

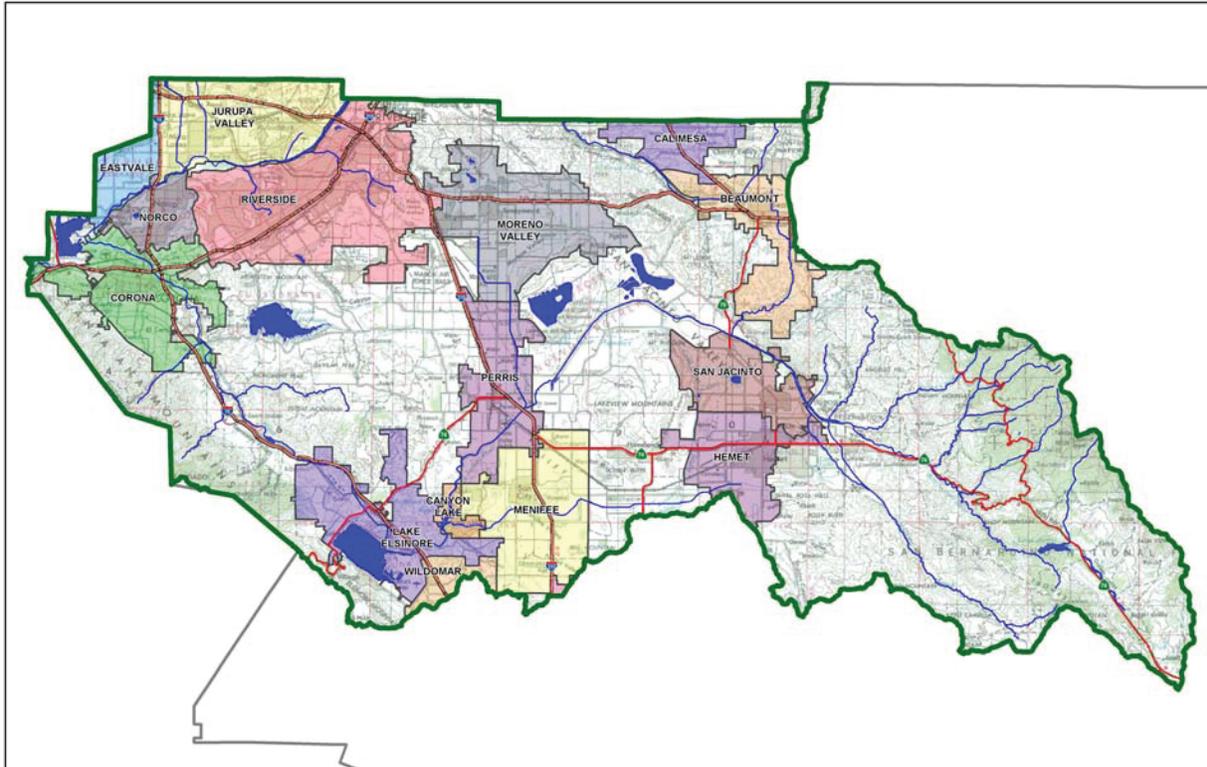
# Project Specific Water Quality Management Plan

A Template for Projects located within the **Santa Ana Watershed** Region of Riverside County

**Project Title:** Fitness Mania

**Development No:** DPR2022-0010; PP2022-0004

**Design Review/Case No:** WQ22-016P



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- Preliminary
- Final

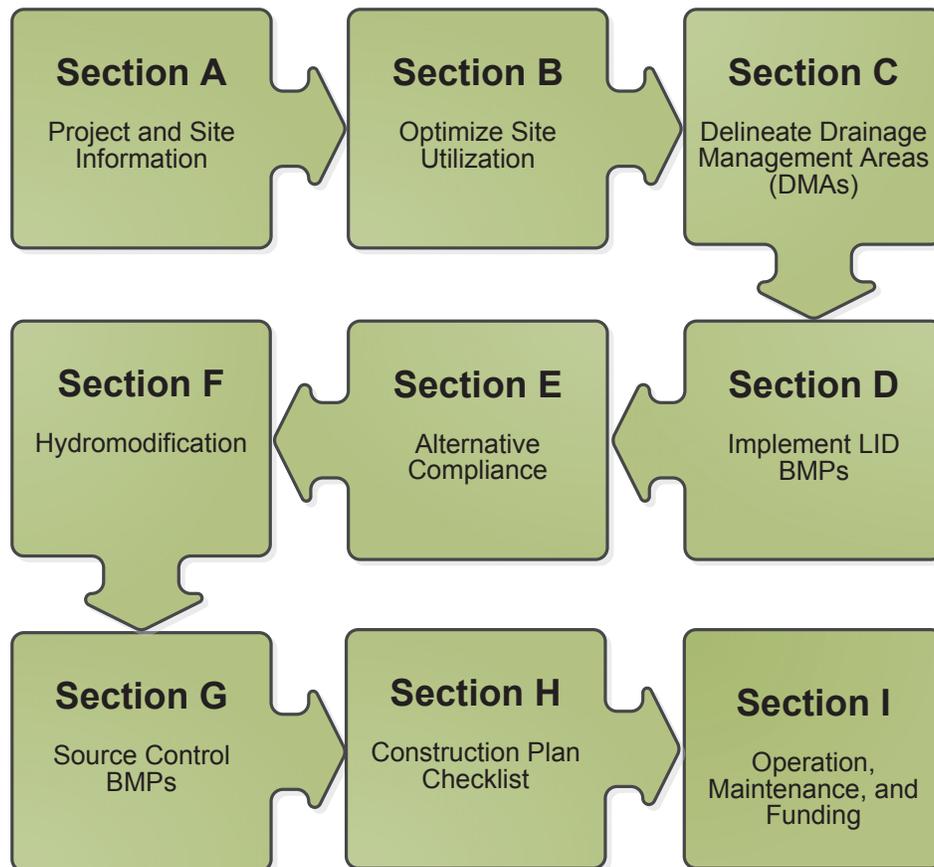
**Original Date Prepared:** 09/01/2022

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*Prepared for Compliance with*  
**Regional Board Order No. R8-2010-0033**

## A Brief Introduction

This Project-Specific WQMP Template for the **Santa Ana Region** has been prepared to help guide you in documenting compliance for your project. Because this document has been designed to specifically document compliance, you will need to utilize the WQMP Guidance Document as your “how-to” manual to help guide you through this process. Both the Template and Guidance Document go hand-in-hand, and will help facilitate a well prepared Project-Specific WQMP. Below is a flowchart for the layout of this Template that will provide the steps required to document compliance.



## OWNER'S CERTIFICATION

This Project-Specific Water Quality Management Plan (WQMP) has been prepared for Joe Balbas by ITF & Associates for the Angela Way Subdivision project.

This WQMP is intended to comply with the requirements of City of Corona for DPR2022-0010 which includes the requirement for the preparation and implementation of a Project-Specific WQMP.

The undersigned, while owning the property/project described in the preceding paragraph, shall be responsible for the implementation and funding of this WQMP and will ensure that this WQMP is amended as appropriate to reflect up-to-date conditions on the site. In addition, the property owner accepts responsibility for interim operation and maintenance of Stormwater BMPs until such time as this responsibility is formally transferred to a subsequent owner. This WQMP will be reviewed with the facility operator, facility supervisors, employees, tenants, maintenance and service contractors, or any other party (or parties) having responsibility for implementing portions of this WQMP. At least one copy of this WQMP will be maintained at the project site or project office in perpetuity. The undersigned is authorized to certify and to approve implementation of this WQMP. The undersigned is aware that implementation of this WQMP is enforceable under City of Corona Water Quality Ordinance (Municipal Code Section \_\_\_\_\_).

"I, the undersigned, certify under penalty of law that the provisions of this WQMP have been reviewed and accepted and that the WQMP will be transferred to future successors in interest."

\_\_\_\_\_  
Owner's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Owner's Printed Name

\_\_\_\_\_  
Owner's Title/Position

## PREPARER'S CERTIFICATION

"The selection, sizing and design of stormwater treatment and other stormwater quality and quantity control measures in this plan meet the requirements of Regional Water Quality Control Board Order No. **R8-2010-0033** and any subsequent amendments thereto."



\_\_\_\_\_

Preparer's Signature

Date 03/01/2023

Yefim Tsalyuk  
\_\_\_\_\_  
Preparer's Printed Name

principal  
\_\_\_\_\_  
Preparer's Title/Position

Preparer's Licensure: C52871

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## Section A: Project and Site Information

PROJECT INFORMATION	
Type of Project:	commercial
Planning Area:	.
Community Name:	n/a
Development Name:	n/a
PROJECT LOCATION	
Latitude & Longitude (DMS): 33d50'46"N 117d34'13"W	
Project Watershed and Sub-Watershed: Santa Ana River, Temescal	
APN(s): 113-340-018	
Map Book and Page No.: 773-D3	
PROJECT CHARACTERISTICS	
Proposed or Potential Land Use(s)	commercial
Proposed or Potential SIC Code(s)	7991
Area of Impervious Project Footprint (SF)	175,755 s.f.
Total Area of <u>proposed</u> Impervious Surfaces within the Project Limits (SF)/or Replacement	139,935 s.f.
Does the project consist of offsite road improvements?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Does the project propose to construct unpaved roads?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
Is the project part of a larger common plan of development (phased project)?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
EXISTING SITE CHARACTERISTICS	
Total area of <u>existing</u> Impervious Surfaces within the project limits (SF)	0
Is the project located within any MSHCP Criteria Cell?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
If so, identify the Cell number:	.
Are there any natural hydrologic features on the project site?	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
Is a Geotechnical Report attached?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
If no Geotech. Report, list the NRCS soils type(s) present on the site (A, B, C and/or D)	B
What is the Water Quality Design Storm Depth for the project?	10'

### A.1 Maps and Site Plans

When completing your Project-Specific WQMP, include a map of the local vicinity and existing site. In addition, include all grading, drainage, landscape/plant palette and other pertinent construction plans in Appendix 2. At a **minimum**, your WQMP Site Plan should include the following:

- Drainage Management Areas
- Proposed Structural BMPs
- Drainage Path
- Drainage Infrastructure, Inlets, Overflows
- Source Control BMPs
- Buildings, Roof Lines, Downspouts
- Impervious Surfaces
- Standard Labeling

Use your discretion on whether or not you may need to create multiple sheets or can appropriately accommodate these features on one or two sheets. Keep in mind that the Co-Permittee plan reviewer must be able to easily analyze your project utilizing this template and its associated site plans and maps.

## A.2 Identify Receiving Waters

Using Table A.1 below, list in order of upstream to downstream, the receiving waters that the project site is tributary to. Continue to fill each row with the Receiving Water's 303(d) listed impairments (if any), designated beneficial uses, and proximity, if any, to a RARE beneficial use. Include a map of the receiving waters in Appendix 1.

**Table A.1 Identification of Receiving Waters**

Receiving Waters	EPA Approved 303(d) List Impairments	Designated Beneficial Uses	Proximity to RARE Beneficial Use
Temescal Creek-Reach 1	PH	REC2, WARM, WILD	10 mi.
Prado Dam	none	REC1, REC2, WARM, WILD, RARE	
Santa Ana River-Reach 3	Pathogens, Lead, Copper (wet season only)	AGR, GWR, REC1, REC2, WARM, WILD, RARE, SPWN	
Santa Ana River-Reach 2	Bacteria	AGR, GWR, REC1, REC2, WARM, WILD, RARE, SPWN	

## A.3 Additional Permits/Approvals required for the Project:

**Table A.2 Other Applicable Permits**

Agency	Permit Required	
State Department of Fish and Game, 1602 Streambed Alteration Agreement	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
State Water Resources Control Board, Clean Water Act (CWA) Section 401 Water Quality Cert.	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
US Army Corps of Engineers, CWA Section 404 Permit	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
US Fish and Wildlife, Endangered Species Act Section 7 Biological Opinion	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Statewide Construction General Permit Coverage	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Statewide Industrial General Permit Coverage	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Western Riverside MSHCP Consistency Approval (e.g., JPR, DBESP)	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Other (please list in the space below as required)	<input type="checkbox"/> Y	<input type="checkbox"/> N

If yes is answered to any of the questions above, the Co-Permittee may require proof of approval/coverage from those agencies as applicable including documentation of any associated requirements that may affect this Project-Specific WQMP.

## Section B: Optimize Site Utilization (LID Principles)

Review of the information collected in Section 'A' will aid in identifying the principal constraints on site design and selection of LID BMPs as well as opportunities to reduce imperviousness and incorporate LID Principles into the site and landscape design. For example, **constraints** might include impermeable soils, high groundwater, groundwater pollution or contaminated soils, steep slopes, geotechnical instability, high-intensity land use, heavy pedestrian or vehicular traffic, utility locations or safety concerns. **Opportunities** might include existing natural areas, low areas, oddly configured or otherwise unbuildable parcels, easements and landscape amenities including open space and buffers (which can double as locations for bioretention BMPs), and differences in elevation (which can provide hydraulic head). Prepare a brief narrative for each of the site optimization strategies described below. This narrative will help you as you proceed with your LID design and explain your design decisions to others.

The 2010 Santa Ana MS4 Permit further requires that LID Retention BMPs (Infiltration Only or Harvest and Use) be used unless it can be shown that those BMPs are infeasible. Therefore, it is important that your narrative identify and justify if there are any constraints that would prevent the use of those categories of LID BMPs. Similarly, you should also note opportunities that exist which will be utilized during project design. Upon completion of identifying Constraints and Opportunities, include these on your WQMP Site plan in Appendix 1.

### Site Optimization

The following questions are based upon Section 3.2 of the WQMP Guidance Document. Review of the WQMP Guidance Document will help you determine how best to optimize your site and subsequently identify opportunities and/or constraints, and document compliance.

Did you identify and preserve existing drainage patterns? If so, how? If not, why?

*Existing drainage pattern is toward back of the property.*

*The storm flow will be collected in proposed BMPs and overflow discharge to public storm drain system.*

Did you identify and protect existing vegetation? If so, how? If not, why?

*Existing property is a dirt lot with vegetation. The site would be paved*

Did you identify and preserve natural infiltration capacity? If so, how? If not, why?

*The storm water will be collected into infiltration system.*

Did you identify and minimize impervious area? If so, how? If not, why?

*Impervious area will be minimized by creating landscape area around proposed development*

Did you identify and disperse runoff to adjacent pervious areas? If so, how? If not, why?

*The storm water will be collected in the back into detention system*

## Section C: Delineate Drainage Management Areas (DMAs)

Utilizing the procedure in Section 3.3 of the WQMP Guidance Document which discusses the methods of delineating and mapping your project site into individual DMAs, complete Table C.1 below to appropriately categorize the types of classification (e.g., Type A, Type B, etc.) per DMA for your project site. Upon completion of this table, this information will then be used to populate and tabulate the corresponding tables for their respective DMA classifications.

**Table C.1 DMA Classifications**

DMA Name or ID	Surface Type(s) <sup>1</sup>	Area (Sq. Ft.)	DMA Type
DMA 1-1a	Roof, pavement	52,548	Drain to BMP A
DMA 1-1b	Landscaping	11,860	Drain to BMP A
DMA 1-2a	Pavement	13,095	Drain to BMP B
DMA 1-2b	Landscaping	3,005	Drain to BMP B
DMA 1-3a	Roof, pavement	40,524	Drain to BMP C
DMA 1-3b	Landscaping	8,510	Drain to BMP C
DMA 1-4a	Pavement	40,393	Drain to BMP D
DMA 1-4b	Landscaping	5,820	Drain to BMP D
DMA 2a	Main St. new pavement	11,211	Drain to Biopod, DMA 2
DMA 2b	Main St. new landscape	2,435	Drain to Biopod, DMA 2
DMA 3a	Chase Dr. proposed and future pavement	9,302	Drain to Biopod, DMA 3
DMA 3b	Chase Dr. proposed and future landscape	12,730	Drain to Biopod, DMA 3

<sup>1</sup>Reference Table 2-1 in the WQMP Guidance Document to populate this column

**Table C.2 Type 'A', Self-Treating Areas**

DMA Name or ID	Area (Sq. Ft.)	Stabilization Type	Irrigation Type (if any)

**Table C.3** Type 'B', Self-Retaining Areas

Self-Retaining Area				Type 'C' DMAs that are draining to the Self-Retaining Area		
DMA Name/ ID	Post-project surface type	Area (square feet) [A]	Storm Depth (inches) [B]	DMA Name / ID	[C] from Table C.4 [C]	Required Retention Depth (inches) [D]

$$[D] = [B] + \frac{[B] \cdot [C]}{[A]}$$

**Table C.4** Type 'C', Areas that Drain to Self-Retaining Areas

DMA					Receiving Self-Retaining DMA		
DMA Name/ ID	Area (square feet)	Post-project surface type	Runoff factor	Product	DMA name /ID	Area (square feet)	Ratio
	[A]		[B]	[C] = [A] x [B]		[D]	[C]/[D]

**Table C.5** Type 'D', Areas Draining to BMPs

DMA Name or ID	BMP Name or ID
DMA1-1a & DMA1-1b	Bioretention System, BMP A
DMA1-2a & DMA1-2b	Bioretention System, BMP B
DMA1	Bioretention System, BMP C
DMA1	Bioretention System, BMP D
DMA2	Biopod, DMA2
DMA3	Biopod, DMA 3

*Note: More than one drainage management area can drain to a single LID BMP, however, one drainage management area may not drain to more than one BMP.*

## Section D: Implement LID BMPs

### D.1 Infiltration Applicability

Is there an approved downstream ‘Highest and Best Use’ for stormwater runoff (see discussion in Chapter 2.4.4 of the WQMP Guidance Document for further details)?  Y  N

If yes has been checked, Infiltration BMPs shall not be used for the site. If no, continue working through this section to implement your LID BMPs. It is recommended that you contact your Co-Permittee to verify whether or not your project discharges to an approved downstream ‘Highest and Best Use’ feature.

#### Geotechnical Report

A Geotechnical Report or Phase I Environmental Site Assessment may be required by the Copermitee to confirm present and past site characteristics that may affect the use of Infiltration BMPs. In addition, the Co-Permittee, at their discretion, may not require a geotechnical report for small projects as described in Chapter 2 of the WQMP Guidance Document. If a geotechnical report has been prepared, include it in Appendix 3. In addition, if a Phase I Environmental Site Assessment has been prepared, include it in Appendix 4.

Is this project classified as a small project consistent with the requirements of Chapter 2 of the WQMP Guidance Document?  Y  N

#### Infiltration Feasibility

Table D.1 below is meant to provide a simple means of assessing which DMAs on your site support Infiltration BMPs and is discussed in the WQMP Guidance Document in Chapter 2.4.5. Check the appropriate box for each question and then list affected DMAs as applicable. If additional space is needed, add a row below the corresponding answer.

