum concentration of PCBs in soils of 5.55 ppm, which is lower than USEPA's risk-based threshold for industrial workers of 15 ppm. USEPA therefore considers it appropriate to leave these soils in place.

AOC-6 is the location of a former asphalt dip tank. The maximum concentration in soils is 48 ppm. The 95% upper confidence limit of the mean is 13 ppm, which is below USEPA's risk-based threshold for industrial workers. There is currently concrete covering the contaminated soil at AOC-6, with a maximum concentration of PCBs in concrete of approximately 1.1 ppm. The concrete at AOC-6 acts as a cap, adding a layer of protection to workers.

AOC-7 is a fenced area currently containing two transformers. The maximum concentration in soils is 2,220 ppm at three feet below ground surface ("bgs"). The source of PCBs at AOC-7 was a leak of PCB oils from a former transformer in 1994, after which contaminated soil and concrete were removed from the surface until the area appeared clean. Groundwater depth on-Site is approximately 40 feet below ground surface ("bgs"),

with perched layers reported near the Site starting at approximately 23 feet bgs. To address a possible groundwater pathway, PCBs were delineated to a depth of 6.5 feet bgs, a depth at which the sampling equipment hit refusal. The result at 6.5 feet bgs was 16 ppm, which is just above USEPA's industrial risk based threshold of 15 ppm. Given that there are no constituents at AOC-7 that could mobilize PCBs into groundwater, USEPA considers the proposed remedy of capping in-place to be appropriate for AOC-7. The highest level in concrete at AOC-7 is 0.133 ppm.

USEPA is approving Clow's Application with conditions pursuant to 40 C.F.R. § 761.61(c) (i.e., risk-based disposal standards of TSCA). Clow shall implement the Application as modified by the conditions listed below:

USEPA Conditions of Approval and Additional Comments:

1. **Deed Restriction:** A land use control in the form of a deed restriction shall be implemented to prohibit residential use. In addition, certain commercial uses defined as "sensitive uses" shall also be prohibited; sensitive uses include (a) a hospital for humans, (b) a public or private school for persons less than 15 years of age, (c) a day care center for children, and (d) any permanently occupied habitation other than those used for industrial purposes. The deed restriction shall also note the areas covered by concrete caps. A figure showing the known PCB levels left in place shall be included with the deed restriction. The deed restriction shall state that if the cap at AOC-6 is removed in the future, then the 48 ppm PCB hot spot shall be removed. The deed restriction shall be recorded within 60 days of submittal of the cleanup completion report.

2. **Operations and Maintenance Plan:** Clow shall submit an operations and maintenance plan to USEPA within 90 days of submittal of the cleanup completion report.

3. **Soil Management Plan:** Clow shall submit a soil management plan to USEPA within 90 days of submittal of the cleanup completion report.

4. **PCB Cleanup Report:** Clow shall submit a PCB cleanup report to USEPA, to include all relevant data and justification demonstrating that the work completed is consistent with this approval. Clow must address at a minimum all the reporting requirements listed in 40 C.F.R. § 761.61(a)(9) and 40 C.F.R. § 761.125(c)(5). Clow shall also include figures, surveys, or GPS coordinates depicting the location and results for all Site characterization samples and any PCBs left under a cap.

5. **Future Proposed Modifications to Cleanup Plan:** Clow shall request any changes to the approved cleanup plan via email to USEPA, and USEPA will provide any response to the request via email.

This approval does not relieve Clow from complying with all other applicable federal, state, and local regulations and permits. Departure from the conditions of the approval without prior written permission from USEPA may result in the commencement of proceedings to revoke this approval and/or an enforcement action. Nothing in this approval bars USEPA from imposing penalties for violations of this approval or for violations of other applicable TSCA PCB requirements or for activities not covered under this approval.

This approval only applies to the Site. USEPA reserves the right to require additional characterization and/or cleanup of PCBs at the Site if new information during additional Site characterization, cleanup verification, and/or during future post cleanup activities (e.g. redevelopment or post redevelopment) at the property shows that PCBs remain at the Site above the PCB cleanup level of 15 ppm total PCBs. In addition, USEPA may require cleanup of areas immediately adjacent to the Site if those areas are found to be impacted by PCBs from the Site.

USEPA appreciates the opportunity to assist Chow with this PCB cleanup. If you have any questions regarding this approval, please contact Sam Ziff at (415) 972-3536 or ziff.sam@epa.gov. Thank you for your cooperation.

Sincerely,

Jeff Scott, Director
Land Division

cc (electronic): Larry Bowers, Chow
Tiffany Smith, Chow
Jeff Bennett, EarthCon
Becky Sundblom, EarthCon
Reita Edwards, DTSC
Mutyumi Tasaki-Ablaza, DTSC

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Britton T. Winterer
Vice President
B9 Magnolia Owner, LLC
Link Logistics Real Estate
90 Park Avenue, 32nd Floor
New York, New York 10016
bwinterer@linklogistics.com

Re: Amendment 1 to TSCA PCB Cleanup Plan for Clow Valve Company, 1375 Magnolia Avenue, Corona, California–CATSCA102301

Dear Mark Willett and Britton Winterer:

Thank you for working with the U.S. Environmental Protection Agency, Region 9 ("USEPA") to address the disposal of polychlorinated biphenyls ("PCBs") found at Clow Valve Company ("Clow") located at 1375 Magnolia Avenue in Corona, California (the "Site"). USEPA has reviewed the *Risk-Based Approval Modification Application 40 CFR 761.61 (c)(1)* ("Amendment 1") dated April 25, 2022 prepared by WSP USA ("WSP") on behalf of Clow and the current owner of the property, B9 Magnolia Owner, LLC ("B9 Magnolia").