Table D.1 Infiltration Feasibility

Does the project site...	YES	NO
...have any DMAs with a seasonal high groundwater mark shallower than 10 feet? If Yes, list affected DMAs:		X
...have any DMAs located within 100 feet of a water supply well? If Yes, list affected DMAs:		X
...have any areas identified by the geotechnical report as posing a public safety risk where infiltration of stormwater could have a negative impact? If Yes, list affected DMAs:		X
...have measured in-situ infiltration rates of less than 1.6 inches / hour? If Yes, list affected DMAs: DMA1	X	
...have significant cut and/or fill conditions that would preclude in-situ testing of infiltration rates at the final infiltration surface? If Yes, list affected DMAs:		X
...geotechnical report identify other site-specific factors that would preclude effective and safe infiltration? Describe here:		X

If you answered “Yes” to any of the questions above for any DMA, Infiltration BMPs should not be used for those DMAs and you should proceed to the assessment for Harvest and Use below.

## D.2 Harvest and Use Assessment

Please check what applies:

- Reclaimed water will be used for the non-potable water demands for the project.
- Downstream water rights may be impacted by Harvest and Use as approved by the Regional Board (verify with the Copermittee).
- The Design Capture Volume will be addressed using Infiltration Only BMPs. In such a case, Harvest and Use BMPs are still encouraged, but it would not be required if the Design Capture Volume will be infiltrated or evapotranspired.

If any of the above boxes have been checked, Harvest and Use BMPs need not be assessed for the site. If neither of the above criteria applies, follow the steps below to assess the feasibility of irrigation use, toilet use and other non-potable uses (e.g., industrial use).

### Irrigation Use Feasibility

Complete the following steps to determine the feasibility of harvesting stormwater runoff for Irrigation Use BMPs on your site:

Step 1: Identify the total area of irrigated landscape on the site, and the type of landscaping used.

*Total Area of Irrigated Landscape: 0.82 ac.*

*Type of Landscaping (Conservation Design or Active Turf): conservation design*

Step 2: Identify the planned total of all impervious areas on the proposed project from which runoff might be feasibly captured and stored for irrigation use. Depending on the configuration of buildings and other impervious areas on the site, you may consider the site as a whole, or parts of the site, to evaluate reasonable scenarios for capturing and storing runoff and directing the stored runoff to the potential use(s) identified in Step 1 above.

*Total Area of Impervious Surfaces: 3.21 ac.*

Step 3: Cross reference the Design Storm depth for the project site (see Exhibit A of the WQMP Guidance Document) with the left column of Table 2-3 in Chapter 2 to determine the minimum area of Effective Irrigated Area per Tributary Impervious Area (EIATIA).

*Enter your EIATIA factor: 1.85*

Step 4: Multiply the unit value obtained from Step 3 by the total of impervious areas from Step 2 to develop the minimum irrigated area that would be required.

*Minimum required irrigated area: 5.84 ac.*

Step 5: Determine if harvesting stormwater runoff for irrigation use is feasible for the project by comparing the total area of irrigated landscape (Step 1) to the minimum required irrigated area (Step 4).

Minimum required irrigated area (Step 4)	Available Irrigated Landscape (Step 1)
5.84 ac.	0.82 ac

## Toilet Use Feasibility

Complete the following steps to determine the feasibility of harvesting stormwater runoff for toilet flushing uses on your site:

Step 1: Identify the projected total number of daily toilet users during the wet season, and account for any periodic shut downs or other lapses in occupancy:

*Projected Number of Daily Toilet Users: 50*

*Project Type: commercial*

Step 2: Identify the planned total of all impervious areas on the proposed project from which runoff might be feasibly captured and stored for toilet use. Depending on the configuration of buildings and other impervious areas on the site, you may consider the site as a whole, or parts of the site, to evaluate reasonable scenarios for capturing and storing runoff and directing the stored runoff to the potential use(s) identified in Step 1 above.

*Total Area of Impervious Surfaces: 3.42 ac.*

Step 3: Enter the Design Storm depth for the project site (see Exhibit A) into the left column of Table 2-1 in Chapter 2 to determine the minimum number of toilet users per tributary impervious acre (TUTIA).

*Enter your TUTIA factor: 131*

Step 4: Multiply the unit value obtained from Step 3 by the total of impervious areas from Step 2 to develop the minimum number of toilet users that would be required.

*Minimum number of toilet users: 60*

Step 5: Determine if harvesting stormwater runoff for toilet flushing use is feasible for the project by comparing the Number of Daily Toilet Users (Step 1) to the minimum required number of toilet users (Step 4).

<b>Minimum required Toilet Users (Step 4)</b>	<b>Projected number of toilet users (Step 1)</b>
60	20

## Other Non-Potable Use Feasibility

Are there other non-potable uses for stormwater runoff on the site (e.g. industrial use)? See Chapter 2 of the Guidance for further information. If yes, describe below. If no, write N/A.

N/A

Step 1: Identify the projected average daily non-potable demand, in gallons per day, during the wet season and accounting for any periodic shut downs or other lapses in occupancy or operation.

*Average Daily Demand: N/A*

Step 2: Identify the planned total of all impervious areas on the proposed project from which runoff might be feasibly captured and stored for the identified non-potable use. Depending on the configuration of buildings and other impervious areas on the site, you may consider the site as a whole, or parts of the site, to evaluate reasonable scenarios for capturing and storing runoff and directing the stored runoff to the potential use(s) identified in Step 1 above.

*Total Area of Impervious Surfaces:*

Step 3: Enter the Design Storm depth for the project site (see Exhibit A) into the left column of Table 2-3 in Chapter 2 to determine the minimum demand for non-potable uses per tributary impervious acre.

*Enter the factor from Table 2-3:*

Step 4: Multiply the unit value obtained from Step 4 by the total of impervious areas from Step 3 to develop the minimum number of gallons per day of non-potable use that would be required.

*Minimum required use:*

Step 5: Determine if harvesting stormwater runoff for other non-potable use is feasible for the project by comparing the Number of Daily Toilet Users (Step 1) to the minimum required number of toilet users (Step 4).

<b>Minimum required non-potable use (Step 4)</b>	<b>Projected average daily use (Step 1)</b>
Minimum use required (gpd)	Projected Average Daily Use (gpd)

If Irrigation, Toilet and Other Use feasibility anticipated demands are less than the applicable minimum values, Harvest and Use BMPs are not required and you should proceed to utilize LID Bioretention and Biotreatment, unless a site-specific analysis has been completed that demonstrates technical infeasibility as noted in D.3 below.

### **D.3 Bioretention and Biotreatment Assessment**

Other LID Bioretention and Biotreatment BMPs as described in Chapter 2.4.7 of the WQMP Guidance Document are feasible on nearly all development sites with sufficient advance planning.

*Select one of the following:*

LID Bioretention/Biotreatment BMPs will be used for some or all DMAs of the project as noted below in Section D.4 (note the requirements of Section 3.4.2 in the WQMP Guidance Document).

A site-specific analysis demonstrating the technical infeasibility of all LID BMPs has been performed and is included in Appendix 5. If you plan to submit an analysis demonstrating the technical infeasibility of LID BMPs, request a pre-submittal meeting with the Copermittee to discuss this option. Proceed to Section E to document your alternative compliance measures.

## D.4 Feasibility Assessment Summaries

From the Infiltration, Harvest and Use, Bioretention and Biotreatment Sections above, complete Table D.2 below to summarize which LID BMPs are technically feasible, and which are not, based upon the established hierarchy.

**Table D.2** LID Prioritization Summary Matrix

DMA Name/ID	LID BMP Hierarchy				No LID (Alternative Compliance)
	1. Infiltration	2. Harvest and use	3. Bioretention	4. Biotreatment	
DMA 1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

For those DMAs where LID BMPs are not feasible, provide a brief narrative below summarizing why they are not feasible, include your technical infeasibility criteria in Appendix 5, and proceed to Section E below to document Alternative Compliance measures for those DMAs. Recall that each proposed DMA must pass through the LID BMP hierarchy before alternative compliance measures may be considered.

Bioretention will be used for the project.



## Section E: Alternative Compliance (LID Waiver Program)

LID BMPs are expected to be feasible on virtually all projects. Where LID BMPs have been demonstrated to be infeasible as documented in Section D, other Treatment Control BMPs must be used (subject to LID waiver approval by the Copermitttee). Check one of the following Boxes:

LID Principles and LID BMPs have been incorporated into the site design to fully address all Drainage Management Areas. No alternative compliance measures are required for this project and thus this Section is not required to be completed.

- Or -

The following Drainage Management Areas are unable to be addressed using LID BMPs. A site-specific analysis demonstrating technical infeasibility of LID BMPs has been approved by the Co-Permittee and included in Appendix 5. Additionally, no downstream regional and/or sub-regional LID BMPs exist or are available for use by the project. The following alternative compliance measures on the following pages are being implemented to ensure that any pollutant loads expected to be discharged by not incorporating LID BMPs, are fully mitigated.

## E.1 Identify Pollutants of Concern

Utilizing Table A.1 from Section A above which noted your project's receiving waters and their associated EPA approved 303(d) listed impairments, cross reference this information with that of your selected Priority Development Project Category in Table E.1 below. If the identified General Pollutant Categories are the same as those listed for your receiving waters, then these will be your Pollutants of Concern and the appropriate box or boxes will be checked on the last row. The purpose of this is to document compliance and to help you appropriately plan for mitigating your Pollutants of Concern in lieu of implementing LID BMPs.

**Table E.1 Potential Pollutants by Land Use Type**

Priority Development Project Categories and/or Project Features (check those that apply)	General Pollutant Categories							
	Bacterial Indicators	Metals	Nutrients	Pesticides	Toxic Organic Compounds	Sediments	Trash & Debris	Oil & Grease
<input type="checkbox"/> Detached Residential Development	P	N	P	P	N	P	P	P
<input type="checkbox"/> Attached Residential Development	P	N	P	P	N	P	P	P <sup>(2)</sup>
<input checked="" type="checkbox"/> Commercial/Industrial Development	P <sup>(3)</sup>	P	P <sup>(1)</sup>	P <sup>(1)</sup>	P <sup>(5)</sup>	P <sup>(1)</sup>	P	P
<input type="checkbox"/> Automotive Repair Shops	N	P	N	N	P <sup>(4, 5)</sup>	N	P	P
<input type="checkbox"/> Restaurants (>5,000 ft <sup>2</sup> )	P	N	N	N	N	N	P	P
<input type="checkbox"/> Hillside Development (>5,000 ft <sup>2</sup> )	P	N	P	P	N	P	P	P
<input type="checkbox"/> Parking Lots (>5,000 ft <sup>2</sup> )	P <sup>(6)</sup>	P	P <sup>(1)</sup>	P <sup>(1)</sup>	P <sup>(4)</sup>	P <sup>(1)</sup>	P	P
<input type="checkbox"/> Retail Gasoline Outlets	N	P	N	N	P	N	P	P
<b>Project Priority Pollutant(s) of Concern</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*P = Potential*

*N = Not Potential*

<sup>(1)</sup> A potential Pollutant if non-native landscaping exists or is proposed onsite; otherwise not expected

<sup>(2)</sup> A potential Pollutant if the project includes uncovered parking areas; otherwise not expected

<sup>(3)</sup> A potential Pollutant is land use involving animal waste

<sup>(4)</sup> Specifically petroleum hydrocarbons

<sup>(5)</sup> Specifically solvents

<sup>(6)</sup> Bacterial indicators are routinely detected in pavement runoff

## E.2 Stormwater Credits

Projects that cannot implement LID BMPs but nevertheless implement smart growth principles are potentially eligible for Stormwater Credits. Utilize Table 3-8 within the WQMP Guidance Document to identify your Project Category and its associated Water Quality Credit. If not applicable, write N/A.

**Table E.2 Water Quality Credits**

Qualifying Project Categories	Credit Percentage <sup>2</sup>
N/A	
<i>Total Credit Percentage<sup>1</sup></i>	

<sup>1</sup>Cannot Exceed 50%

<sup>2</sup>Obtain corresponding data from Table 3-8 in the WQMP Guidance Document

## E.3 Sizing Criteria

After you appropriately considered Stormwater Credits for your project, utilize Table E.3 below to appropriately size them to the DCV, or Design Flow Rate, as applicable. Please reference Chapter 3.5.2 of the WQMP Guidance Document for further information.

**Table E.3 Treatment Control BMP Sizing**

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type	Effective Impervious Fraction, I <sub>f</sub>	DMA Runoff Factor	DMA Area x Runoff Factor		Enter BMP Name / Identifier Here
[A]			[B]	[C]	[A] x [C]		
						<i>Minimum Design Capture Volume or Storm Design Rate (in)</i>	<i>Proposed Volume or Flow on Plans (cubic feet or cfs)</i>
$A_T = \sum [A]$						$\Sigma = [D]$	$[F] = \frac{[D] \times [E]}{[G]} [F] \times (1 - [H]) [I]$

[B], [C] is obtained as described in Section 2.3.1 from the WQMP Guidance Document

[E] is obtained from Exhibit A in the WQMP Guidance Document

[G] is for Flow-Based Treatment Control BMPs [G] = 43,560, for Volume-Based Control Treatment BMPs, [G] = 12

[H] is from the Total Credit Percentage as Calculated from Table E.2 above

[I] as obtained from a design procedure sheet from the BMP manufacturer and should be included in Appendix 6

SEE CALCULATIONS IN APPENDIX 6

## E.4 Treatment Control BMP Selection

Treatment Control BMPs typically provide proprietary treatment mechanisms to treat potential pollutants in runoff, but do not sustain significant biological processes. Treatment Control BMPs must have a removal efficiency of a medium or high effectiveness as quantified below:

- **High:** equal to or greater than 80% removal efficiency
- **Medium:** between 40% and 80% removal efficiency

Such removal efficiency documentation (e.g., studies, reports, etc.) as further discussed in Chapter 3.5.2 of the WQMP Guidance Document, must be included in Appendix 6. In addition, ensure that proposed Treatment Control BMPs are properly identified on the WQMP Site Plan in Appendix 1.

**Table E.4 Treatment Control BMP Selection**

Selected Treatment Control BMP Name or ID <sup>1</sup>	Priority Pollutant(s) of Concern to Mitigate <sup>2</sup>	Removal Efficiency Percentage <sup>3</sup>
Boretention system	Copper	43%
	Zinc	56%
	Oil	87%

<sup>1</sup> Treatment Control BMPs must not be constructed within Receiving Waters. In addition, a proposed Treatment Control BMP may be listed more than once if they possess more than one qualifying pollutant removal efficiency.

<sup>2</sup> Cross Reference Table E.1 above to populate this column.

<sup>3</sup> As documented in a Co-Permittee Approved Study and provided in Appendix 6.

## Section F: Hydromodification

### F.1 Hydrologic Conditions of Concern (HCOC) Analysis

Once you have determined that the LID design is adequate to address water quality requirements, you will need to assess if the proposed LID Design may still create a HCOC. Review Chapters 2 and 3 (including Figure 3-7) of the WQMP Guidance Document to determine if your project must mitigate for Hydromodification impacts. If your project meets one of the following criteria which will be indicated by the check boxes below, you do not need to address Hydromodification at this time. However, if the project does not qualify for Exemptions 1, 2 or 3, then additional measures must be added to the design to comply with HCOC criteria. This is discussed in further detail below in Section F.2.

**HCOC EXEMPTION 1:** The Priority Development Project disturbs less than one acre. The Copermitttee has the discretion to require a Project-Specific WQMP to address HCOCs on projects less than one acre on a case by case basis. The disturbed area calculation should include all disturbances associated with larger common plans of development.

Does the project qualify for this HCOC Exemption?  Y  N

If Yes, HCOC criteria do not apply.

**HCOC EXEMPTION 2:** The volume and time of concentration<sup>1</sup> of storm water runoff for the post-development condition is not significantly different from the pre-development condition for a 2-year return frequency storm (a difference of 5% or less is considered insignificant) using one of the following methods to calculate:

- Riverside County Hydrology Manual
- Technical Release 55 (TR-55): Urban Hydrology for Small Watersheds (NRCS 1986), or derivatives thereof, such as the Santa Barbara Urban Hydrograph Method
- Other methods acceptable to the Co-Permittee

Does the project qualify for this HCOC Exemption?  Y  N

If Yes, report results in Table F.1 below and provide your substantiated hydrologic analysis in Appendix 7.

**Table F.1 Hydrologic Conditions of Concern Summary**

	2 year – 24 hour		
	Pre-condition	Post-condition	% Difference
<b>Time of Concentration</b>			
<b>Volume (Cubic Feet)</b>	INSERT VALUE	INSERT VALUE	INSERT VALUE

<sup>1</sup> Time of concentration is defined as the time after the beginning of the rainfall when all portions of the drainage basin are contributing to flow at the outlet.

**HCOC EXEMPTION 3:** All downstream conveyance channels to an adequate sump (for example, Prado Dam, Lake Elsinore, Canyon Lake, Santa Ana River, or other lake, reservoir or naturally erosion resistant feature) that will receive runoff from the project are engineered and regularly maintained to ensure design flow capacity; no sensitive stream habitat areas will be adversely affected; or are not identified on the Co-Permittees Hydromodification Sensitivity Maps.

Does the project qualify for this HCOC Exemption?       Y       N

If Yes, HCOC criteria do not apply and note below which adequate sump applies to this HCOC qualifier:

Prado Dam is the adequate sump

## F.2 HCOC Mitigation

If none of the above HCOC Exemption Criteria are applicable, HCOC criteria is considered mitigated if they meet one of the following conditions:

- a. Additional LID BMPS are implemented onsite or offsite to mitigate potential erosion or habitat impacts as a result of HCOCs. This can be conducted by an evaluation of site-specific conditions utilizing accepted professional methodologies published by entities such as the California Stormwater Quality Association (CASQA), the Southern California Coastal Water Research Project (SCCRWP), or other Co-Permittee approved methodologies for site-specific HCOC analysis.
- b. The project is developed consistent with an approved Watershed Action Plan that addresses HCOC in Receiving Waters.
- c. Mimicking the pre-development hydrograph with the post-development hydrograph, for a 2-year return frequency storm. Generally, the hydrologic conditions of concern are not significant, if the post-development hydrograph is no more than 10% greater than pre-development hydrograph. In cases where excess volume cannot be infiltrated or captured and reused, discharge from the site must be limited to a flow rate no greater than 110% of the pre-development 2-year peak flow.

Be sure to include all pertinent documentation used in your analysis of the items a, b or c in Appendix 7.

## Section G: Source Control BMPs

Source control BMPs include permanent, structural features that may be required in your project plans — such as roofs over and berms around trash and recycling areas — and Operational BMPs, such as regular sweeping and “housekeeping”, that must be implemented by the site’s occupant or user. The MEP standard typically requires both types of BMPs. In general, Operational BMPs cannot be substituted for a feasible and effective permanent BMP. Using the Pollutant Sources/Source Control Checklist in Appendix 8, review the following procedure to specify Source Control BMPs for your site:

1. **Identify Pollutant Sources:** Review Column 1 in the Pollutant Sources/Source Control Checklist. Check off the potential sources of Pollutants that apply to your site.
2. **Note Locations on Project-Specific WQMP Exhibit:** Note the corresponding requirements listed in Column 2 of the Pollutant Sources/Source Control Checklist. Show the location of each Pollutant source and each permanent Source Control BMP in your Project-Specific WQMP Exhibit located in Appendix 1.
3. **Prepare a Table and Narrative:** Check off the corresponding requirements listed in Column 3 in the Pollutant Sources/Source Control Checklist. In the left column of Table G.1 below, list each potential source of runoff Pollutants on your site (from those that you checked in the Pollutant Sources/Source Control Checklist). In the middle column, list the corresponding permanent, Structural Source Control BMPs (from Columns 2 and 3 of the Pollutant Sources/Source Control Checklist) used to prevent Pollutants from entering runoff. **Add additional narrative** in this column that explains any special features, materials or methods of construction that will be used to implement these permanent, Structural Source Control BMPs.
4. **Identify Operational Source Control BMPs:** To complete your table, refer once again to the Pollutant Sources/Source Control Checklist. List in the right column of your table the Operational BMPs that should be implemented as long as the anticipated activities continue at the site. Copermittee stormwater ordinances require that applicable Source Control BMPs be implemented; the same BMPs may also be required as a condition of a use permit or other revocable Discretionary Approval for use of the site.

**Table G.1** Permanent and Operational Source Control Measures

Potential Sources of Runoff pollutants	Permanent Structural Source Control BMPs	Operational Source Control BMPs
D2.Landscape / Outdoor Pesticide Use	<p>Landscape plans will minimize irrigation and runoff, to promote surface infiltration where appropriate, and to minimize the use of fertilizers and pesticides that can contribute to stormwater pollution.</p> <p>Pest-resistant plants will be used adjacent to hardscape.</p> <p>The landscape plans will consider plants appropriate to the site soils, slopes, climate, sun, wind, rain, land use, air movement, ecological consistency, and plant interactions.</p>	<p>Maintain landscaping only using minimum pesticides, when needed.</p> <p>See Appendix 10 for “Landscape and Gardening” brochure by RCFlood.</p> <p>Provide Integrated Pest Management (IPM) information to new owners, lessees and operators upon occupancy and annually thereafter. IPM is an effective and environmentally sensitive approach to pest management.</p>

Sweeping of sidewalks		This BMP begin upon completion
Food Service	The drain from food facility will be connected to a grease interceptor before discharging to the sanitary sewer.	See the brochure, "The Food Service Industry Best Management Practices for: Restaurants, Grocery Stores, Delicatessens and Bakeries" at <a href="http://rcflood.org/stormwater/">http://rcflood.org/stormwater/</a> This brochure to be provided to new site owners, lessees, and operators.
Refuse Area	The signs will be posted on or near dumpsters with the words "Do not dump hazardous materials here" or similar.	Provide adequate number of receptacles. Inspect receptacles regularly; repair or replace leaky receptacles. Keep receptacles covered. Prohibit/prevent dumping of liquid or hazardous wastes. Post "no hazardous materials" signs. Inspect and pick up litter daily and clean up spills immediately. Keep spill control materials available on-site. See Fact Sheet SC-34, "Waste Handling and Disposal" in the CASQ Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>
Fire Sprinkle test water	fire sprinkler test water drain to the sanitary sewer.	See the note in Fact Sheet SC-41, "Building and Grounds Maintenance," in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>
Roofing, gutters & trims	Avoid roofing, gutters, and trim made of copper or other unprotected metals that may leach into runoff.	This BMP begin upon completion
Plaza, sidewalks & parking lot	P, WQMP Exhibit	Sweep plazas, sidewalks, and parking lots regularly to prevent accumulation of litter and debris. Collect debris from pressure washing to prevent entry into the storm drain system. Collect washwater containing any cleaning agent or degreaser and discharge to the sanitary sewer not to a storm drain.

## Section H: Construction Plan Checklist

Populate Table H.1 below to assist the plan checker in an expeditious review of your project. The first two columns will contain information that was prepared in previous steps, while the last column will be populated with the corresponding plan sheets. This table is to be completed with the submittal of your final Project-Specific WQMP.

**Table H.1 Construction Plan Cross-reference**

BMP No. or ID	BMP Identifier and Description	Corresponding Plan Sheet(s)
DMA1-1	Bioretention	grading plan, WQMP Exhibit
DMA1-2	Bioretention	grading plan, WQMP Exhibit
DMA1-3	Bioretention	grading plan, WQMP Exhibit
DMA1-4	Bioretention	grading plan, WQMP Exhibit
DMA2	Biopod	grading plan, WQMP Exhibit
DMA3	Biopod	grading plan, WQMP Exhibit

Note that the updated table — or Construction Plan WQMP Checklist — is **only a reference tool** to facilitate an easy comparison of the construction plans to your Project-Specific WQMP. Co-Permittee staff can advise you regarding the process required to propose changes to the approved Project-Specific WQMP.

## Section I: Operation, Maintenance and Funding

The Copermitttee will periodically verify that Stormwater BMPs on your site are maintained and continue to operate as designed. To make this possible, your Copermitttee will require that you include in Appendix 9 of this Project-Specific WQMP:

1. A means to finance and implement facility maintenance in perpetuity, including replacement cost.
2. Acceptance of responsibility for maintenance from the time the BMPs are constructed until responsibility for operation and maintenance is legally transferred. A warranty covering a period following construction may also be required.
3. An outline of general maintenance requirements for the Stormwater BMPs you have selected.
4. Figures delineating and designating pervious and impervious areas, location, and type of Stormwater BMP, and tables of pervious and impervious areas served by each facility. Geo-locating the BMPs using a coordinate system of latitude and longitude is recommended to help facilitate a future statewide database system.
5. A separate list and location of self-retaining areas or areas addressed by LID Principles that do not require specialized O&M or inspections but will require typical landscape maintenance as noted in Chapter 5, pages 85-86, in the WQMP Guidance. Include a brief description of typical landscape maintenance for these areas.

Your local Co-Permitttee will also require that you prepare and submit a detailed Stormwater BMP Operation and Maintenance Plan that sets forth a maintenance schedule for each of the Stormwater BMPs built on your site. An agreement assigning responsibility for maintenance and providing for inspections and certification may also be required.

Details of these requirements and instructions for preparing a Stormwater BMP Operation and Maintenance Plan are in Chapter 5 of the WQMP Guidance Document.

**Maintenance Mechanism:** Owners of the property will be responsible to maintain proposed BMPs

Will the proposed BMPs be maintained by a Home Owners' Association (HOA) or Property Owners Association (POA)?

Y       N

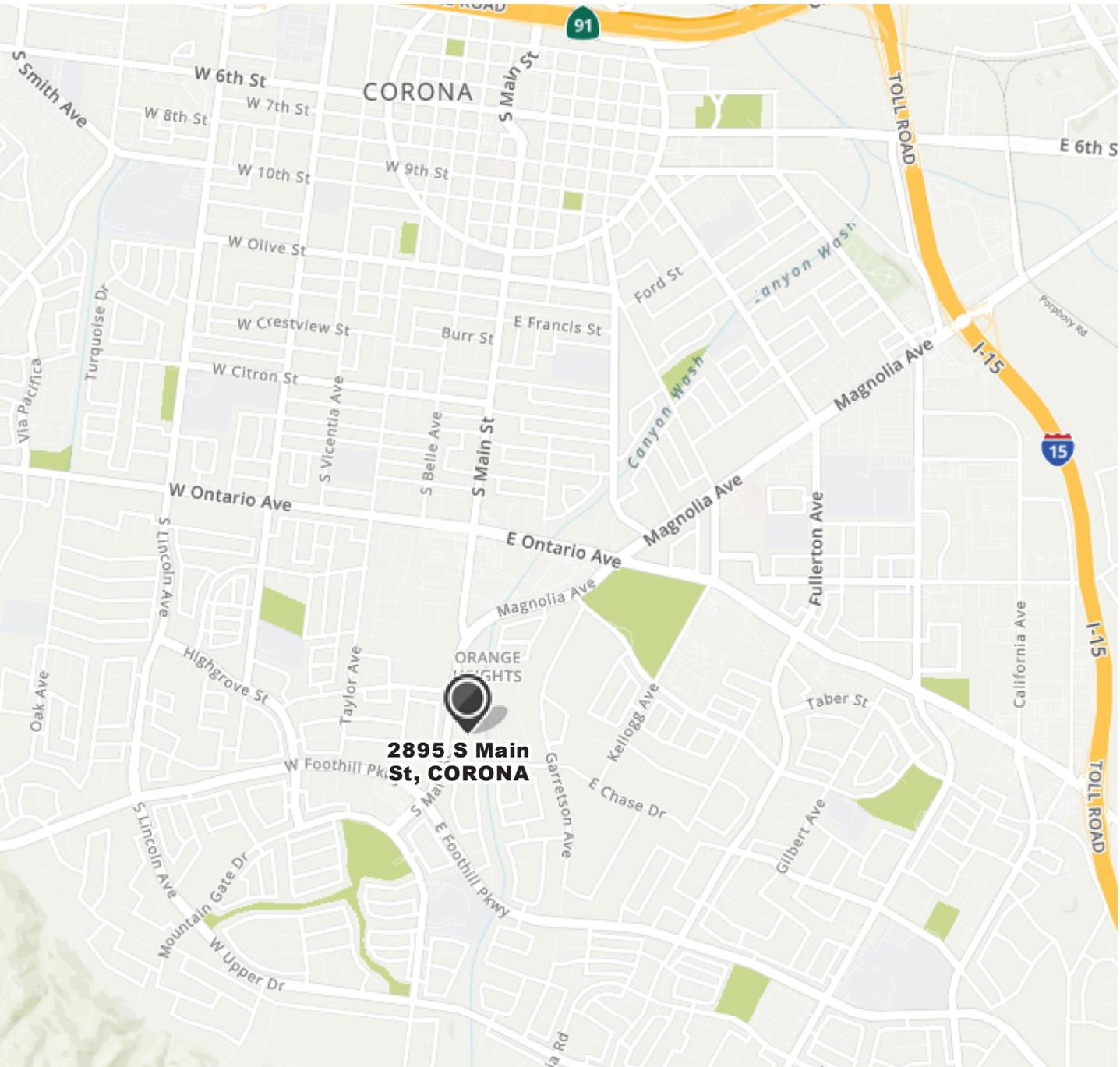
Include your Operation and Maintenance Plan and Maintenance Mechanism in Appendix 9. Additionally, include all pertinent forms of educational materials for those personnel that will be maintaining the proposed BMPs within this Project-Specific WQMP in Appendix 10.

# Appendix 1: Maps and Site Plans

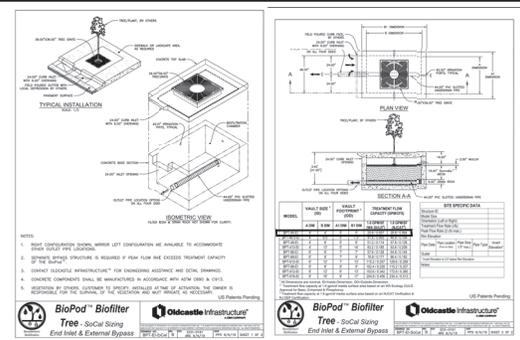
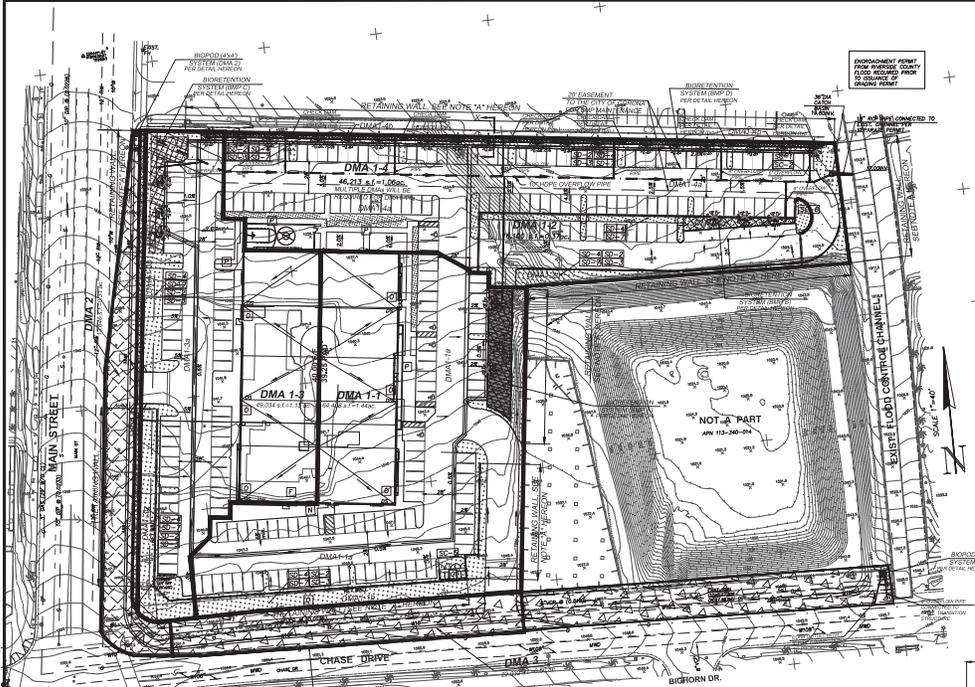
*Location Map, WQMP Site Plan and Receiving Waters Map*

2895 S Main St, CORONA

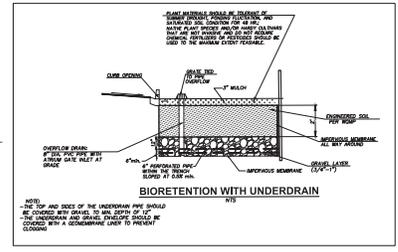
Corona | CA 92882-5942



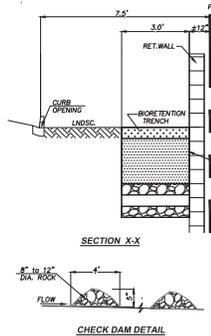




BIOPOD SYSTEM (DMA 2 & DMA3)

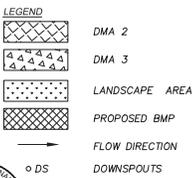


BIORETENTION WITH UNDERDRAIN



SOURCE CONTROL BMPs	
BMP ID	BMP DESCRIPTION
SC-1	PREVENT ILLUOT DISCHARGE INTO MS4- ALL LANDSCAPE AREA (TYP.)
SC-2	STORM DRAIN STENCILING AND STORAGE- ALL CURB CUTS (TYP.)
SC-3	TRASH AND STORAGE AREAS
SC-4	ADDITIONAL BMPs BASED ON POTENTIAL SOURCES OR RUNOFF POLLUTANTS
A	ON-SITE STORM DRAIN INLETS
D	LANDSCAPE/OUTDOOR PESTICIDE USE
F	FOOD SERVICE
R	REFUSE AREA
DI	FIRE SPRINKLER TEST WATER
D	ROOFING, GUTTERS AND TRIM
P	PLAZA, SIDEWALKS AND PARKING LOTS

SITE DESIGN BMPs	
BMP ID	BMP DESCRIPTION
SD-1	CONSERVE NATURAL AREAS, SOILS AND VEGETATION
SD-2	MINIMIZE IMPERVIOUS AREAS
SD-3	MINIMIZE SOIL COMPACTION
SD-4	LANDSCAPE WITH NATIVE OR DROUGHT TOLERANT LANDSCAPING



DMA#s	IMPERVIOUS AREA (s.f.)	PERVIOUS AREA (s.f.)	TOTAL AREA (s.f.)	BMPs	PROPOSED VOLUME (c.f.)	AREA REQUIRED (s.f.)	AREA PROPOSED (s.f.)
DMA1-1	52,548	11,860	64,408	BMP A	3,716	2,965	2,262
DMA1-2	13,095	3,005	16,100	BMP B	927	515	872
DMA1-3	40,524	8,510	49,034	BMP C	2,856	1,651	1,730
DMA1-4	40,393	5,820	46,213	BMP D	2,802	1,557	1,617
TOTAL			175,755				
DMA2 (MAN)	11,211	2,435	13,646				BIOPOD
DMA3 (CHASE)	9,302	12,730	22,032				BIOPOD



## Appendix 2: Construction Plans

*Grading and Drainage Plans*

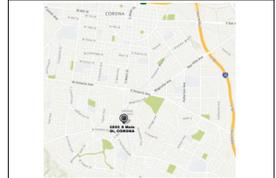
Small scale plans attached. Full scale plans to be enclosed.