The original *Risk-Based Approval Application* (the "Application") dated April 9, 2019 approved leaving soils containing PCBs in place, in some cases under existing concrete caps. A land use covenant for the Site was recorded in November 2021, and there is a soil management plan and operation and maintenance plan addressing maintenance of the caps.

During implementation of the Application workplan, additional PCB-impacted soil was discovered. Amendment 1 proposes to excavate soil from two areas with elevated PCB levels surrounding sample locations AOC7-B1 and S-60, and to cap all remaining locations with total PCB levels above the approved cleanup level of 15 ppm.

Sample locations AOC7-B1 (within the cap area) and S-60 (outside the cap area) have total PCB levels of approximately 2,200 ppm and 37 ppm respectively. Material from these areas will be removed prior to implementation of grading activities, and confirmation sampling will ensure that the cleanup level of 15 ppm has been reached. Excavations will be backfilled in accordance with the 2001 *DTSC Information Advisory Clean Imported Fill Material Fact Sheet*.

The Site is being redeveloped into a warehouse and distribution center following remediation. The cap will consist of a mix of 6-inch concrete, building footprint, and 10-inch compacted soil. The maximum PCB level to be left in place under the cap is 290 ppm. The maximum level to be left uncapped is approximately 3 ppm.

Redevelopment of the Site will require Site-wide grading. Soil from within the capped area will not be moved outside the capped area. This will ensure that soil from the capped area, which has relatively high levels of PCBs, does not contaminate the rest of the Site. Additionally, any soil that is excavated from the capped area and disposed off-site will be disposed as if it has at or above 50 ppm PCBs.

USEPA is approving Amendment 1 with conditions pursuant to 40 C.F.R. § 761.61(c) (i.e., risk-based disposal standards of TSCA). USEPA finds that the methods described in Amendment 1, as modified by the conditions in this approval, will not pose an unreasonable risk of injury to health or the environment. Clow and B9 Magnolia shall implement Amendment 1 as modified by the conditions listed below.

USEPA Conditions of Approval and Additional Comments:

1. **Off-Site Applications:** Initial sample results indicate PCB contamination from the Site has spread to an adjacent property to the east owned by Riverside County. Sample results from near the western fence line of the Site indicate contamination may have spread to a property owned by BSNF Railroad. Clow and B9 Magnolia shall submit an application(s) for the Riverside County and BSNF Railroad properties within one (1) year of the date of this letter, unless USEPA agrees in writing that characterization sampling data for these area(s) indicate an application(s) is not needed under TSCA. Any characterization sampling shall be completed within nine (9) months of the date of this letter.

2. **Soil Management Plan and O&M Plan Amendment:** The existing soil management plan ("SMP") and operation and maintenance plan ("O&M plan") shall be amended to include updated figure(s) showing the known PCB levels left in place and the TSCA cap area(s), address maintenance of concrete and soil caps, and to specify that any soil removed from the footprint of the cap must be disposed as if it has at or above 50 ppm PCBs. The amended SMP and O&M plan shall also state that any changes to land use or modification or removal of the TSCA cap requires notification by the owner and/or occupant to, and additional approval from, USEPA. Updated versions of these documents shall be submitted for USEPA approval within 30 days of submittal of the cleanup completion report.

3. **Land Use Control Amendment:** The applicant shall revise the existing Land Use Covenant ("LUC") with the California Department of Toxic Substances Control ("DTSC") and submit a draft to USEPA for review and approval no later than 90 days after submittal of the cleanup completion report. The revised LUC shall reference Amendment 1, include updated figure(s) showing the known PCB levels left in place and the TSCA cap area(s), require that any soil removed from the footprint of the TSCA cap be disposed as PCB remediation waste disposed as if it has at or above 50 ppm PCBs, and require that any changes to land use or modification or removal of the TSCA cap requires notification by the owner and/or occupant to, and additional approval from, USEPA. The revised LUC shall also document the following: (1) the PCB levels left in place following the work approved in Amendment 1, (2) the updated TSCA cap area, and (3) cap maintenance and soil removal activities that must be performed as required by this approval and as specified in the revised and USEPA-approved soil management plan and O&M plan. The applicant shall record the USEPA-approved revised LUC in accordance with California state law.

4. **Stockpiling of Soil:** Clow and B9 Magnolia shall comply with the provisions of 40 C.F.R. § 761.65(c)(9) if stockpiling soils for off-Site disposal.

5. **Disposal of PCBs:** Clow and B9 Magnolia shall dispose of all PCB waste that it generates during the PCB cleanup in accordance with the TSCA PCB regulations and other applicable federal, state, and local regulations. In determining the disposal method for the waste, Clow and B9 Magnolia must comply with the anti-dilution requirements in 40 C.F.R. § 761.1(b). All bulk PCB remediation waste (i.e., soil) must be

disposed of in accordance with the requirements in 40 C.F.R. § 761.61(a)(5). Clow and B9 Magnolia must select appropriate disposal facilities based on the in-situ PCB concentrations of the waste.