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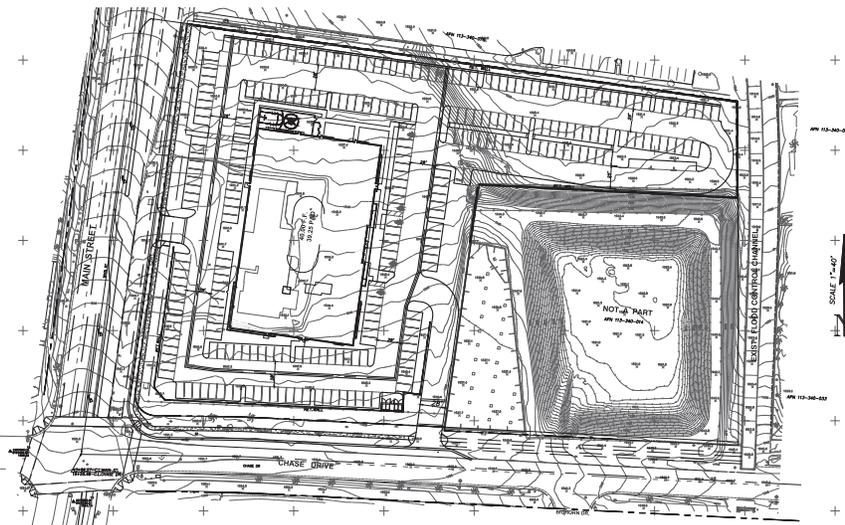
# PRECISE GRADING PLAN

## FITNESS MANIA

### 2895 SOUTH MAIN STREET, CORONA, CA



VICINITY MAP



\* CONTRACTOR TO VERIFY SLAB THICKNESS WITH SOILS ENGINEER AND STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION

#### LEGEND

A.R. AGGREGATE BASE	F.B. FILL BENCH	F. FILL	F.B. PORTLAND CEMENT CONCRETE
A.S. ASPHALT CONCRETE	F.C. FILL CURB	F.C. FILL CURB	F.C. FILL CURB
B. BENCH	F.F. FILL FILL	F.F. FILL FILL	F.F. FILL FILL
C. CONC. CONC.	F.H. FILL HYDRANT	F.H. FILL HYDRANT	F.H. FILL HYDRANT
C.F. CONC. FACE	F.M. FILL MOUND	F.M. FILL MOUND	F.M. FILL MOUND
C.L. CONC. LINE	F.P. FILL PILE	F.P. FILL PILE	F.P. FILL PILE
C.S. CONC. SURFACE	F.R. FILL ROAD	F.R. FILL ROAD	F.R. FILL ROAD
C.D. CONC. DRAIN	F.S. FILL SAND	F.S. FILL SAND	F.S. FILL SAND
C.E. CONC. EDGE	F.T. FILL TYPED	F.T. FILL TYPED	F.T. FILL TYPED
C.F. CONC. FACE	F.U. FILL UNDER	F.U. FILL UNDER	F.U. FILL UNDER
C.L. CONC. LINE	F.V. FILL VALLEY	F.V. FILL VALLEY	F.V. FILL VALLEY
C.S. CONC. SURFACE	F.W. FILL WATER	F.W. FILL WATER	F.W. FILL WATER
C.D. CONC. DRAIN	F.X. FILL EXPOSED	F.X. FILL EXPOSED	F.X. FILL EXPOSED
C.E. CONC. EDGE	F.Y. FILL YARD	F.Y. FILL YARD	F.Y. FILL YARD
C.F. CONC. FACE	F.Z. FILL ZONE	F.Z. FILL ZONE	F.Z. FILL ZONE
C.L. CONC. LINE	F.1. FILL 1	F.1. FILL 1	F.1. FILL 1
C.S. CONC. SURFACE	F.2. FILL 2	F.2. FILL 2	F.2. FILL 2
C.D. CONC. DRAIN	F.3. FILL 3	F.3. FILL 3	F.3. FILL 3
C.E. CONC. EDGE	F.4. FILL 4	F.4. FILL 4	F.4. FILL 4
C.F. CONC. FACE	F.5. FILL 5	F.5. FILL 5	F.5. FILL 5
C.L. CONC. LINE	F.6. FILL 6	F.6. FILL 6	F.6. FILL 6
C.S. CONC. SURFACE	F.7. FILL 7	F.7. FILL 7	F.7. FILL 7
C.D. CONC. DRAIN	F.8. FILL 8	F.8. FILL 8	F.8. FILL 8
C.E. CONC. EDGE	F.9. FILL 9	F.9. FILL 9	F.9. FILL 9
C.F. CONC. FACE	F.10. FILL 10	F.10. FILL 10	F.10. FILL 10
C.L. CONC. LINE	F.11. FILL 11	F.11. FILL 11	F.11. FILL 11
C.S. CONC. SURFACE	F.12. FILL 12	F.12. FILL 12	F.12. FILL 12
C.D. CONC. DRAIN	F.13. FILL 13	F.13. FILL 13	F.13. FILL 13
C.E. CONC. EDGE	F.14. FILL 14	F.14. FILL 14	F.14. FILL 14
C.F. CONC. FACE	F.15. FILL 15	F.15. FILL 15	F.15. FILL 15
C.L. CONC. LINE	F.16. FILL 16	F.16. FILL 16	F.16. FILL 16
C.S. CONC. SURFACE	F.17. FILL 17	F.17. FILL 17	F.17. FILL 17
C.D. CONC. DRAIN	F.18. FILL 18	F.18. FILL 18	F.18. FILL 18
C.E. CONC. EDGE	F.19. FILL 19	F.19. FILL 19	F.19. FILL 19
C.F. CONC. FACE	F.20. FILL 20	F.20. FILL 20	F.20. FILL 20
C.L. CONC. LINE	F.21. FILL 21	F.21. FILL 21	F.21. FILL 21
C.S. CONC. SURFACE	F.22. FILL 22	F.22. FILL 22	F.22. FILL 22
C.D. CONC. DRAIN	F.23. FILL 23	F.23. FILL 23	F.23. FILL 23
C.E. CONC. EDGE	F.24. FILL 24	F.24. FILL 24	F.24. FILL 24
C.F. CONC. FACE	F.25. FILL 25	F.25. FILL 25	F.25. FILL 25
C.L. CONC. LINE	F.26. FILL 26	F.26. FILL 26	F.26. FILL 26
C.S. CONC. SURFACE	F.27. FILL 27	F.27. FILL 27	F.27. FILL 27
C.D. CONC. DRAIN	F.28. FILL 28	F.28. FILL 28	F.28. FILL 28
C.E. CONC. EDGE	F.29. FILL 29	F.29. FILL 29	F.29. FILL 29
C.F. CONC. FACE	F.30. FILL 30	F.30. FILL 30	F.30. FILL 30
C.L. CONC. LINE	F.31. FILL 31	F.31. FILL 31	F.31. FILL 31
C.S. CONC. SURFACE	F.32. FILL 32	F.32. FILL 32	F.32. FILL 32
C.D. CONC. DRAIN	F.33. FILL 33	F.33. FILL 33	F.33. FILL 33
C.E. CONC. EDGE	F.34. FILL 34	F.34. FILL 34	F.34. FILL 34
C.F. CONC. FACE	F.35. FILL 35	F.35. FILL 35	F.35. FILL 35
C.L. CONC. LINE	F.36. FILL 36	F.36. FILL 36	F.36. FILL 36
C.S. CONC. SURFACE	F.37. FILL 37	F.37. FILL 37	F.37. FILL 37
C.D. CONC. DRAIN	F.38. FILL 38	F.38. FILL 38	F.38. FILL 38
C.E. CONC. EDGE	F.39. FILL 39	F.39. FILL 39	F.39. FILL 39
C.F. CONC. FACE	F.40. FILL 40	F.40. FILL 40	F.40. FILL 40
C.L. CONC. LINE	F.41. FILL 41	F.41. FILL 41	F.41. FILL 41
C.S. CONC. SURFACE	F.42. FILL 42	F.42. FILL 42	F.42. FILL 42
C.D. CONC. DRAIN	F.43. FILL 43	F.43. FILL 43	F.43. FILL 43
C.E. CONC. EDGE	F.44. FILL 44	F.44. FILL 44	F.44. FILL 44
C.F. CONC. FACE	F.45. FILL 45	F.45. FILL 45	F.45. FILL 45
C.L. CONC. LINE	F.46. FILL 46	F.46. FILL 46	F.46. FILL 46
C.S. CONC. SURFACE	F.47. FILL 47	F.47. FILL 47	F.47. FILL 47
C.D. CONC. DRAIN	F.48. FILL 48	F.48. FILL 48	F.48. FILL 48
C.E. CONC. EDGE	F.49. FILL 49	F.49. FILL 49	F.49. FILL 49
C.F. CONC. FACE	F.50. FILL 50	F.50. FILL 50	F.50. FILL 50
C.L. CONC. LINE	F.51. FILL 51	F.51. FILL 51	F.51. FILL 51
C.S. CONC. SURFACE	F.52. FILL 52	F.52. FILL 52	F.52. FILL 52
C.D. CONC. DRAIN	F.53. FILL 53	F.53. FILL 53	F.53. FILL 53
C.E. CONC. EDGE	F.54. FILL 54	F.54. FILL 54	F.54. FILL 54
C.F. CONC. FACE	F.55. FILL 55	F.55. FILL 55	F.55. FILL 55
C.L. CONC. LINE	F.56. FILL 56	F.56. FILL 56	F.56. FILL 56
C.S. CONC. SURFACE	F.57. FILL 57	F.57. FILL 57	F.57. FILL 57
C.D. CONC. DRAIN	F.58. FILL 58	F.58. FILL 58	F.58. FILL 58
C.E. CONC. EDGE	F.59. FILL 59	F.59. FILL 59	F.59. FILL 59
C.F. CONC. FACE	F.60. FILL 60	F.60. FILL 60	F.60. FILL 60
C.L. CONC. LINE	F.61. FILL 61	F.61. FILL 61	F.61. FILL 61
C.S. CONC. SURFACE	F.62. FILL 62	F.62. FILL 62	F.62. FILL 62
C.D. CONC. DRAIN	F.63. FILL 63	F.63. FILL 63	F.63. FILL 63
C.E. CONC. EDGE	F.64. FILL 64	F.64. FILL 64	F.64. FILL 64
C.F. CONC. FACE	F.65. FILL 65	F.65. FILL 65	F.65. FILL 65
C.L. CONC. LINE	F.66. FILL 66	F.66. FILL 66	F.66. FILL 66
C.S. CONC. SURFACE	F.67. FILL 67	F.67. FILL 67	F.67. FILL 67
C.D. CONC. DRAIN	F.68. FILL 68	F.68. FILL 68	F.68. FILL 68
C.E. CONC. EDGE	F.69. FILL 69	F.69. FILL 69	F.69. FILL 69
C.F. CONC. FACE	F.70. FILL 70	F.70. FILL 70	F.70. FILL 70
C.L. CONC. LINE	F.71. FILL 71	F.71. FILL 71	F.71. FILL 71
C.S. CONC. SURFACE	F.72. FILL 72	F.72. FILL 72	F.72. FILL 72
C.D. CONC. DRAIN	F.73. FILL 73	F.73. FILL 73	F.73. FILL 73
C.E. CONC. EDGE	F.74. FILL 74	F.74. FILL 74	F.74. FILL 74
C.F. CONC. FACE	F.75. FILL 75	F.75. FILL 75	F.75. FILL 75
C.L. CONC. LINE	F.76. FILL 76	F.76. FILL 76	F.76. FILL 76
C.S. CONC. SURFACE	F.77. FILL 77	F.77. FILL 77	F.77. FILL 77
C.D. CONC. DRAIN	F.78. FILL 78	F.78. FILL 78	F.78. FILL 78
C.E. CONC. EDGE	F.79. FILL 79	F.79. FILL 79	F.79. FILL 79
C.F. CONC. FACE	F.80. FILL 80	F.80. FILL 80	F.80. FILL 80
C.L. CONC. LINE	F.81. FILL 81	F.81. FILL 81	F.81. FILL 81
C.S. CONC. SURFACE	F.82. FILL 82	F.82. FILL 82	F.82. FILL 82
C.D. CONC. DRAIN	F.83. FILL 83	F.83. FILL 83	F.83. FILL 83
C.E. CONC. EDGE	F.84. FILL 84	F.84. FILL 84	F.84. FILL 84
C.F. CONC. FACE	F.85. FILL 85	F.85. FILL 85	F.85. FILL 85
C.L. CONC. LINE	F.86. FILL 86	F.86. FILL 86	F.86. FILL 86
C.S. CONC. SURFACE	F.87. FILL 87	F.87. FILL 87	F.87. FILL 87
C.D. CONC. DRAIN	F.88. FILL 88	F.88. FILL 88	F.88. FILL 88
C.E. CONC. EDGE	F.89. FILL 89	F.89. FILL 89	F.89. FILL 89
C.F. CONC. FACE	F.90. FILL 90	F.90. FILL 90	F.90. FILL 90
C.L. CONC. LINE	F.91. FILL 91	F.91. FILL 91	F.91. FILL 91
C.S. CONC. SURFACE	F.92. FILL 92	F.92. FILL 92	F.92. FILL 92
C.D. CONC. DRAIN	F.93. FILL 93	F.93. FILL 93	F.93. FILL 93
C.E. CONC. EDGE	F.94. FILL 94	F.94. FILL 94	F.94. FILL 94
C.F. CONC. FACE	F.95. FILL 95	F.95. FILL 95	F.95. FILL 95
C.L. CONC. LINE	F.96. FILL 96	F.96. FILL 96	F.96. FILL 96
C.S. CONC. SURFACE	F.97. FILL 97	F.97. FILL 97	F.97. FILL 97
C.D. CONC. DRAIN	F.98. FILL 98	F.98. FILL 98	F.98. FILL 98
C.E. CONC. EDGE	F.99. FILL 99	F.99. FILL 99	F.99. FILL 99
C.F. CONC. FACE	F.100. FILL 100	F.100. FILL 100	F.100. FILL 100

**DECLARATION OF ENGINEER OF RECORD**  
 I HEREBY DECLARE THAT THE DESIGN OF THE IMPROVEMENTS SHOWN ON THESE PLANS COMPLY 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, POLICES, 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 UNWARRANTED 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.

**EARTHWORK ESTIMATE**

CUT	6,000 c.y.
FILL	3,100 c.y.
SHRINKAGE/SUBSIDENCE	2,900 c.y.
<b>BALANCE</b>	<b>0 c.y.</b>

**LEGAL DESCRIPTION**  
 PARCEL 1 OF PARCEL MAP NO. 15824, IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS SHOWN BY MAP ON FILE IN BOOK #1 PAGES 20 AND 26 OF MAPS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

APN 113-340-018  
 -NO EXISTING EASEMENTS ON-SITE

SIGNATURE OF ENGINEER OF RECORD: *HEM TSALYUK*  
 LICENSE NUMBER: 52871  
 DATE: \_\_\_\_\_

PRINT NAME: HEM TSALYUK



- CITY OF CORONA PUBLIC WORKS**  
**GRADING PLAN GENERAL NOTES**
1. A GRADING PLAN FROM THE PUBLIC WORKS DEPARTMENT IS REQUIRED. ALL GRADING SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF CORONA MUNICIPAL CODE, THESE PLANS, SPECIAL INSTRUCTIONS ON THE PERMIT, AND THE PRELIMINARY SOILS REPORT DATED MAY 16, 2020 AND ALL SUBSEQUENT ADDENDUMS.
  2. SOURCE OF TOPOGRAPHY IS BY IFB & ASSOCIATES, INC. DATED 02/21/2022.
  3. A PRE-GRADING MEETING AT THE SITE IS REQUIRED. THE CITY ENGINEER, THE CIVIL ENGINEER, THE SOILS ENGINEER AND THE GRADING CONTRACTOR.
  4. HOURS OF OPERATION ARE 7:00 AM TO 5:00 PM MONDAY THROUGH FRIDAY.
  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, SHOULD BE REVIEWED AND APPROVED BY THE CITY ENGINEER.
  7. REPAIR OR REPLACE ALL EXISTING DAMAGED OR ALTERED PUBLIC IMPROVEMENTS AS REQUIRED BY THE CITY ENGINEER.
  8. ALL SURVEY MONUMENTS SHALL BE PROTECTED AND REPERMANENTED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE REVEALED BY A REGISTERED CIVIL ENGINEER ON A LOCATION LAND SURVEY AT THE DIRECTION OF THE CITY ENGINEER.
  9. PRIOR TO TAPPING WATER FROM A CITY FIRE HYDRANT, THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE CORONA UTILITIES SERVICES TO OBTAIN A FIRE HYDRANT WATER METER. METER LOCATION MAY NOT BE ALTERED WITHOUT UTILITY SERVICES' APPROVAL.
  10. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES OR STRUCTURES ABOVE OR BELOW GROUND, SHOWN OR NOT SHOWN ON THESE PLANS. HE WILL BE HELD RESPONSIBLE FOR ALL DAMAGE TO ANY UTILITIES OR STRUCTURES CAUSED BY HIS OPERATION. ALL UTILITIES SHALL BE PROTECTED AND REPERMANENTED AS REQUIRED BY THE CITY ENGINEER. ALL UTILITIES SHALL BE CLEANED, SAILED, AND ASBESTOS THAT IS THE RESULT OF THIS OPERATION.
  11. EXISTING UTILITIES TO BE PROTECTED PER CITY STANDARDS AND CODES. EXISTING UTILITIES SHALL BE REVEALED BY THE CONTRACTOR PER CITY STANDARDS AND CODES. EXISTING UTILITIES SHALL BE REVEALED BY THE CONTRACTOR PER CITY STANDARDS AND CODES. EXISTING UTILITIES SHALL BE REVEALED BY THE CONTRACTOR PER CITY STANDARDS AND CODES. EXISTING UTILITIES SHALL BE REVEALED BY THE CONTRACTOR PER CITY STANDARDS AND CODES.
  12. AN APPROVED PRELIMINARY GRADING PLAN WILL BE REQUIRED FOR ALL WALLS.
  13. ALL WALLS SHALL BE CONSTRUCTED PER CITY STANDARDS AND CODES. EXISTING UTILITIES SHALL BE REVEALED BY THE CONTRACTOR PER CITY STANDARDS AND CODES. EXISTING UTILITIES SHALL BE REVEALED BY THE CONTRACTOR PER CITY STANDARDS AND CODES. EXISTING UTILITIES SHALL BE REVEALED BY THE CONTRACTOR PER CITY STANDARDS AND CODES.
  14. THE DESIGN CIVIL ENGINEER/SOILS ENGINEER/ENGINEERING GEOLOGIST OF RECORD SHALL EXPLORE SUFFICIENT CONTROL DURING GRADING AND CONSTRUCTION TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE REQUIREMENTS WITHIN THE PLANNED DEVELOPMENT. THE ENGINEER SHALL SUBMIT A WRITTEN CERTIFICATION CONCERNING COMPLIANCE TO THE CITY PRIOR TO THE BEGINNING OF THE PLANNED DEVELOPMENT.
  15. THE CIVIL ENGINEER SHALL SUBMIT WRITTEN CERTIFICATION OF COMPLETION OF SOILS GRADING IN ACCORDANCE WITH THE APPROVED GRADING PLAN AND CERTIFICATION OF FINISHING PAD ELEVATION PRIOR TO ASSASSANCE OF THE FINISHING PAD ELEVATION GRADING TOLERANCE SHALL NOT EXCEED 1/8" IN.
  16. AN AS-BUILT GRADING PLAN SHALL BE SUBMITTED AT THE COMPLETION OF WORK.
  17. ALL GRADING SHALL BE PERFORMED WITHIN THE SUPERVISION OF THE SOILS ENGINEER WHO SHALL CERTIFY THAT ALL FILL HAS BEEN PROPERLY PLACED AND WHO SHALL SUBMIT A FINAL COMPLETION REPORT FOR ALL FILL RIGHT OF WAY.
  18. THE SOILS ENGINEER SHALL, AFTER CLEARING AND PRIOR TO THE PLACEMENT OF FILL IN CANYONS, INSPECT CANYON FOR AREAS OF AVOIDING STABILITY AND TO DETERMINE THE PRECISE LOCATION AND EXTENT OF ANY AREAS OF AVOIDANCE. THE SOILS ENGINEER SHALL REVEAL ALL AREAS OF AVOIDANCE AND CONTROLLED FILL TO THE PLACEMENT OF FILL IN EACH RESPECTIVE CANYON.
  19. FILL DEPTH SHALL BE CLEANED OF ALL WEEDS AND GRASS. SOILS SHALL BE A MINIMUM DEPTH OF 12 INCHES AND SUBSTITUTED BY THE SOILS ENGINEER PRIOR TO THE PLACING OF FILL.
  20. ALL ELECTRICAL MATERIALS, ALL LUMINOUS LIGHTING, AND ALL OTHER GRADING MATERIALS OR EQUIPMENT SHALL BE REMOVED FROM ALL AREAS OF REVEALED FILL.
  21. UNSUITABLE MATERIALS, SUCH AS TOPSOIL, WEATHERED BEDROCK, ETC., SHALL BE REMOVED AS REQUIRED BY SOILS ENGINEER (AND ENGINEERING GEOLOGIST, WHERE APPLICABLE) FROM ALL AREAS TO RECEIVE COMPACTED FILL OR DRAINAGE STRUCTURE.
  22. FILL SHALL BE REMOVED INTO COMPACTED MATERIALS.
  23. WHEN CUT AND FILL ARE PRESENT TO FORM SLOPES, THE SOILS ENGINEER SHALL DETERMINE IF THE BEDROCK IS EXTENSIVELY FRACTURED OR FALTED AND SHALL REVEAL "SHAWNT" WATER TO THE SURFACE OF THE CUT AND FILL. THE SOILS ENGINEER SHALL SUBMIT A WRITTEN CERTIFICATION TO THE CITY ENGINEER PRIOR TO CONSTRUCTION. THE SOILS ENGINEER SHALL INSPECT AND CONTROL THE CONSTRUCTION OF THE SLOPES AND CERTIFY TO THE STABILITY OF THE SLOPES. THE SOILS ENGINEER SHALL SUBMIT A WRITTEN CERTIFICATION TO THE CITY ENGINEER PRIOR TO CONSTRUCTION. THE SOILS ENGINEER SHALL INSPECT AND CONTROL THE CONSTRUCTION OF THE SLOPES AND CERTIFY TO THE STABILITY OF THE SLOPES. TO DETERMINE IF ANY SLOPE STABILITY PROBLEMS EXIST, SOILS ENGINEER SHALL DISCLOSE ANY GEOLOGICAL HAZARDS. THE SOILS ENGINEER SHALL RECOMMEND NECESSARY IMPROVEMENTS TO THE CITY ENGINEER FOR APPROVAL. ALL APPROVALS SHALL BE OBTAINED ON THE BASIS OF WRITTEN CERTIFICATION BY THE ENGINEER.
  24. ALL CUT SLOPES SHALL BE INVESTIGATED, BOTH DURING AND AFTER GRADING BY THE SOILS ENGINEER. THE SOILS ENGINEER SHALL SUBMIT A WRITTEN CERTIFICATION TO THE CITY ENGINEER TO DETERMINE IF ANY SLOPE STABILITY PROBLEMS EXIST, SOILS ENGINEER SHALL DISCLOSE ANY GEOLOGICAL HAZARDS. THE SOILS ENGINEER SHALL RECOMMEND NECESSARY IMPROVEMENTS TO THE CITY ENGINEER FOR APPROVAL. ALL APPROVALS SHALL BE OBTAINED ON THE BASIS OF WRITTEN CERTIFICATION BY THE ENGINEER.
  25. STABILITY CALCULATIONS WITH A SAFETY FACTOR OF AT LEAST ONE AND FIVE TENTHS (1.5) SHALL BE SUBMITTED BY THE SOILS ENGINEER TO THE GOVERNMENT OF PUBLIC WORKS FOR CUT AND FILL SLOPES STEEPER THAN 1 TO 1 OR OVER 30° IN VERTICAL HEAVY.
  26. MINIMUM CUT AND FILL SLOPES = 2 TO 1.
  27. PROFILE 4" WIDE BY 1" HIGH BENCH OR EQUIVALENT ALONG THE TOP OF ALL FILL SLOPES OVER 5' HIGH. EXCEPT WHERE SHOWN OTHERWISE ON PLANS.
  28. ALL SLOPES EXCEPT THOSE WITH A SAFETY FACTOR OF AT LEAST ONE AND FIVE TENTHS (1.5) SHALL BE PLANNED AND COMPLY WITH REQUIREMENTS OF CHAPTER 17 OF THE CORONA MUNICIPAL CODE.
  29. TERRACE DRAINAGE, INTERIOR DRAINAGE AND DOWN DRAINAGE SHALL BE CONSTRUCTED OF 4" P.C.C. OR CASTED CONCRETE WITH 4" x 4" x 1/4" I.B.M. REBAR SHALL BE GRADE 40 RELIEF STEEL, CONFORMING TO ASTM A615.
  30. ALL CONCRETE STRUCTURES SHALL BE CONSTRUCTED WITH 4" x 4" x 1/4" I.B.M. REBAR SHALL BE GRADE 40 RELIEF STEEL, CONFORMING TO ASTM A615.
  31. ALL CONCRETE STRUCTURES SHALL BE CONSTRUCTED WITH 4" x 4" x 1/4" I.B.M. REBAR SHALL BE GRADE 40 RELIEF STEEL, CONFORMING TO ASTM A615.
  32. CONCRETE SHALL BE PRE-WETTED PRIOR TO THE PLACEMENT OF CONCRETE. WASTEWATER LOSS REPAIRMENT SHALL BE USED WHEN REQUIRED BY THE SOILS ENGINEER/CITY ENGINEER.
  33. CITY APPROVAL OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND/OR OMISSIONS OCCURRING DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE CITY ENGINEER FOR APPROVAL.