6. **PCB Cleanup Waste Disposal:** Cleanup waste (e.g., personal protective equipment, rags, gloves, booties) shall be disposed of in accordance with 40 C.F.R. § 761.61(a)(5)(v). Disposal of all waste shall be in accordance with all federal, state, and local regulations.

7. **Equipment Decontamination:** Clow and B9 Magnolia shall decontaminate non-disposable sampling tools and equipment, as well as movable equipment used during cleanup and/or additional sampling in accordance with 40 C.F.R. § 761.79(c)(2). Decontamination residues must be disposed of at their original concentrations in accordance with the requirements in 40 C.F.R. § 761.79(g). Recordkeeping of the decontamination events must be maintained in accordance with the requirements in 40 C.F.R. § 761.79(f)(2). These procedures must be implemented in a manner that is protective of human health and the environment consistent with the requirements in 40 C.F.R. § 761.79(e).

8. **PCB Cleanup Report:** Clow and B9 Magnolia shall submit a PCB cleanup report to USEPA, to include all relevant data and justification demonstrating that the work completed is consistent with this approval. Clow and B9 Magnolia must address at a minimum all the reporting requirements set forth at 40 C.F.R. § 761.61(a)(9) and 40 C.F.R. § 761.125(c)(5). Clow and B9 Magnolia shall also include figures, surveys, or GPS coordinates depicting the location and results for all site characterization samples and verification samples.

9. **Procedures to Submit Reports, Documentation, and Correspondence to USEPA:** The cleanup party (i.e., Clow and B9 Magnolia) should follow the below procedures to submit reports and documentation required in this approval to USEPA and to send correspondence to USEPA related to this approval.
    a. The title of the report or the subject line on documentation and correspondence (inclusive of emails) shall include the PCB cleanup site identification number ("PCB SITE ID") assigned by USEPA and the PCB site name ("PCB Site"). Specific to USEPA's approval of the cleanup party's initial application: the PCB SITE ID is CATSCA102301, the PCB Site is CLOW VALVE, and the USEPA project manager is Sara Ziff (ziff.sara@epa.gov).
    b. If no claim of confidentiality accompanies the submitted information, then such information may be made available to the public by USEPA without further notice to you [15 U.S.C. 2613; 82 FR 6522 (January 19, 2017); 40 C.F.R. § 2.203(a)].
    c. The cleanup party must contact USEPA about submission procedures, if the cleanup party intends to submit information to USEPA with an assertion of business confidentiality.
    d. Except as otherwise specified in these instructions, all documentation (e.g., reports), correspondence, and other written communications shall be submitted to USEPA electronically via email to the USEPA project manager (ziff.sara@epa.gov) with a courtesy electronic copy via email to R9LandSubmit@EPA.gov. Please include the PCB SITE ID (i.e., CATSCA102301) and PCB Site name (i.e., CLOW VALVE) in the email's subject line.

10. **Future Proposed Modifications to Cleanup Plan:** Clow and B9 Magnolia shall request any changes to the approved cleanup plan via email to USEPA, and USEPA will provide any response to the request via email.

This approval does not relieve Clow and B9 Magnolia from complying with all applicable TSCA requirements and federal, state, and local law, regulations and permits. Departure from the conditions of the approval without prior written permission from USEPA may result in revocation of this approval, and/or commencement of an enforcement action. Nothing in this approval bars USEPA from imposing penalties for violations of this approval or for violations of other applicable TSCA PCB requirements or for activities not covered under this approval.

This approval only applies to the Site. USEPA reserves the right to require additional characterization and/or cleanup of PCBs at the Site based on new information acquired during additional site characterization, cleanup verification, and/or during future post-cleanup activities (e.g. redevelopment or post-redevelopment) at the Site. In addition, USEPA may require cleanup of areas immediately adjacent to the Site if those areas are found to be impacted by PCBs from the Site. If additional information demonstrates that USEPA cannot sustain the no unreasonable risk determination, USEPA will modify or revoke this approval. In case of conflict between the Application and applicable requirements in 40 C.F.R. Part 761, the applicable requirements in 40 C.F.R. Part 761 take precedent.

USEPA appreciates the opportunity to assist Clow and B9 Magnolia with this PCB cleanup. If you have any questions regarding this approval, please contact Sara Ziff at (415) 972-3536. Thank you for your cooperation.

Sincerely,

JEFFREY SCOTT

Digitally signed by JEFFREY SCOTT
Date: 2022.06.14 11:35:00 -07'00'

Jeff Scott, Director
Land, Chemicals and Redevelopment Division

cc (electronic): Jeffrey Bennett, WSP
Larry Bowers, McWane
Gary Edwards, Western Realco
Rebecca Sundilson, WSP

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY

DEPARTMENT OF ENVIRONMENTAL HEALT

Mr. Barry Robison
McWane, Inc.
P.O. Box 607
Birmingham, Alabama 35201

December 13, 1993

Re: Clow Valve Company Underground Storage Tank Removal

Dear Mr. Robison:

This letter is to inform you that the requirements for the closure of the four underground storage tanks located at 1375 Magnolia Avenue in Corona have been completed. This department has received the results for the laboratory analyses of soil samples collected from beneath the tank. It has been determined that no further site mitigation will be required (reference Del Mar Analytical analyses dated 11/18/93 and 12/10/93).

With the provision that the results obtained from the soil sampling were accurate and properly handled, it is the position of this department that no further action will be required at this location.

It should be pointed out that this letter does not relieve you of any responsibilities mandated under the California Health and Safety Code if additional or previously unidentified contamination is discovered at this same location.

The details of the tank removal are on file at the County of Riverside, Department of Environmental Health, Hazardous Materials Management Division located at 4065 County Circle Drive, Room 123. If you have any questions, please do not hesitate to contact me at (909) 358-5055.

Sincerely,

Sandra J. Wages

Sandra J. Wages
Hazardous Materials Specialist

Del Mar Analytical

9852 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909)
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818)

nvironmental Science & Eng.
7390 Brookhurst St., Suite 110
ountain Valley, CA 92708
ttention: Tom Stewart

Client Project ID: 6-93-4441
Clow Valve
Analysis Method: EPA 5030/CA DHS Mod. 8015
First Sample #: CK01876

Sampled: Nov
Received: Nov
Analyzed: Nov
Reported: Nov 1

VOLATILE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015)

Laboratory Number	Sample Description Soil	Volatile Fuel Hydrocarbons mg/Kg (ppm)
CK01876	T1F @ 2'	N.D.
CK01877	T1F @ 6'	N.D.
CK01878	T1O @ 2'	N.D.

Detection Limit:	1.0

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C15.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

Del Mar Analytical
2852 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1

Environmental Science & Eng.
17390 Brookhurst St., Suite 110
Fountain Valley, CA 92708
Attention: Tom Stewart

Client Project ID: 6-93-4441
Clow Valve
Analysis Method: EPA 3550/CA DHS Mod. 8015
First Sample #: CK01876

Sampled: Nov 17,
Received: Nov 17,
Analyzed: Nov 18,
Reported: Nov 18,

EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015)

Laboratory Number	Sample Description Soil	Extractable Hydrocarbons mg/Kg (ppm)	Hydrocarbon Type
CK01876	T1F @ 2'	N.D.	N.A.
CK01877	T1F @ 6'	N.D.	N.A.
CK01878	T1O @ 2'	N.D.	N.A.
CK01882	T4F @ 2'	N.D.	N.A.
CK01883	T4F @ 6'	N.D.	N.A.
CK01884	T4O @ 2'	N.D.	N.A.

Detection Limit:	5.0

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

Del Mar Analytical
2852 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843

Environmental Science & Eng.
17390 Brookhurst St., Suite 110
Fountain Valley, CA 92708
Attention: Tom Stewart

Client Project ID: 6-93-4441
Glow Valve
Analysis Method: EPA 5030/CA DHS Mod. 8015/8020
First Sample #: CK01879

Sampled: Nov 17, 1993
Received: Nov 17, 1993
Analyzed: Nov 17, 1993
Reported: Nov 18, 1993

VOLATILE FUEL HYDROCARBONS/BTEX DISTINCTION (CA DHS Mod. EPA 8015/8020)

Laboratory Number	Sample Description Soil	Volatile Fuel Hydrocarbons mg/Kg (ppm)	Benzene mg/Kg (ppm)	Toluene mg/Kg (ppm)	Ethyl Benzene mg/Kg (ppm)	Total Xylenes mg/Kg (ppm)
CK01879	T3F @ 2'	N.D.	N.D.	N.D.	N.D.	N.D.
CK01880	T3F @ 6'	N.D.	N.D.	N.D.	N.D.	N.D.
CK01881	T3O @ 2'	N.D.	N.D.	N.D.	N.D.	N.D.
Detection Limit:		1.0	0.050	0.050	0.050	0.050

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C15.

Analytes reported as N.D. were not present above the stated limit of detection.

DEL MAR ANALYTICAL, IRVINE (ELAP #1197)

Gary Steuba
Laboratory Director

Del Mar Analytical

3852 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-12
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-10
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-184

Environmental Science & Eng.
17390 Brookhurst St., Suite 110
Fountain Valley, CA 92708
Attention: Dave Reilly

Client Project ID: 6-93-4441
Clow Valve, Chino Corona
Analysis Method: EPA 418.1 (I.R. with clean-up)
First Sample #: CL01244

Sampled: Dec 9, 19
Received: Dec 9, 19
Analyzed: Dec 9, 19
Reported: Dec 10, 19

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Laboratory Number	Sample Description Soil	Petroleum Hydrocarbons mg/Kg (ppm)
CL01244	T2F-2	8.3
CL01245	T2O-2	12