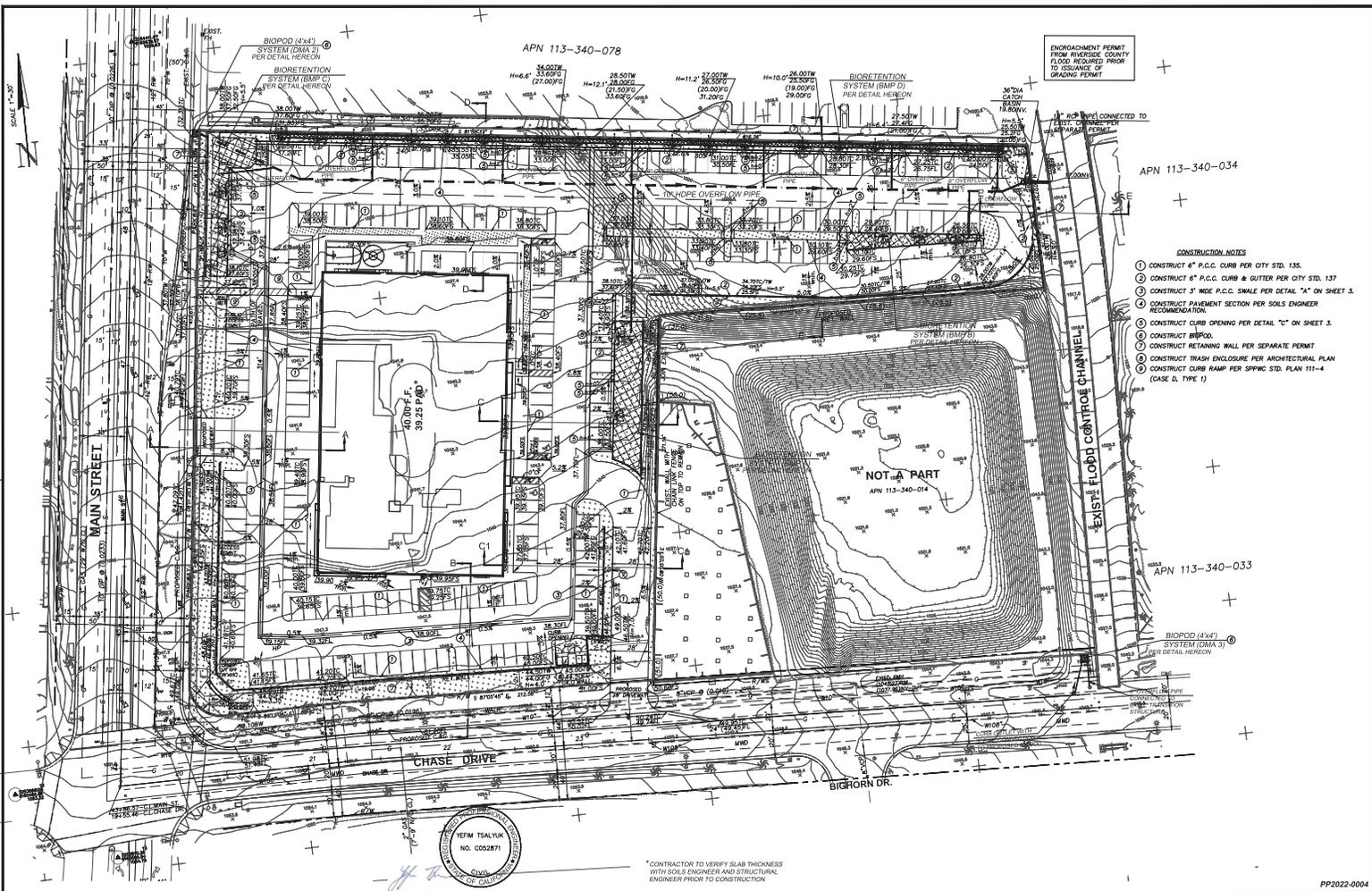
Designed by	Drawn by	Checked by
IFB & ASSOCIATES, INC.	IFB & ASSOCIATES, INC.	IFB & ASSOCIATES, INC.
1705 S. CALIFORNIA BLVD., SUITE 204	1705 S. CALIFORNIA BLVD., SUITE 204	1705 S. CALIFORNIA BLVD., SUITE 204
LOS ANGELES, CA 90007	LOS ANGELES, CA 90007	LOS ANGELES, CA 90007
(800) 797-0483	(800) 797-0483	(800) 797-0483

PLANS PREPARED UNDER SUPERVISION OF	Reference Plans for these Improvements	Date	Scale	BY	REVISIONS	APPROVED
HEM TSALYUK, P.E.			1"=20'			

Approved	CITY OF CORONA	PRECISE GRADING PLAN	Drawing No.
HEM TSALYUK		TITLE SHEET	22
		FITNESS MANIA	
		2895 SOUTH MAIN STREET, CORONA, CA	Sh. 1 of 4

12/14/2022

DATE PLOTTED: 01/10/2022



ENCROACHMENT PERMIT FROM RIVERSIDE COUNTY FLOOD REQUIRED PRIOR TO ISSUANCE OF GRADING PERMIT

- CONSTRUCTION NOTES
- 1) CONSTRUCT 6" P.C.C. CURB PER CITY STD. 135.
  - 2) CONSTRUCT 6" P.C.C. CURB & GUTTER PER CITY STD. 137
  - 3) CONSTRUCT 3" WIDE P.C.C. SIALE PER DETAIL "A" ON SHEET 3.
  - 4) CONSTRUCT PAVEMENT SECTION PER SOLS ENGINEER RECOMMENDATION.
  - 5) CONSTRUCT CURB OPENING PER DETAIL "C" ON SHEET 3.
  - 6) CONSTRUCT BIPOD.
  - 7) CONSTRUCT RETAINING WALL PER SEPARATE PERMIT
  - 8) CONSTRUCT TRASH ENCLOSURE PER ARCHITECTURAL PLAN
  - 9) CONSTRUCT CURB RAMP PER SYMPC STD. PLAN 111-4 (CASE 0, TYPE 1)

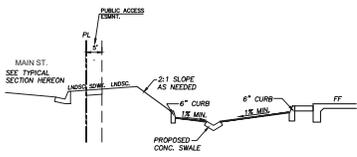
\*CONTRACTOR TO VERIFY SLAB THICKNESS WITH SOLS ENGINEER AND STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.

<p>FITF &amp; ASSOCIATES, INC. 11776 LEO ALAMITOS BLVD., 604 LOS ALAMITOS, CA 90523 (562) 767-8423</p>	Designed by YT	Drawn by YT	Checked by YT	HENCH MARK Engineering Planning Fire	Approved By City Engineer R.E. McGeorge	CITY OF CORONA PRECISE GRADING PLAN FITNESS MANIA 2895 SOUTH MAIN STREET, CORONA, CA	Drawing No. 22
	Date 8.2.22	PLANS PREPARED UNDER SUPERVISION OF YEFIM TSALYUK R.E.C. No. C052871	Reference Plans for Base Improvements Date by REVISOR				Scale 1"=30'

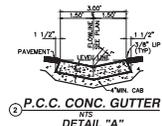
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03/02/2023

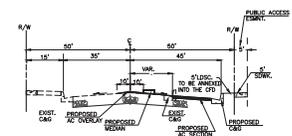
DATE PLOTTED: 01/10



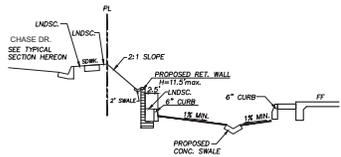
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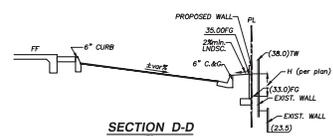
P.C.C. CONC. GUTTER  
DETAIL "A"  
NTS



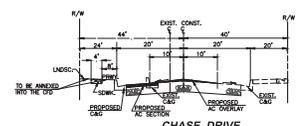
MAIN STREET  
TYPICAL SECTION  
N.T.S.



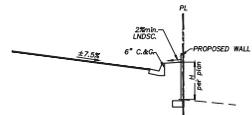
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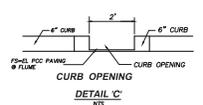
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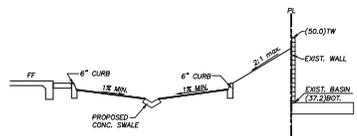
CHASE DRIVE  
TYPICAL SECTION  
N.T.S.



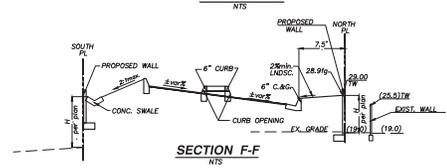
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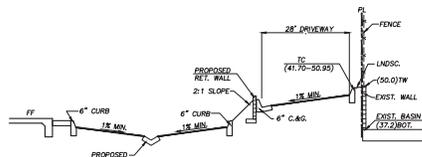
DETAIL "C"  
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SECTION C-C  
NTS



SECTION F-F  
NTS



SECTION C1-C1  
NTS



ITF & ASSOCIATES, INC.  
11279 LOS ALAMITOS BLVD., #104  
LOS ALAMITOS, CA 90720  
(800) 787-8483

Designed by: YT  
Drawn by: YT  
Checked by: YT  
PLANS PREPARED UNDER SUPERVISION OF  
E.E.C. NO. 32871  
Date:

Reference Plans for these improvements: \_\_\_\_\_ Date: \_\_\_\_\_  
REVISIONS: \_\_\_\_\_  
Scale: 1"=20'

ENGINE MARK C-137  
COPY OF CURB LOCATED TO AIN OR 1/2" SET IN  
CORNER RETURN OF INTERSECTION OF MAIN ST. &  
CHASE DR. 6/21/2014

Engineering: \_\_\_\_\_  
Planning: \_\_\_\_\_  
City Engineer: \_\_\_\_\_  
P.E. No. 8098

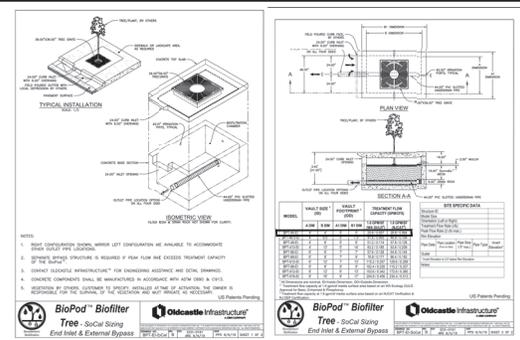
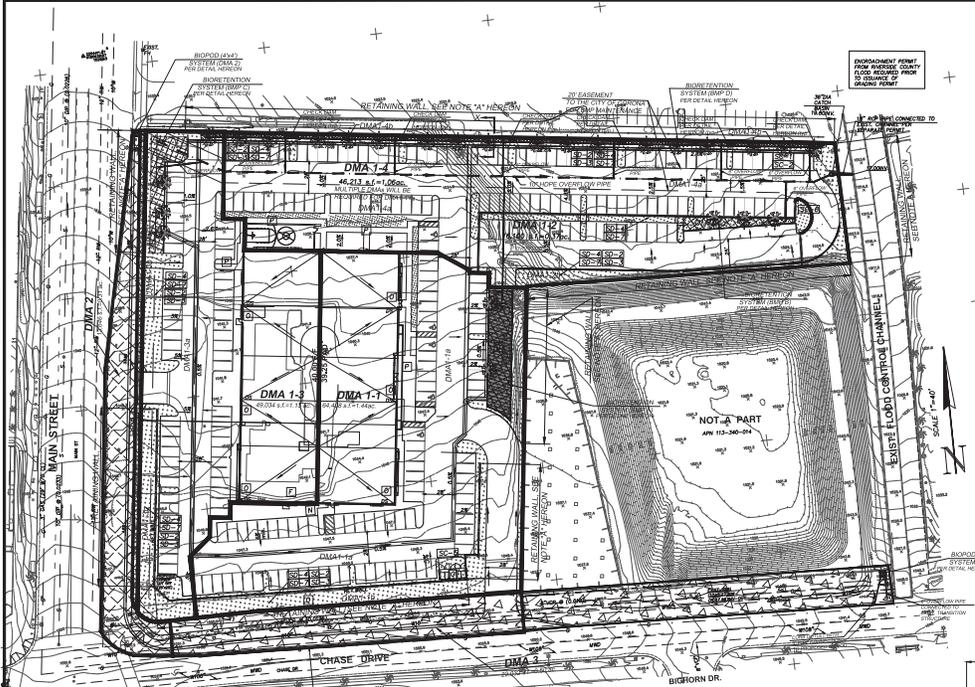
Approved: \_\_\_\_\_  
By: \_\_\_\_\_  
City Engineer: \_\_\_\_\_  
P.E. No. 8098

CITY OF CORONA  
PRECISE GRADING PLAN  
SECTIONS, DETAILS  
FITNESS MANIA  
2895 SOUTH MAIN STREET, CORONA, CA

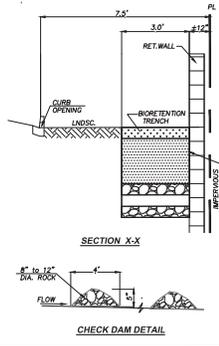
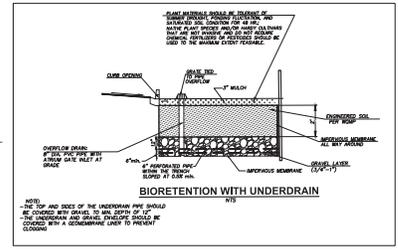
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Drawing No. 22  
Sh. 3 of 4

02/20/2023



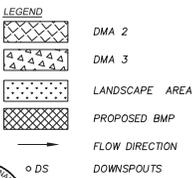


BIOPOD SYSTEM (DMA 2 & DMA3)