909 - 356-5017

Detection Limit:	5.0

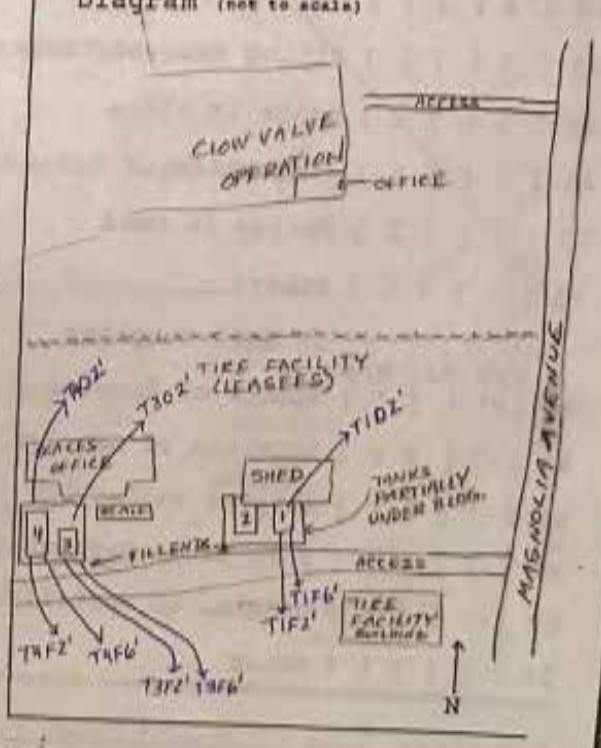
COUNTY OF RIVERSIDE, DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION
***** UNDERGROUND STORAGE TANK CLOSURE INSPECTION REPORT *****

Date: 11-17-93 Time Arrived: 1:00 Time Departed: 3:15 Temp. Closure: on pf ust mau
Facility: Clow Valve Company Plan Check #: 93-326 Removal: x Abandonment:
Address: 1375 Magnolia Ave. Corona 91719 Contact: Barry Robison - Alabama Plant Joe Scheliga - Corona
Contractor: (Pete) Petro Builder Consultant: ESE Tom Stewart (714)964-8722 Number of Tanks Closed: 4 3
Health Personnel: S. Wages Number of Tank Remaining:
Fire: J. Biddex

I Temporary Closure

	YES	NO	N/A	
1	[ ]	[ ]	[ ]	Valid Closure Permit
2	[ ]	[ ]	[ ]	Tank Contents Removed
3	[ ]	[ ]	[ ]	Witnesses Sticking of Tanks(s)
4	[ ]	[ ]	[ ]	Flammable Vapors Purged
5	[ ]	[ ]	[ ]	Tank Filled with Non-Corrosive/ Non-Hazardous Liquid
6	[ ]	[ ]	[ ]	Locks on Fill Caps/ Fill Caps Sealed
7	[ ]	[ ]	[ ]	Product Piping Disconnected
8	[ ]	[ ]	[ ]	Power Disconnected
9	[ ]	[ ]	[ ]	Vent Pipe Open
10	[ ]	[ ]	[ ]	Other:

Diagram (not to scale)



II Removal

	YES	NO	N/A	
11	[✓]	[ ]	[ ]	Valid Closure Permit
12	[✓]	[ ]	[ ]	Tank Triple Rinsed
13	[✓]	[ ]	[ ]	Manifest Available/Number: 92271155
14	[✓]	[ ]	[ ]	Hazardous Waste Hauler: Waste Environmental Services & Transportation
15	[✓]	[ ]	[ ]	Destination of Rinsate: Demenno Kerdoon
16	[✓]	[ ]	[ ]	Witnessed Dry-Icing of Tanks(s)
17	[ ]	[ ]	[✓]	Tank Tags Removed-U.L. Serial #(s):
18	[✓]	[ ]	[ ]	Destination of Tanks(s): AMR
19	[✓]	[ ]	[ ]	Condition of Tanks(s): Good, minimal corrosion
20	[✓]	[ ]	[ ]	Condition of Excavation: sandy moist, clay layer at ~15ft
21	[ ]	[✓]	[ ]	Soil Staining/Odor
22	[ ]	[✓]	[ ]	Unauthorized Release form Issued
23	[ ]	[ ]	[ ]	Other:

III Abandonment in Place

	YES	NO	N/A	
24	[ ]	[ ]	[ ]	Valid Closure Permit
25	[ ]	[ ]	[ ]	Tank(s) Rinsed
26	[ ]	[ ]	[ ]	Manifest Available Number: _____
27	[ ]	[ ]	[ ]	Soil Sampling
28	[ ]	[ ]	[ ]	Tank(s) Filled with Priper Slurry
29	[ ]	[ ]	[ ]	Piping Removed/Capped
30	[ ]	[ ]	[ ]	Vents in Place
31	[ ]	[ ]	[ ]	Indication of Release
32	[ ]	[ ]	[ ]	Notice in Deed
33	[ ]	[ ]	[ ]	Other: _____

IV Soil Sampling

	YES	NO	N/A	
34	[✓]	[ ]	[ ]	Number of Samples 12 on 11-17-93 for tanks 1, 3, & 4
35	[✓]	[ ]	[ ]	Location of Samples 2' and 4' at fill ends and 2' at other ends for all tanks
36	[✓]	[ ]	[ ]	Samples Sealed/COC: _____
37	[✓]	[ ]	[ ]	Soil Tests Requested: Mineral Spirits (Tank 1) 8015 m Diesel & 8015 mGas; Gasoline (Tank 3) 8015 mGas, 8020, Organic Lead on highest TPH; Diesel (Tank 4) 8015 m Diesel; Asphalt (Tank 2) 418.1
38	[✓]	[ ]	[ ]	Samples to Certified Lab Del Mar Analytical
39	[ ]	[ ]	[ ]	Other

Comments: Tank 1 / Mineral Spirits / 8,000 gals
Tank 2 / Asphalt Emulsion / 4,000 gals (removed on 12/9/93 - see attached report)
Tank 3 / Gasoline / 2,000 gals
Tank 4 / Diesel / 8,000 gals

Note: Asphalt tank contained approximately 2,000 gals of hardened product. Contractor to find way to remove material and remove tank within a week, sampling to be conducted at that time.

***** UNDERGROUND STORAGE TANK CLOSURE INSPECTION REPORT *****

12-9-93 Time Arrived: 1 Time Departed: _____ Temp. Closure: _____

Facility: Clow Valve Plan Check #: 98-826 Removal: X Abandonment: _____

Address: _____ Contact: _____

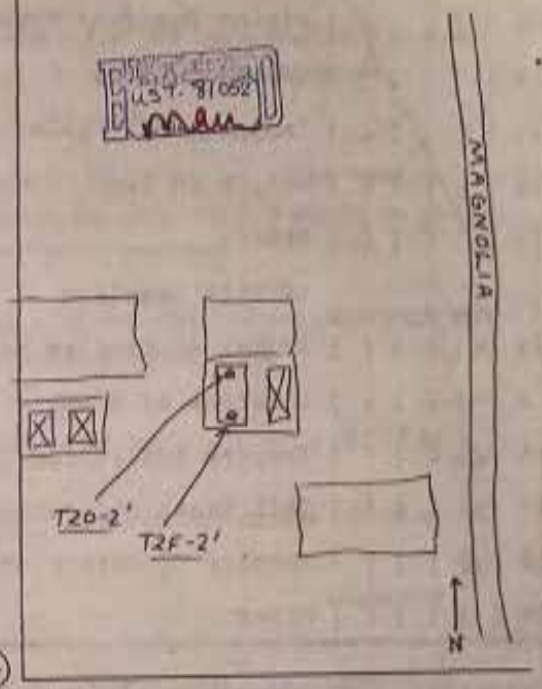
Contractor: _____ Number of Tanks Closed: 1

Health Personnel: Sande Wages Number of Tank Remaining: Ø Fire: Jack Biddex

I Temporary Closure

	YES	NO	N/A	
1	[ ]	[ ]	[ ]	Valid Closure Permit
2	[ ]	[ ]	[ ]	Tank Contents Removed
3	[ ]	[ ]	[ ]	Witnessed Sticking of Tanks(s)
4	[ ]	[ ]	[ ]	Flammable Vapors Purged
5	[ ]	[ ]	[ ]	Tank Filled with Non-Corrosive/ Non-Hazardous Liquid
6	[ ]	[ ]	[ ]	Locks on Fill Caps/ Fill Caps Sealed
7	[ ]	[ ]	[ ]	Product Piping Disconnected
8	[ ]	[ ]	[ ]	Power Disconnected
9	[ ]	[ ]	[ ]	Vent Pipe Open
10	[ ]	[ ]	[ ]	Other: _____

Diagram (not to scale)



II Removal

	YES	NO	N/A	
11	[✓]	[ ]	[ ]	Valid Closure Permit
12	[✓]	[ ]	[ ]	Tank Triple Rinsed (Liquid Asphalt)
13	[✓]	[ ]	[ ]	Manifest Available/Number: 92271156
14	[✓]	[ ]	[ ]	Hazardous Waste Hauler: West Environmental Service & Transportation
15	[✓]	[ ]	[ ]	Destination of Rinsate: Demenno Kerdoon
16	[✓]	[ ]	[ ]	Witnessed Dry-Icing of Tanks(s)
17	[ ]	[ ]	[✓]	Tank Tags Removed-U.L. Serial #(s): _____
18	[✓]	[ ]	[ ]	Destination of Tanks(s): Hugo Nu-Polar
19	[✓]	[ ]	[ ]	Condition of Tanks(s): Appeared Intact
20	[✓]	[ ]	[ ]	Condition of Excavation: Sandy - Moist
21	[ ]	[✓]	[ ]	Soil Staining/Odor
22	[ ]	[✓]	[ ]	Unauthorized Release form Issued
23	[ ]	[ ]	[ ]	Other: _____

III Abandonment in Place

	YES	NO	N/A	
24	[ ]	[ ]	[ ]	Valid Closure Permit
25	[ ]	[ ]	[ ]	Tank(s) Rinsed
26	[ ]	[ ]	[ ]	Manifest Available Number: _____
27	[ ]	[ ]	[ ]	Soil Sampling
28	[ ]	[ ]	[ ]	Tank(s) Filled with Priper Slurry
29	[ ]	[ ]	[ ]	Piping Removed/Capped
30	[ ]	[ ]	[ ]	Vents in Place
31	[ ]	[ ]	[ ]	Indication of Release
32	[ ]	[ ]	[ ]	Notice in Deed
33	[ ]	[ ]	[ ]	Other: _____

IV Soil Sampling

	YES	NO	N/A	
34	[X]	[ ]	[ ]	Number of Samples 2
35	[X]	[ ]	[ ]	Location of Samples Fill and other ends at 2' only
36	[X]	[ ]	[ ]	Samples Sealed/COC: _____
37	[X]	[ ]	[ ]	Soil Tests Requested: 418.1
38	[X]	[ ]	[ ]	Samples to Certified Lab
39	[ ]	[ ]	[ ]	Other _____

Comments: 4000 gallon liquid asphalt tank - no visible contamination
3 other tanks removed previously - sample results were N.D.