SOURCE CONTROL BMPs	
BMP ID	BMP DESCRIPTION
SC-1	PREVENT ILLICIT DISCHARGE INTO MS4 - ALL LANDSCAPE AREA (TYP.)
SC-2	STORM DRAIN STENCILING AND STORAGE - ALL CURB CUTS (TYP.)
SC-3	TRASH AND STORAGE AREAS
SC-4	ADDITIONAL BMPs BASED ON POTENTIAL SOURCES OR RUNOFF POLLUTANTS
A	ON-SITE STORM DRAIN INLETS
D	LANDSCAPE/OUTDOOR PESTICIDE USE
F	FOOD SERVICE
R	REFUSE AREA
DI	FIRE SPRINKLER TEST WATER
D	ROOFING, GUTTERS AND TRIM
P	PLAZA, SIDEWALKS AND PARKING LOTS

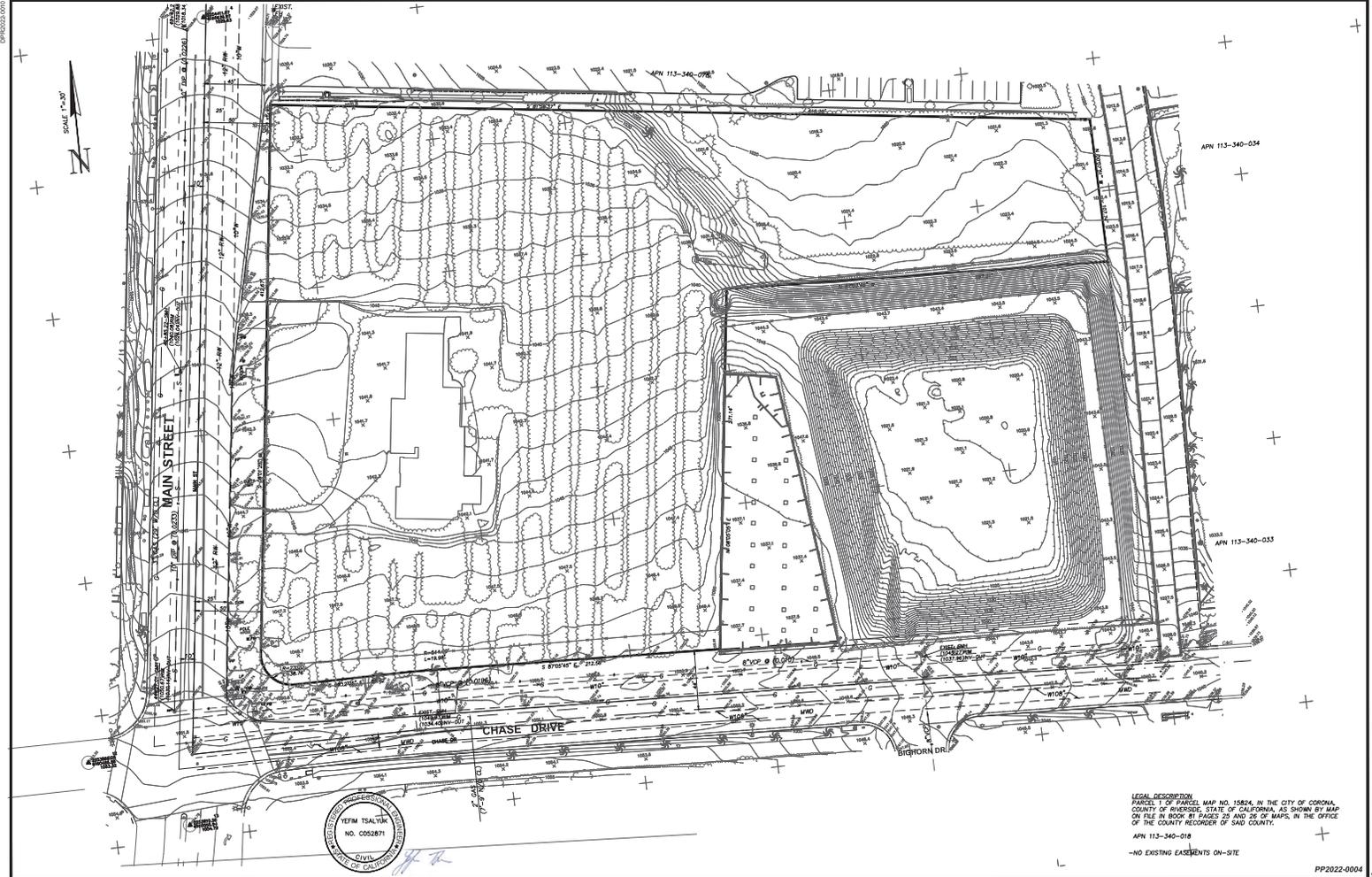
SITE DESIGN BMPs	
BMP ID	BMP DESCRIPTION
SD-1	CONSERVE NATURAL AREAS, SOILS AND VEGETATION
SD-2	MINIMIZE IMPERVIOUS AREAS
SD-3	MINIMIZE SOIL COMPACTION
SD-4	LANDSCAPE WITH NATIVE OR DROUGHT TOLERANT LANDSCAPING



DMA	IMPERVIOUS AREA (s.f.)	PERVIOUS AREA (s.f.)	TOTAL AREA (s.f.)	BMPs	PROPOSED VOLUME (c.f.)	AREA REQUIRED (s.f.)	AREA PROPOSED (s.f.)
DMA1-1	52,548	11,860	64,408	BMP A	3,716	2,965	2,262
DMA1-2	13,095	3,005	16,100	BMP B	927	515	872
DMA1-3	40,524	8,510	49,034	BMP C	2,856	1,651	1,730
DMA1-4	40,393	5,820	46,213	BMP D	2,802	1,557	1,617
TOTAL			175,755				
DMA2 (MAN)	11,211	2,435	13,646				BIOPOD
DMA3 (CHASE)	9,302	12,730	22,032				BIOPOD







TFF & ASSOCIATES, INC.  
 11205 LISA ALAMITOS BLVD., #154  
 LOS ALAMITOS, CA 90703  
 (949) 767-9483

Designed by: YF  
 Drawn by: YF  
 Checked by: YF  
 PLANS PREPARED UNDER SUPERVISION OF  
 YEFIM TSAI, P.E.  
 R.C.E. No. 52871

Reference Plans for  
 Make Improvements  
 Date: 05/20/20  
 By: REYBONS

BENCH MARK  
 122.9  
 Scale: 1"=20'

Engineering  
 Planning  
 File  
 Approved By: [Signature]  
 Civil Engineer  
 P.C.E. No. 6099

CITY OF CORONA  
 TOPOGRAPHIC SURVEY  
 FITNESS MANIA  
 2895 SOUTH MAIN STREET, CORONA, CA

Drawing No. 224  
 Sheet 1 of 1  
 12/15/2020

# Appendix 3: Soils Information

*Geotechnical Study and Other Infiltration Testing Data*

# **GEO-ETKA, INC.**

Established 1965

**Soil Engineering and Geology  
Material Testing and Inspections**



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1801 East Heim Avenue, Suite 202, Orange, California 92865 • Phone (714) 771-6911 • Email: [geoetka@aol.com](mailto:geoetka@aol.com)

## **PRELIMINARY SOIL INVESTIGATION REPORT**

**FOR**

**PROPOSED FITNESS MANIA  
2895 SOUTH MAIN STREET  
CORONA, CALIFORNIA 92881**

**FOR**

**BALBAS CONSTRUCTION, INC.  
ATTN: MR. JOE BALBAS  
3189 AIRWAY AVENUE, UNIT D  
COSTA MESA, CALIFORNIA 92626**

**Date: December 20, 2022  
Project No: FP-11936-22**

# **GEO-ETKA, INC.**

Established 1965

**Soil Engineering and Geology  
Material Testing and Inspections**



---

1801 East Heim Avenue, Suite 202, Orange, California 92865 • Phone (714) 771-6911 • Email: geoetka@aol.com

December 20, 2022

Balbas Construction, Inc.  
3189 Airway Avenue, Unit D  
Costa Mesa, California 92626

Attention: Mr. Job Balbas:

Subject: Preliminary Soil Investigation Report  
Geo-Etka, Inc. Job No.: FP-11936-22

Project: Proposed Fitness Mania  
2895 South Main Street, Corona, California 92881

Dear Mr. Balbas,

In accordance with your authorization, we have performed a preliminary soil investigation at the subject site. The accompanying report presents a summary of our findings, recommendations, and limitation of work for the proposed site development.

The primary purpose of this investigation and report is to provide an evaluation of the existing geotechnical conditions at the site as they relate to the design and construction of the proposed development. More specifically, this investigation was to address geotechnical conditions for the preliminary design of the proposed building's foundation.

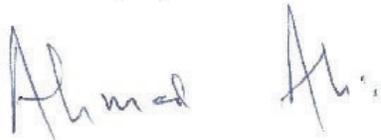
Based on the results of our investigation, the proposed development is feasible from a geotechnical standpoint and it is our professional opinion that the proposed development will not be subject to a hazard from settlement, slippage, or landslide, provided the recommendations of this report are incorporated into the proposed development. It is also our opinion that the proposed development will not adversely affect the geologic stability of the site or adjacent properties provided the recommendations contained in this report are incorporated into the proposed construction.

Questions, if any, regarding this report should be directed to our office.

Respectfully submitted,  
**GEO-ETKA, INC.**



Ghayas A. Khan, P. E.  
Civil Engineer, C-038344  
Expires 3-31-23



Ahmed Ali, President  
MS, REA

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Figure 1	Site Location Map
Figure 2	Regional Geologic Map
Figure 3	Regional Fault Map
Plate 1	Exploratory Borehole Location Map
Plate 2	Slot Cut Calculation
Plate 3	Retaining Wall Surcharge Detail
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**APPENDIX:**

Appendix A	References
Appendix B	Geotechnical Boring Logs
Appendix C	Laboratory Test Results
Appendix D	2019 CBC Seismic Design Parameters
Appendix E	General Earthwork and Grading Specifications
Appendix F	Field Infiltration Test Data

## 1.0 INTRODUCTION

### 1.1 EXISTING SITE CONDITIONS

The subject site is located on the northeast corner of S. Main Street and E. Chase Drive, in the City of Corona, California. Currently, access on site is limited to two openings in the chain link fence along Chase Drive and a driveway entrance on Main Street. Main Street is a paved road with existing concrete curb and gutter and Chase Drive is a paved road without concrete curb and gutter improvements. The geographical relationship of the site and surrounding vicinity is shown on the Site Location Map, Figure 1.

The site is a flag-shaped lot. There is an existing single-family residence onsite with attached garage and associated concrete hardscape driveway. The remainder of the site is generally covered in citrus groves.

### 1.2 PROPOSED DEVELOPMENT

According to the Site Plan prepared by Knitter Partners International, Inc. (Sheet A-0.01, December 1, 2022), the site is proposed for a two-story, gymnasium building for Fitness Mania. We have not been provided with foundation plans but we assume that the structure will be supported on conventional shallow concrete foundations and slab-on-grade. Continuous wall loads are not expected to exceed **10 kips** per linear foot and isolated column loads of up to **400 kips**.

Once the design phase and foundation loading configuration proceeds to a more finalized plan, the recommendations within this report should be reviewed and revised, if necessary. Any changes in the design, location or elevation of any structure, as outlined in this report, should be reviewed by this office. GEOETKA, Inc. should be contacted to determine the necessity for review and possible revision of this report.

### 1.3 FIELD WORK

Access through the grove is difficult for drilling rig without damaging tree branches; as instructed. An attempt was made to drill four exploratory boreholes. Exploratory boreholes were drilled up to 15 feet below ground surface on February 5, 2022 utilizing a CME-45 mobile drill rig equipped with 6-inch diameter hollow stem augers, refer to Plate 1 for borehole locations. Relatively undisturbed samples were obtained utilizing the California Ring Sampler (ASTM D 1587). Additional representative samples have been recovered with the SPT (Standard Penetration Test, ASTM D 1586) sampler. Bulk samples were also collected from the auger cuttings during drilling. The samples were collected in plastic bags, tied, and tagged for the location and depth. The geotechnical boring logs are presented in Appendix B and may include a description and classification of each stratum, sample locations, blow counts, groundwater conditions encountered during drilling, results from selected types of laboratory tests, and drilling information.

### 1.4 LABORATORY TESTING

Laboratory tests were performed on selected soil samples. The tests consisted primarily of the following:

- Moisture Content (ASTM D2216)
- Dry Density (ASTM D2937)
- Atterberg Limits (ASTM D4318)
- Sieve Analysis (ASTM C136)
- Direct Shear (ASTM D3080)
- Expansion Index (ASTM D4829)
- Hydrocollapse (ASTM D4546, Method B)
- Soluble Sulfate Content (Extinction/Turbidimetric Method)

The soil classifications are in conformance with the Unified Soil Classifications System (USCS), as outlined in the Classification and Symbols Chart (Appendix B). A summary of our laboratory testing, ASTM designation, and graphical presentation of test results is presented in Appendix C.

## 2.0 GEOTECHNICAL CONDITIONS

### 2.1 REGIONAL GEOLOGIC FINDINGS

Based on the Geologic Map of the Corona South 7.5' quadrangle (USGS, Open-File Report OF-02-21) the site is located in an area mapped as younger alluvial-fan deposits (Qyf), see Figure 2. Alluvium is weathered bedrock material and sediments that have been eroded from natural slopes and deposited in generally flat lying areas.

#### 2.1.1 Surface Fault Rupture

There are no mapped active or potentially active faults with surface expression that trend through or are adjacent to the subject property, according to those references cited herein. The site does not lie within a designated Alquist-Priolo Earthquake Fault Zone (CDMG, 2000). According to the California Department of Conservation, Fault Activity Map of California 2010, the site is located approximately 1 mile northeast of the Elsinore fault zone, see Figure 3.

The subject site, as is the case with most of the tectonically-active California area, will be periodically subject to moderate to intense earthquake-induced ground shaking from nearby faults. Significant damage can occur to the site and structural improvements during a strong seismic event. Neither the location nor magnitude of earthquakes can accurately be predicted at this time.

#### 2.1.2 Liquefaction Potential

Liquefaction is a soil strength and stiffness loss phenomenon that typically occurs in loose, saturated cohesionless soils as a result of strong ground shaking during earthquakes. The potential for liquefaction at a site is usually determined based on the results of a subsurface geotechnical investigation and the groundwater conditions beneath the site. Hazards to buildings associated with liquefaction include bearing capacity failure, lateral spreading, and differential settlement of soils below foundations, which can contribute to structural damage or collapse.

According to the City of Corona General Plan, the site is located within an area considered to have a low potential for liquefaction. Therefore, the potential for liquefaction associated ground deformation (seismic settlement and differential compaction) beneath the site is considered very low.

### 2.2 SUBSURFACE CONDITIONS

Detailed logs of the exploratory excavations are presented in Appendix B of this report. The earth materials encountered within the exploratory excavations are generally described below.

Based on our exploratory boreholes, the site soil generally consists of at least five feet mantle of soil classified as silty sand with gravel (USCS "SM"). This material is underlain with fine and coarse grained soil sandy lean clay (USCS "CL"), sand with silt and gravel (USCS "SWSM"), and silty gravel with sand (USCS "GM"). All exposed soil were moist. The density ranged from moderately dense to very dense and moderately firm to very firm. The fine grained soil is moderately cohesive and considered expansive. No groundwater was encountered.

#### 2.2.1 Cal/OSHA Soil Type & Caving Potential

The subsurface soil expected to be encountered during site development may be classified as "Soil Type B" per the California Occupational Safety and Health Administration (Cal/OSHA). Caving of the exploratory borings did not occur. Due to the presence of apparent cohesion encountered within the boreholes, caving is not expected to be a major concern during site development.

## 2.2.2 Expansive Soil

Expansive soils are characterized by their ability to undergo significant volume changes (shrink or swell) due to variations in moisture content. Changes in soil moisture content can result from precipitation, landscape irrigation, utility leakage, roof drainage, perched groundwater, drought, or other factors and may result in unacceptable settlement or heave of structures or concrete slabs supported on grade.

Based on laboratory classification and testing, the soil onsite is expected to have a very low to low expansion potential (EI=37), as defined in ASTM D4829. This would require verification subsequent to completion of new footing excavations.

## 2.2.3 Corrosive Soil

To preliminarily assess the sulfate exposure of concrete in contact with the site soils, a representative soil sample was tested for water-soluble sulfate content. The test results suggest the site soils have a potential for sulfate attack (0.06 percent) based on commonly accepted criteria. We recommend following the procedures provided in ACI 318-19, Section 19.3, Table 19.3.2.1 for exposure “S0”. We also recommend Type II cement for all concrete work in contact with soil.

Ferrous metal pipes should be protected from potential corrosion by bituminous coating, etc. We recommend that all utility pipes be nonmetallic and/or corrosion resistant. Recommendations should be verified by soluble sulfate and corrosion testing of soil samples obtained from specific locations at the completion of rough grading.

## 2.2.4 Collapsible Soil

Soil hydroconsolidation (hydro-collapse) is a phenomenon that results in relatively rapid settlement of soil deposits due to addition of water. This generally occurs in soils having a loose particle structure cemented together with soluble minerals or with small quantities of clay. Water infiltration into such soils can break down the interparticle cementation, resulting in collapse of the soil structure. Collapsible soils are found primarily in Holocene alluvial fan deposits.

A soil sample, representing the upper alluvial soil, was tested in the laboratory for collapse potential. Test results indicate that less than 1% of hydro-collapse occurred in the tested samples. Therefore, the severity of hydrocollapse potential onsite is considered “No Problem” based on NAVFAC DM7.01, see Appendix C for Results.

## 2.3 GROUNDWATER

Groundwater study is not within the scope of this work. Groundwater was not encountered in our exploratory borehole excavated onsite to a depth of 15 feet below ground surface.

Historical groundwater elevations were researched using the California Department of Water Resources, Water Data Library (WDL) Station Map and the USGS, National Water Information System interactive webpages and no pertinent groundwater information was available for the subject site or adjacent properties.

Please note that the potential for rain or irrigation water locally seeping through from elevated areas and showing up near grades cannot be precluded. Our experience indicates that surface or near-surface groundwater conditions can develop in areas where groundwater conditions did not exist prior to site development, especially in areas where a substantial increase in surface water infiltration results from landscape irrigation. Fluctuations in perched water elevations are likely to occur in the future due to variations in precipitation, temperature, consumptive uses, and other factors including mounding of perched water over bedrock or natural soil. Mitigation for nuisance shallow seeps moving from elevated lower areas will be needed if encountered. These mitigations may include subdrains, horizontal drains, toe drains, french drains, heel drains or other devices.

## 2.4 SEISMIC DESIGN PARAMETERS

Based on current standards, the proposed development is expected to be designed in accordance with the requirements of the 2019 California Building Code (CBC). The 2019 California Building Code (CBC) provides procedures for earthquake resistant structural design that include considerations for on-site soil conditions, occupancy, and the configuration of the structure including the structural system and height.