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION

UNDERGROUND STORAGE TANK PERMIT FOR CLOSURE

TYPE OF PERMIT

[X] Removal

[ ] Abandonment In Place

[ ] Temporary Closure (12 Months Only)

This permit shall not be construed as to allow the violation of any law, nor does it prevent further corrections of errors found on the application, plans, or at the site. Plans must be resubmitted for approval if any additional changes are made by the applicant.

In addition to this permit, all applicable permits required by the local fire department, building department, and the air quality management district must be obtained and should be available for review at the closure site.

All tank closures must, at a minimum, comply with the California Underground Storage Tank Regulations and the appropriate section of the California Health & Safety Code.

81057

CLOW VALVE/PETRO BUILDER (Owner/Contractor/Applicant) has applied for and is granted a permit to

REMOVE (Remove/Abandon/Temp. Close) FOUR (No.) underground storage tank(s) at

CLOW VALVE (Facility Name) located at

1375 MAGNOLIA (Street Address) in CORONA (City/Town), California.

Underground tank closure inspections **must be scheduled five (5) business days in advance.** Telephone (714) 358-5055.

Daniel T. Workman — Permit Approved By

11-8-93 — Date

93-326 — Plan Check #

*This Permit for Closure is VALID FOR 90 DAYS from the date of approval. If no reasonable action is taken within that period, the applicant will be required to reapply for a closure permit with all pertinent fees associated.

ENTERED PK

CM US temp maint Pcb
CA 5007
11/8/93

DOH HEH 003 (REV. 8/92)

...ENT OF ENVIRONMENTAL HEALTH

...NTY OF RIVERSIDE HEALTH SERVICES AGENCY DEPARTMENT OF ENVIRONMENTAL HEALTH

...DERGROUND STORAGE TANK CLOSURE/ABANDONMENT APPLICATION

...pplication for closure or abandonment of Underground Storage Tanks. Applicant may submit a copy of the removal plans. All fees are NON REFUNDABLE and payable when the plans are submitted with this application.

93.326
PLAN CHECK NUMBER

NAME OF FACILITY	ADDRESS OF FACILITY	(CITY)	PHONE NUMBER
Clow Valve	1375 Magnolia	Corona	714 964 8722
NAME OF OWNER	**ADDRESS OF OWNER**		**PHONE NUMBER**
Clow Valve	902 S 2ND	OSKALOOSA Iowa	515 673 8611
NAME OF OPERATOR	**ADDRESS OF OPERATOR**		**PHONE NUMBER**
Clow Valve	1375 Magnolia	Corona	909 735 5555
NAME OF CONTRACTOR/CONTACT PERSON	**ADDRESS OF CONTRACTOR**		**PHONE NUMBER**
Petro Builder Jon King	10609 Pointe Ave		310 9462285
CONTRACTORS LICENSE TYPE & NUMBER (Including Hazardous Materials Certification)			
241905 A, B, C61/D40, C21, HAZ			

ANSWER THE FOLLOWING QUESTIONS DESCRIBING THE TANKS TO BE CLOSED OR ABANDONED. IF YOU HAVE MORE THAN FOUR (4) TANKS, PROVIDE INFORMATION ON ADDITIONAL APPLICATION FORM.

	TANK 1	TANK 2	TANK 3	TANK 4
SINGLE/DOUBLE WALL TANK	S	S	S	S
TANK IN USE (YES/NO)	Y	Y	Y	Y
IS TANK SUSPECTED OF LEAKING (YES/NO)	NO	NO	NO	NO
AGE OF TANK (YEARS)	UNK	UNK	UNK	UNK
CONSTRUCTION MATERIAL OF TANK(S)	steel	steel	steel	Steel
HAZARDOUS SUBSTANCE STORAGE HISTORY	Diesel	Gas	Asphalt	MIN Spirits

Check the method of closure to be performed:

REMOVAL (X)

ABANDONMENT ( )

TEMPORARY CLOSURE ( )

DATES FOR WHICH THE TANKS ARE TO BE TEMPORARILY CLOSED (IF APPLICABLE).

NAME OF PERSON TO CONTACT IN AN EMERGENCY	24 HOUR EMERGENCY PHONE NUMBER
Dave Riley	714 964 8722

APPLICANT NAME	APPLICANT SIGNATURE	DATE OF APPLICATION
J King	J King	11/8/93

PLEASE MAKE YOUR CHECK PAYABLE TO THE COUNTY OF RIVERSIDE

CLOSURE/ABANDONMENT FEE

FIRST TANK $260.00
EACH ADDITIONAL TANK.. $100.00
REINSPECTION FEE ..... $ 91.00

AMOUNT ATTACHED $ 350.00

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Clow Valve Company
1375 Magnolia Avenue
Corona, CA 91719

September 17, 1993

RE: Underground Storage Tanks at
1375 Magnolia Avenue
Corona, CA 91719

Attn: Joe Scheliga

Dear Mr. Scheliga:

It has come to the attention of the Hazardous Materials Management Division that the above-mentioned property has two, or possibly three, Underground Storage Tanks (USTs) for which current Underground Storage Tank Permits have not been obtained. Under Riverside County Ordinance 617 and Section 25284(a) of the California Health and Safety Code, "no person shall own or operate an underground storage tank unless a permit for its operation has been issued by the local agency." Therefore, as the property owner of the above location, you are in violation of County and State regulations thereby subject to regulatory action.