Based on the soils encountered in the exploratory borehole within the subject site and with consideration of the geologic units mapped in the area, it is our opinion that the site soil profile corresponds to Site Class D in accordance with Section 1613.2.2 of the California Building Code (CBC 2019) and Chapter 20 of ASCE/SEI 7-16.

We have downloaded the seismic design parameters in accordance with the provisions of the current California Building Code (CBC, 2019) and ASCE/SEI 7-16 Standard using the Structural Engineers Association of California, OSHPD Seismic Design Maps Web Application (<https://seismicmaps.org>). The mapped seismic parameters are attached to this report in Appendix D.

The 2019 CBC is based on the guidelines contained within ASCE 7-16 which stipulates that where  $S_1$  is greater than 0.2 times gravity ( $g$ ) for Site Class D, a ground motion hazard analysis is needed unless the seismic response coefficient ( $C_s$ ) value will be calculated as outlined in Section 11.4.8, Exception 2. Assuming the  $C_s$  value will be calculated as outlined in Section 11.4.8, Exception 2, we recommend the following seismic design parameters.

Parameter	ASCE 7-16	2019 CBC	Coefficient	Value
0.2-second Period MCE	Figure 22-1	Figure 1613.2.1(1)	$S_s$	2.350
1.0-second Period MCE <sub>R</sub>	Figure 22-2	Figure 1613.2.1(2)	$S_1$	0.905
Soil Site Class	Figure 20.3-1	Section 1613.2.2	Site Class	D
Site Coefficient	Figure 11.4-1	Section 1613.2.3(1)	$F_a$	1.200
Site Coefficient	Figure 11.4-2	Section 1613.2.3(2)	$F_v$	1.700*
Adjusted MCE Spectral Response Parameters	Equation 11.4-1	Equation 16-36	$S_{MS}$	2.820
	Equation 11.4-2	Equation 16-37	$S_{M1}$	1.539*
Design Spectral Acceleration Parameters	Equation 11.4-3	Equation 16-38	$S_{DS}$	1.880
	Equation 11.4-4	Equation 16-39	$S_{D1}$	1.026*

\*The values provided are valid provided the requirements in Exception Note No. 2 in Section 11.4.8 of ASCE 7-16 are met. If not, a site specific ground motion hazard analysis will be required.

## 3.0 TENTATIVE RECOMMENDATIONS

### 3.1 GENERAL EARTHWORK RECOMMENDATIONS

The following recommendations are provided regarding aspects of the anticipated earthwork construction. These recommendations should be considered subject to revision based on additional geotechnical evaluation of the conditions observed by the Geotechnical Engineer during grading operations. All grading should be performed in accordance with our General Earthwork and Grading Specifications presented in Appendix E except as modified within the text of this report.

#### 3.1.1 Site Clearing, Grubbing and Fill Removal

All debris, undocumented fill, abandoned utility lines, concrete slab, roots, irrigation appurtenances, underground structures, storage tanks, deleterious materials, etc., should be removed from structural fill areas and hauled offsite. Cavities created during site clearance should be backfilled in a controlled manner.

#### 3.1.2 Moisture Content

Based on our experience in south Corona, soil moisture content on properties that was supporting groves is elevated. Rough grading should be conducted at  $\pm 2$  percent from optimum moisture. Drying back soils prior to its use as engineered fill should be anticipated. The contractor is responsible for moisture control. Methods such as aeration, mixing wet soils with drier soils, or the use of aggregate base and a geotextile stabilization fabric may be required to achieve a stable condition. The contractor will be required to treat wet, unstable soils to obtain the compaction requirements and to achieve stable soil conditions.

#### 3.1.3 Building Pad Preparation

In order to provide adequate support for the proposed structure, the building pad should be overexcavated to a depth of at least 5 feet below existing grade and at least 2 feet below the proposed footings, whichever is greater. The lateral extent of overexcavation should be at least 5 feet, where achievable.

Once the bottom of the excavation is observed by a representative of this firm to be in competent native soil, the bottom of the overexcavation should be scarified, moisture conditioned, and recompacted to at least 90 percent of the maximum dry density, as determined by ASTM D1557 Test Method; prior to placement of fill. Deeper overexcavation, especially to remove loose soils, fill, or deleterious material, may be required depending upon field observations of excavation bottom by the soil engineer or his representative.

#### 3.1.4 Trench Backfill

All utility trench backfills should be mechanically compacted to the minimum requirements of at least 90 percent relative compaction. Onsite soils derived from trench excavations can be used as trench backfill except for deleterious materials. Soils with sand equivalent greater than 30 may be utilized for pipe bedding and shading. Pipe bedding should be required to provide uniform support for piping. Excavated material from footing trenches should not be placed in slab-on-grade areas unless properly compacted and tested.

#### 3.1.5 Compacted Fills/Imported Soils

Any soil to be placed as fill, whether presently onsite or import, should be approved by the soil engineer or his representative prior to their placement. All onsite soils to be used as fill should be cleansed of any roots, or other deleterious materials. Rocks larger than 12-inches in diameter should be removed from soil to be used as compacted fill.

All fills should be placed in 6- to 8-inch loose lifts, thoroughly watered, or aerated to near optimum moisture content, mixed and compacted to at least 90 or 95 percent relative compaction depending on the material (subgrade soil or aggregate base) and application (pavement subgrade, building pad, etc.). This is relative to the maximum dry density determined by ASTM D1557 Test Method.

Any imported soils should be sandy (preferably USCS "SM" or "SW", and very low in expansion potential) and approved by the soil engineer. The soil engineer or his representative should observe the placement of all fill and take sufficient tests to verify the moisture content and the uniformity and degree of compaction obtained.

### **3.2 TEMPORARY EXCAVATIONS**

All excavation slopes and shoring systems should meet the minimum requirements of the Occupational Safety and Health (OSHA) Standards. Maintaining safe and stable slopes on excavations is the responsibility of the contractor and will depend on the nature of the soils and groundwater conditions encountered and his method of excavation. Excavations during construction should be carried out in such a manner that failure or ground movement will not occur. The contractor should perform any additional studies deemed necessary to supplement the information contained in this report for the purpose of planning and executing his excavation plan.

#### **3.2.1 Excavation Characteristics**

The soil onsite is generally composed of younger alluvium which is not expected to exhibit difficult excavation resistance for conventional grading and trenching equipment in good working condition.

#### **3.2.2 Safe Vertical Cuts**

Temporary un-surcharged excavations of 4 feet high may be made at a vertical gradient for short periods of time. Temporary un-surcharged excavations greater than 4 feet may be trimmed back at 1H:1V gradients to a maximum height of 10 feet. Exposed excavation conditions should be verified by the project geotechnical engineer during construction. No excavations should take place without the direct supervision of the project geotechnical engineer. If potentially unstable soil conditions are encountered, modifications of slope ratios for temporary cuts may be required.

#### **3.2.3 Excavation Setbacks**

No excavations should be conducted, without special considerations, along property lines, public right-of-ways, or existing foundations, where the excavation depth will encroach within the "zone of influence". The "zone of influence" of the existing footings, property lines, or public right-of-way may be assumed to be below a 45-degree line projected down from the bottom edge of the footing, property line, or right-of-way.

#### **3.2.4 Slot-Cut Excavations**

Where excavations encroach within a 45-degree line projected down from the property line at ground surface, A-B-C slot cut excavations should be utilized. Slot cut excavations (refer to Plate 2) may be conducted onsite to a maximum width and height of 20 feet and 12 feet, respectively. No excavations should take place without the direct supervision of the project geotechnical engineer. If potentially unstable soil conditions are encountered, modifications of slope ratios for temporary cuts may be required.

### **3.3 FOUNDATION RECOMMENDATIONS**

The proposed building may be supported on conventional shallow foundations deriving support in compacted fill. All foundation excavations must be observed and approved by the Geotechnical Engineer's representative, prior to placing steel reinforcement or concrete.

#### **3.3.1 Bearing Capacity**

Spread and continuous foundations carried at least 24-inches below the lowest adjacent grade may be designed to impose a net dead-plus-live load pressure of 2000 psf. The bearing capacity may be increased 15 percent for every additional foot of embedment. A one-third increase may be used for wind or seismic loads.

### 3.3.2 Lateral Resistance

Resistance to lateral footing will be provided by passive earth pressure and base friction. For footings bearing against firm native material, passive earth pressure may be considered to be developed at a rate of 240 psf per foot of depth to a maximum of 2000 psf. Base friction may be computed at 0.35 times the normal load. If passive earth pressure and friction are combined to provide required resistance to lateral forces, the value of the passive pressure should be reduced to two-thirds the value.

### 3.3.3 Settlement

The onsite soils below the foundation depth have relatively high strengths and will not be subject to significant stress increases from foundations of the new structure. Therefore, estimated total long-term static and seismic settlement between similarly loaded adjacent foundation systems should not exceed 1-inch. The structures should be designed to tolerate a differential settlement on the order of 1/2-inch over a 30-foot span.

### 3.3.4 Reinforcement

Footing reinforcement should be determined by the structural engineer; however, minimum reinforcement should be at least two No. 5 reinforcing bars, top and bottom. Reinforcement and size recommendations presented in this report are considered the minimum necessary for the soil conditions present at the foundation level and are not intended to supersede the design of the project structural engineer or criteria of the governing agencies for the project.

## 3.4 SLABS-ON-GRADE

Office slabs should be at least 4-inches thick. Warehouse/storage slabs and slabs subject to traffic should be at least 6-inches thick. Slab-on-grade reinforcement should be at least No. 4 bars at 16-inches on-center both ways, properly centered in mid thickness of slabs. The structural engineer should design the actual slab thickness and reinforcement based on structural load requirements.

### 3.4.1 Modulus of Subgrade Reaction

A coefficient of vertical subgrade reaction ( $K_v$ ) of 150 psi/in may be assumed for the building pad compacted fill soils. The modulus of subgrade reaction was estimated based on the NAVFAC 7.1 design charts. This value is for a small loaded area (1 sq. ft or less) such as for wheel loads or point loads and should be adjusted for larger loaded areas, as necessary.

### 3.4.2 Capillary Break / Vapor Membrane / Expansive Soil Mitigation

If vinyl or other moisture-sensitive floor coverings are planned, we recommend that the floor slab in those areas be underlain by a vapor membrane and capillary break consisting of a minimum 10-mil vapor-retarding membrane over a 6-inch thick layer of clean sand. The 6-inch thick layer of sand should be placed between the subgrade soil and the membrane to decrease the possibility of damage to the membrane.

### 3.4.3 Slab Curling Precautions

A low-slump concrete should be used to minimize possible curling of the slab. Additionally, a layer of sand may be placed over the vapor retarding membrane to reduce slab curling. If this sand bedding is used, care should be taken during the placement of the concrete to prevent displacement of the sand. However, the need for sand and/or the thickness of sand above the moisture vapor barrier should be specified by the structural engineer or concrete contractor. The selection of sand above the barrier is not a geotechnical engineering issue and hence outside our purview.

### 3.4.4 Subgrade Exposure

Construction activities and exposure to the environment can cause deterioration of the prepared subgrade. Therefore, we recommend that our field representative observe the condition of the final subgrade soils immediately prior to slab-on-grade construction, and, if necessary, perform further density and moisture content tests to determine the suitability of the final prepared subgrade.

Additionally, the slab subgrade should be moisture conditioned to 2 to 4 percent above the optimum moisture content, to a depth of 12 inches. The moisture content of the floor slab subgrade soils should be verified by the geotechnical engineer within 24 hours prior to placing the vapor retarding membrane.

## 3.5 RETAINING WALLS

The following lateral earth pressures and soil parameters may be used for the design of retaining walls with free draining compacted backfills. If passive earth pressure and friction are combined to provide required resistance to lateral forces, the value of the passive pressure should be reduced to two-thirds the following recommendations.

Lateral Earth Pressure Condition	Soil Backfill Condition	Equivalent Fluid Pressure (pcf)	Lateral Earth Pressure Coefficient
Active Case (Drained)*	Level	40	$K_a = 0.33$
	2H:1V	66	$K_a = 0.55$
At-Rest Case (Drained)	Level	60	$K_o = 0.50$
	2H:1V	87	$K_o = 0.73$
Unit Soil Weight	120 pcf		

### 3.5.1 Seismic Earth Pressure

Retaining walls exceeding 6 feet in height shall be designed to resist the additional earth pressure caused by seismic ground shaking. A seismic load of 36 pcf should be used for design of walls that support more than 6 feet of backfill in accordance with Section 1803.5.12 of the 2019 CBC. This incremental pseudo-static pressure was calculated using the methods recommended in NAVFAC 7.2 and a horizontal coefficient equal to one-half of two-thirds  $PGA_M$ .

The seismic load is applied as an equivalent fluid pressure along the height of the wall and the calculated loads result in a maximum load exerted at the base of the wall and zero at the top of the wall. When using the load combination equations from the building code, the seismic earth pressure should be combined with the lateral active earth pressure for analyses of restrained basement walls under seismic loading conditions.

### 3.5.2 Surcharge Loading

Retaining walls should also be designed to resist any lateral surcharges due to the traffic, nearby buildings, construction loads, etc. Surcharge loads within a 1H:1V plane extending up from the base of the wall should be included in the design lateral pressures by multiplying the associated lateral earth pressure coefficient (see table above) with the applied surcharge load. This surcharge load should be applied as a uniform load along the height of the wall. Additional static lateral pressures due to other surcharge loadings in the vicinity of the wall can be estimated using the guidelines provided in Plate 3.

### 3.5.3 Waterproofing

The backfilled side of all retaining walls should be coated with an approved waterproofing compound or covered with a similar material to inhibit migration of moisture through the walls. It is recommended that the waterproofing system should be inspected and approved by the project civil engineer. The use of a water-stop should be considered for all concrete joints. We recommend contacting a waterproofing professional/consultant for specific recommendations for placement, sealing and protection of below grade walls.

### 3.5.4 Drainage and Backfill

We recommend drainage for retaining walls to be provided in accordance with Plate 4 of this report. The backdrain pipe should be connected to a system of closed pipe(s) (non-perforated) that lead to the storm runoff discharge facilities. Wall backdrain must be observed by the geotechnical engineer prior to wall backfill.

The above earth pressures assume that sufficient drainage will be provided behind the walls to prevent the build-up of hydrostatic pressures from surface and subsurface water infiltration. Back-cut distance for conventional retaining walls should be at least 18 inches to facilitate compaction. All retaining wall backfill must be compacted to at least 90 percent relative compaction (ASTM D-1557), utilizing equipment that will not damage the wall. Maximum precautions should be taken when placing drainage materials and during backfilling. Onsite soils may be used as backfill.

## 3.6 PAVEMENT RECOMMENDATIONS

### 3.6.1 Subgrade Preparation

The pavement subgrade should be overexcavated/processed to provide at least 18-inches of compacted subgrade soil below the proposed pavement structural section. The subgrade for pavement support must be firm, unyielding, and uniform with no abrupt horizontal changes in degree of support. The subgrade soil should be uniform materials and density. Soft spots, if encountered, should be excavated and recompacted with the same type of soil as found in adjacent subgrade.

### 3.6.2 Aggregate Base

The aggregate base should conform to Caltrans Class 2 Aggregate Base or the Standard Specifications for Public Works for Crushed Miscellaneous Base, should be firm and unyielding, and without pumping conditions prior to placement of pavement. Aggregate base should be compacted to at least 95 percent of the maximum dry density as determined by ASTM D1557.

### 3.6.3 Flexible Pavement Design

The following recommended pavement section is based on the following assumed Traffic Index and R-value. The minimum recommended asphalt concrete (AC) pavement thickness is as follows:

Pavement Use	Assumed Traffic Index (TI)	R-Value (Assumed)	Minimum Recommended Pavement Section	
			AC	AB
Light Duty	4	40	2.5"	4.0"
Heavy Duty	6	40	3.5"	5.5"

AC: Asphalt Concrete, AB: Aggregate Base.

Final pavement design recommendations should be based on laboratory test results of representative pavement subgrade soils upon the completion of rough grading.

## 3.7 STORMWATER INFILTRATION

Infiltration testing was conducted utilizing the double ring infiltration test method at a depth of approximately 12 inches below existing ground surface. The infiltration testing was performed in general accordance with the guidelines published in the Riverside County Design Handbook for Low Impact Development Best Management Practices, Infiltration Testing Guidelines. The following table summarizes the result of the infiltration feasibility study. Refer to Appendix F for field infiltration test data.

Test No.	Test Depth Below Ground Surface	Adjusted Infiltration Rate (in/hr)
P-1	12"	0.39
P-2	12"	0.78

The raw percolation rate is the rate of water infiltration in the horizontal and vertical direction. This percolation rate is adjusted using the "Porchet Method" to obtain the adjusted water infiltration rate in the vertical direction only.

Long-term infiltration rates may be reduced significantly by factors such as soil variability and inaccuracy in the infiltration rate measurement. The correction factor for site variability is between 3 and 10. Safety factors for operating the system, maintenance, siltation, biofouling, etc. should also be considered by the design civil engineer at his discretion. Minimum safety factor required by the County of Riverside for tests conducted when a deep exploratory borehole has been drilled at the site is 3.

The infiltration system must be located such that the closest distance between an adjacent foundation is at least 10 feet in all directions from the zone of saturation. The zone of saturation may be assumed to project downward from the discharge of the infiltration facility at a gradient of 1H:1V. Additional property line or foundation setbacks may be required by the governing jurisdiction and should be incorporated into the stormwater infiltration system design as necessary.

If applicable, 4- to 6-inch diameter observation well(s), with locking cap, extending vertically into the system's bottom is suggested as an observation point. Observation well(s) should be checked regularly and after large storm event. Once performance stabilizes, frequency of monitoring may be reduced.

GEOETKA should observe the subgrade of excavation. Additional laboratory testing including but not limited to grain size analysis, sand equivalent, sulfate content, etc. should be conducted during construction.

### **3.8 SITE DRAINAGE**

Adequate lot surface drainage is a very important factor in reducing the likelihood of adverse performance of foundations, hardscape, and slopes. Surface drainage should be sufficient to prevent ponding of water anywhere on a lot, and especially near structures and tops of slopes. Lot surface drainage should be carefully taken into consideration during fine grading, landscaping, and building construction. Therefore, care should be taken that future landscaping or construction activities do not create adverse drainage conditions.

Positive site drainage within common areas should be provided and maintained at all times. Drainage should not flow uncontrolled down any descending slope. Water should be directed away from foundations and not allowed to pond and/or seep into the ground. In general, the area within 5 feet around a structure should slope away from the structure. We recommend that unpaved lawn and landscape areas have a minimum gradient of 2 percent sloping away from structures, and whenever possible, should be above adjacent paved areas. Consideration should be given to avoiding construction of planters adjacent to structures.