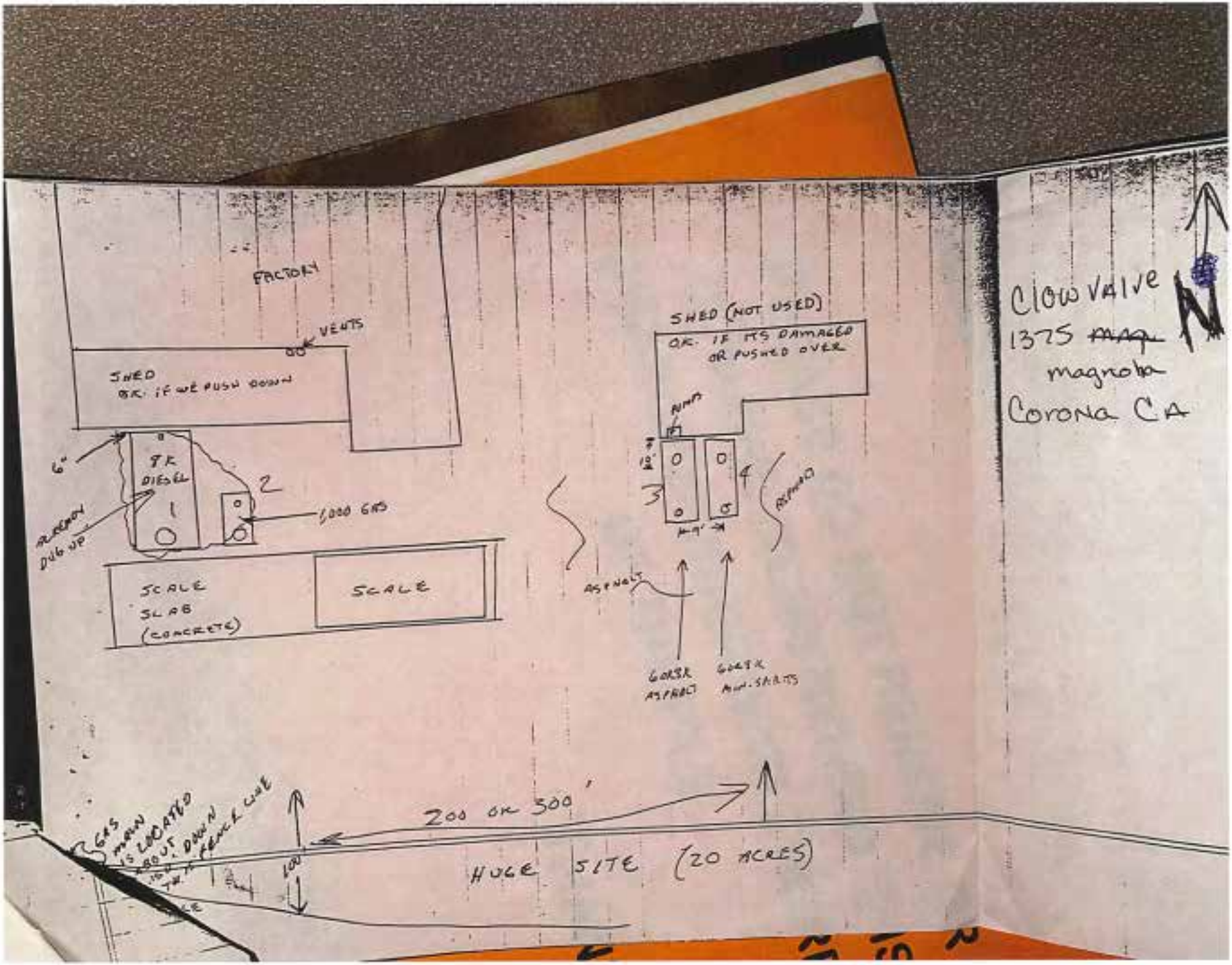
In order to remedy these violations, this office provides three options listed as follows:

I. Obtain current UST permits by providing this office with the following information for all tank systems:

-Tank integrity test results
-Pipeline integrity test results
-An approved monitoring alternative application
-Forms A and B (contact this office for applications)
-A statement of financial responsibility
-Daily monitoring records
-Monthly inventory reconciliation records
-Calibration of the meters
-Annual inventory reconciliation records
-Payment of all past and current fees including penalties

II. Place the USTs in Temporary Closure requiring a Closure Permit from this office. A Temporary Closure Permit is valid for one year.

III. Obtain a Permit for Removal from this office and remove the tanks within 90 days.


FACTORY
VENTS
SHED
OK. IF WE PUSH DOWN
6"
8K DIESEL
1000 GAS
SCALE SLAB (CONCRETE)
SCALE
SHED (NOT USED)
OK. IF ITS DAMAGED OR PUSHED OVER
ASPHALT
GOOSE ASPHALT
GOOSE ASPHALT
200 OR 500'
HUGE SITE (20 ACRES)
Clow Valve
1375
magnolia
Corona CA

In addition to the current Underground Storage Tank regulations, as stated in Title 23 of the California Code of Regulations, existing UST systems must either be upgraded to include secondary containment or removed by 1998.

One of the above options must be carried out by 10/28/93 to avoid regulatory action. For further details, please call Sande Wages at (909)358-5055.

Thank You,

Sandra J. Wages

Sandra J. Wages
Hazardous Materials Specialist