Planters around the site should be provided with drainage. Planters adjacent to foundation, if constructed, should be provided with sealed bottom. Onsite drainage should be directed to approved drainage collection devices, per the civil engineer recommendations. Location of drainage devices should be in accordance with the design civil engineer's drainage and erosion control recommendations.

Pad drainage should be directed toward the street or other approved area(s). Although not a geotechnical requirement, roof gutters, downspouts, or other appropriate, means may be utilized to control roof drainage. Downspouts, or drainage devices, should outlet a minimum of 5 feet from structures or into a subsurface drainage system. Areas of seepage may develop due to irrigation or heavy rainfall, and should be anticipated. Minimizing irrigation will lessen this potential. If areas of nuisance seepage develop, recommendations such as subdrains, French drains, etc., for minimizing this effect could be provided upon request.

## **4.0 ADDITIONAL SERVICES**

### **4.1 PLAN REVIEWS**

The recommendations provided in this report are based on preliminary information and subsurface conditions as interpreted from limited exploratory boreholes at the site. We should be retained to review the final project plans to revise our conclusions and recommendations, as necessary. Professional fees will apply for each review.

Our conclusions and recommendations should also be reviewed and verified during site grading and revised accordingly if exposed geotechnical conditions vary from our preliminary findings and interpretations.

### **4.2 ADDITIONAL OBSERVATION AND/OR TESTING**

GEOETKA, Inc. should observe and/or test at the following stages of construction.

- During overexcavation and fill placement
- Following footing excavation and prior to placement of footing materials.
- During wetting of slab subgrade and prior to placement of slab materials.
- When any unusual conditions are encountered.

### **4.3 FINAL REPORT OF COMPACTION DURING GRADING**

A final report of compaction control should be prepared subsequent to the completion of grading. The report should include a summary of work performed, laboratory test results, and the results and locations of field density tests performed during grading.

## 5.0 GEOTECHNICAL RISK

The concept of risk is an important aspect of the geotechnical evaluation. The primary reason for this is that the analytical methods used to develop geotechnical recommendations do not comprise an exact science. The analytical tools which geotechnical engineers use are generally empirical and must be used in conjunction with engineering judgment and experience. Therefore, the solutions and recommendations presented in the geotechnical evaluation should not be considered risk-free and, more importantly, are not a guarantee that the interaction between the soils and the proposed structure will perform as planned.

The engineering recommendations presented in the preceding sections constitute GEOETKA, INC. professional estimate of those measures that are necessary for the proposed development to perform according to the proposed design based on the information generated and referenced during this evaluation, and GEOETKA, INC. experience in working with these conditions.

## 6.0 LIMITATION OF INVESTIGATION

This report was prepared for the exclusive use on the new construction. The use by others, or for the purposes other than intended, is at the user's sole risk.

Our investigation was performed using the degree of care and skill ordinarily exercised, under similar circumstances, by reputable Geotechnical Engineers practicing in this or similar locations within the limitations of scope, schedule, and budget. No other warranty, expressed or implied, is made as to the conclusions and professional advice included in this report.

The field and laboratory test data are believed representative of the site; however, soil conditions can vary significantly. As in most projects, conditions revealed during construction may be at variance with preliminary findings. If this condition occurs, the possible variations must be evaluated by the Project Geotechnical Engineer and adjusted as required or alternate design recommended.

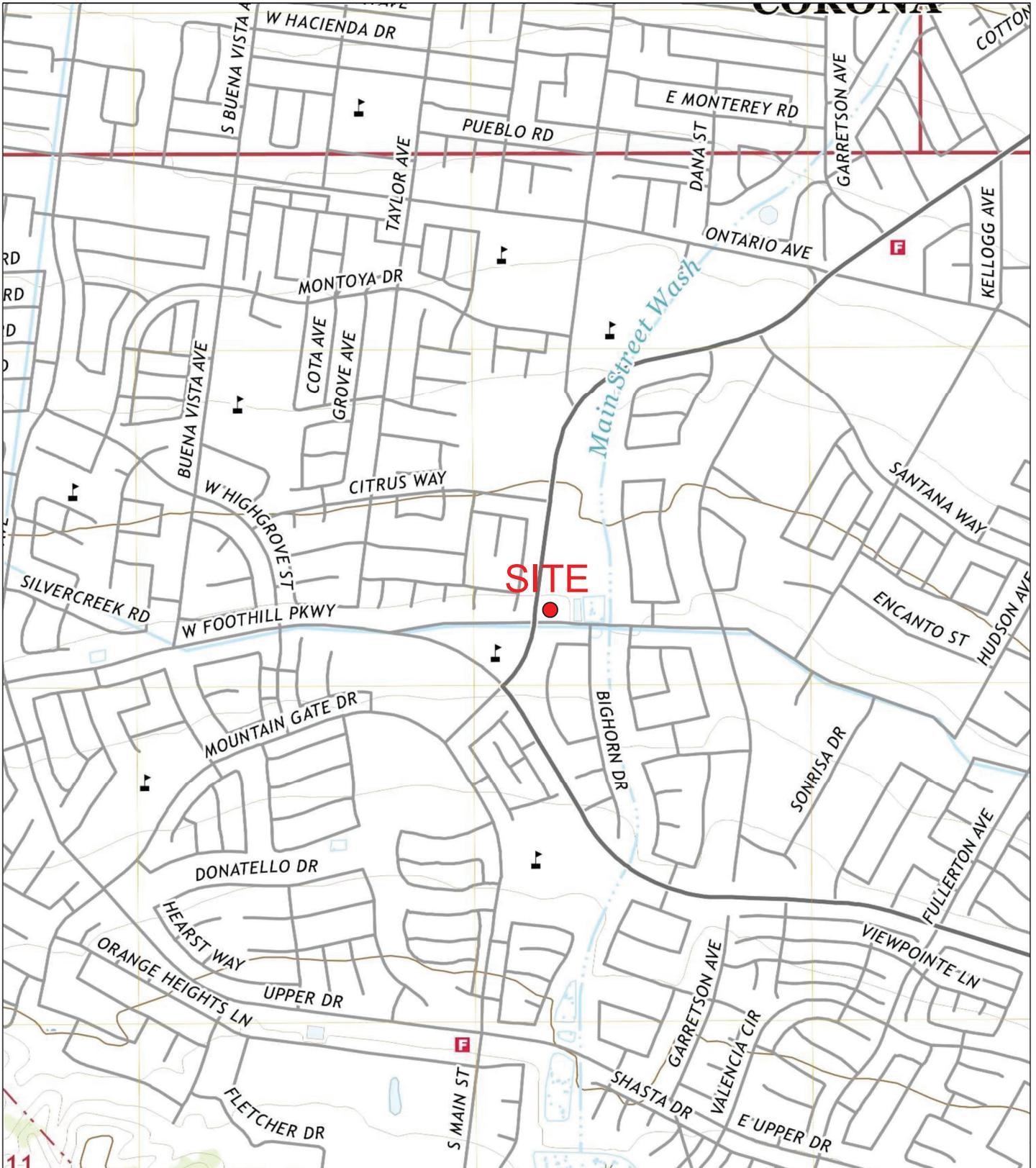
This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information and recommendations contained herein are brought to the attention of the engineer for the development and incorporated into the plans, and the necessary steps are taken to see that the contractor and subcontractor carry out such recommendations in the field.

This firm does not practice or consult in the field of safety engineering. We do not direct the contractor's operations, and we cannot be responsible for other than our own personnel on the site; therefore, the safety of others is the responsibility of the contractor. The contractor should notify the owner if he considers any of the recommended actions presented herein to be unsafe.

The findings, conclusions, and recommendations presented herein are based on our understanding of the development and on subsurface conditions observed during our site work, and are valid as of the present date. However, changes in the conditions of a property can occur with the passage of time, whether they be due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation or the broadening of knowledge.

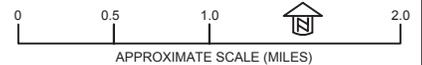
## **FIGURES & PLATES**

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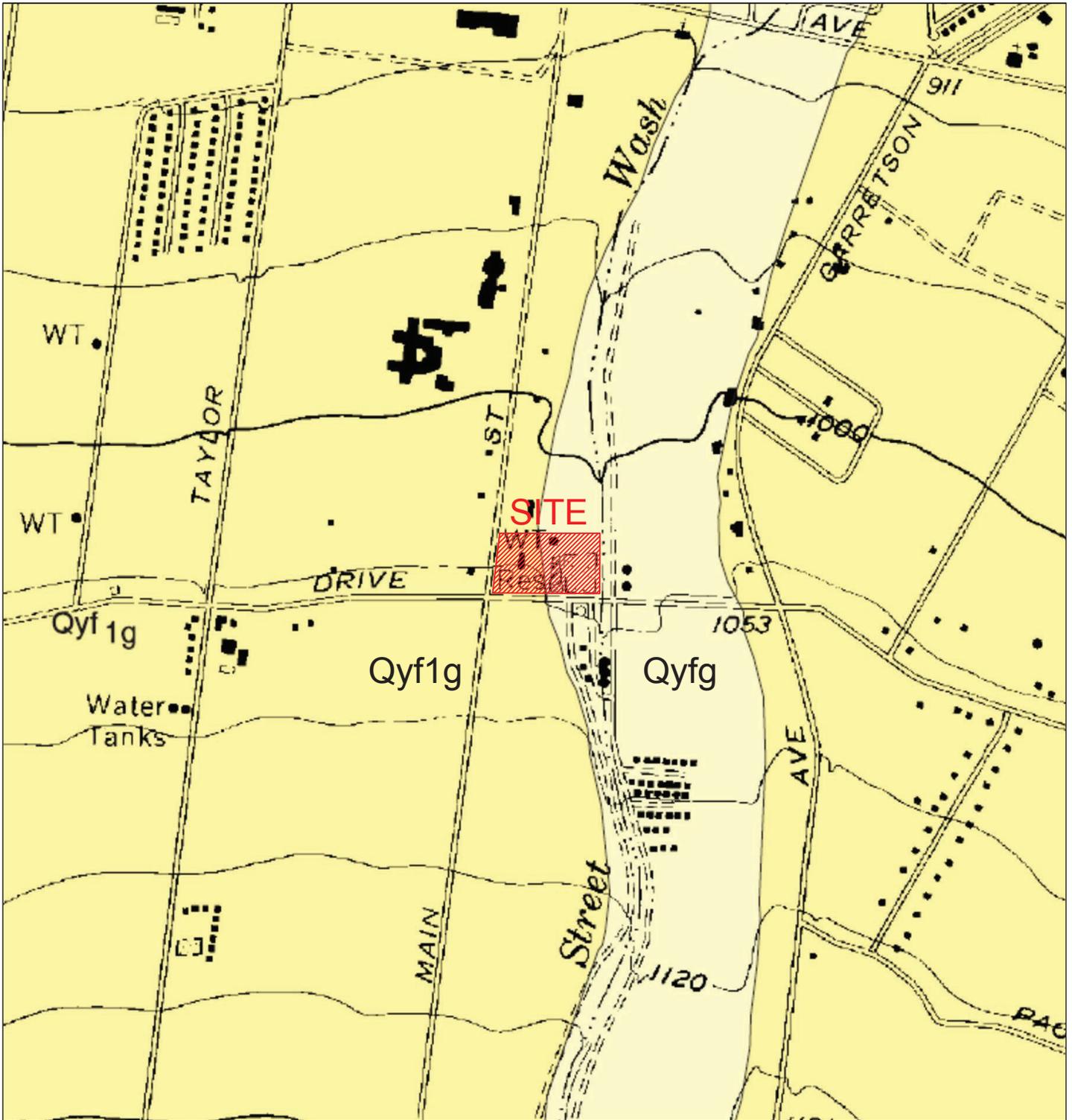


USGS, THE NATIONAL MAP, US TOPO, CORONA SOUTH, 2018

ALL LOCATIONS ARE APPROXIMATE



GEO-ETKA, INC.	DWN BY: AM	PROJECT: PRELIMINARY SOIL INVESTIGATION REPORT 2895 MAIN STREET CORONA, CALIFORNIA	DATE: FEBRUARY 2022	
	CHK'D BY: MN		PROJECT NO.: FP-11936-22	
	DATUM: --		TITLE: <b>SITE LOCATION MAP</b>	FIGURE NO.: <b>Figure 1</b>
	PROJECTION: --		SCALE: 1" = 1/4 MILE	
	REV. NO.: --			



**LEGEND:**

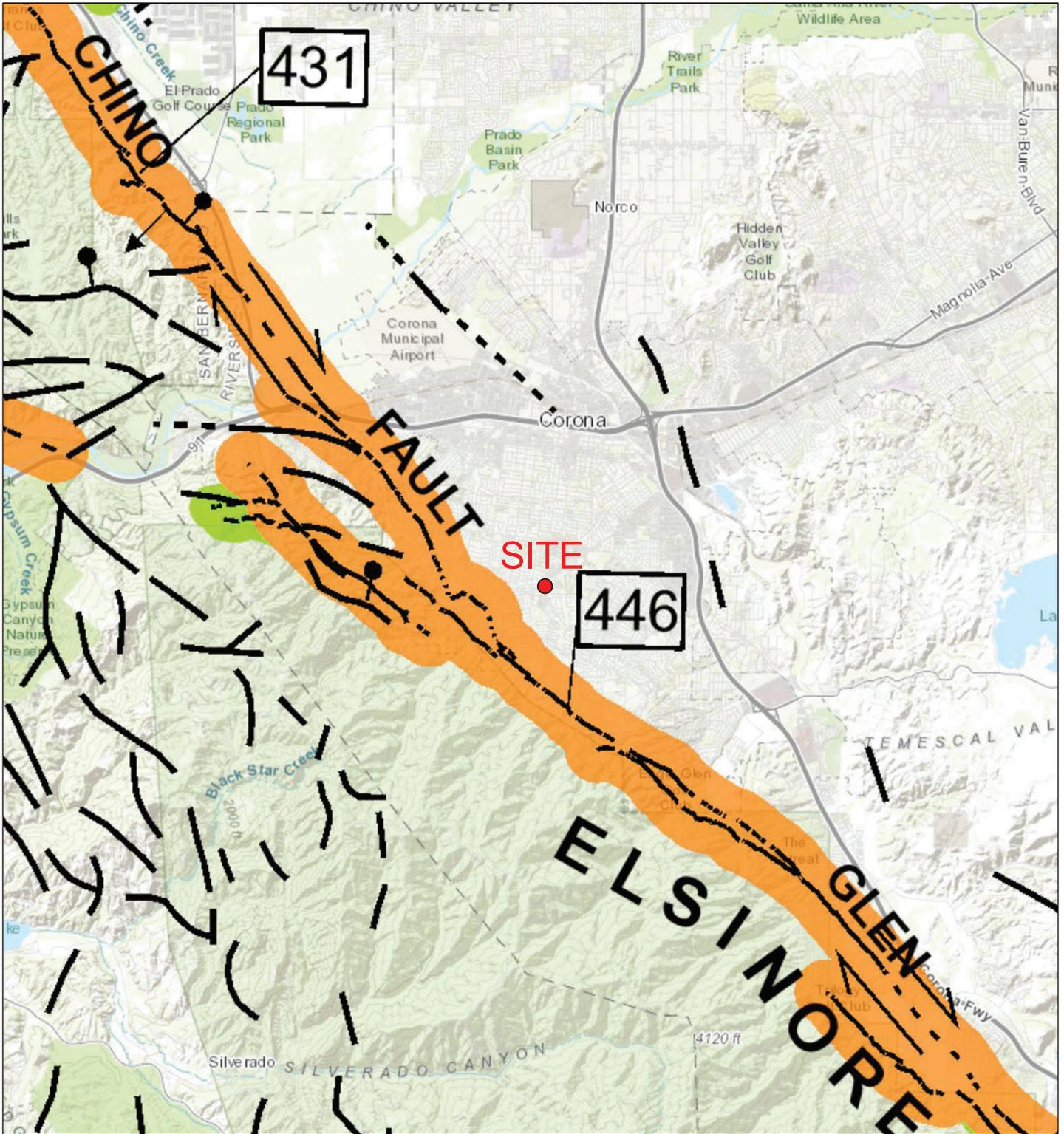
Qyf1: Young alluvial-fan deposits, unit 1  
 Qyf: Young alluvial-fan deposits

**REFERENCE MAP:**

Gray, C.H., Morton, D.M., Weber, F.H., Bovard, K.R., and O'Brien, Timothy, 2002, Geologic map of the Corona South 7.5' quadrangle, Riverside and Orange Counties, California, U.S. Geological Survey, Open-File Report OF-2002-21, 1:24,000.



<b>GEO-ETKA, INC.</b>	DWN BY: AM	PROJECT: PRELIMINARY SOIL INVESTIGATION REPORT 2895 MAIN STREET CORONA, CALIFORNIA	DATE: FEBRUARY 2022
	CHK'D BY: MN		PROJECT NO.: FP-11936-22
	DATUM: --		FIGURE NO.: <b>Figure 2</b>
	PROJECTION: --		TITLE: <b>REGIONAL GEOLOGIC MAP</b>
	SCALE: --		
	REV. NO.: --		



**FAULT EXPLANATION:**

- Historic Fault Displacement
- Holocene Fault Displacement
- Evidence of Late Quaternary Fault Displacement
- Undivided Quaternary Faults

REFERENCES: Jennings, C.W. and Bryant, W.A., 2010, "Fault Activity Map of California," California Geological Survey, GDM-006, May 2010

<b>GEO-ETKA, INC.</b>	DWN BY:	AM	PROJECT: PRELIMINARY SOIL INVESTIGATION REPORT 2895 MAIN STREET CORONA, CALIFORNIA	DATE:	FEBRUARY 2022		
	CHK'D BY:	MN		PROJECT NO.:	FP-11936-22		
	DATUM:	--		TITLE:	<b>REGIONAL FAULT MAP</b>	FIGURE NO.:	<b>Figure 3</b>
	PROJECTION:	--					
	SCALE:	--					
	REV. NO.:	--					

**EXPLORATORY BOREHOLE LOCATION MAP**  
PRELIMINARY SOIL INVESTIGATION REPORT  
2895 S. MAIN STREET  
CORONA, CALIFORNIA

PREPARED BY: DATE: DECEMBER 2022  
DRAWN BY: AM  
CHECKED BY: HAN  
PROJECT NO.: FP-11936-22  
SCALE: 1" = 20'

**PLATE**  
**1**

**LEGEND:**  
B-1 EXPLORATORY BOREHOLE  
P-1 INFILTRATION TEST

ALL LOCATIONS ARE APPROXIMATE



### STABILITY OF TEMPORARY SLOT CUT EXCAVATIONS

**SOIL PROPERTIES**

Unit Weight of Soil       $\gamma =$       120      pcf  
 Cohesion                       $c =$       150      psf  
 Friction Angle               $\phi =$       30      deg.  
     $K_o =$       0.500

**EXCAVATION DETAILS**

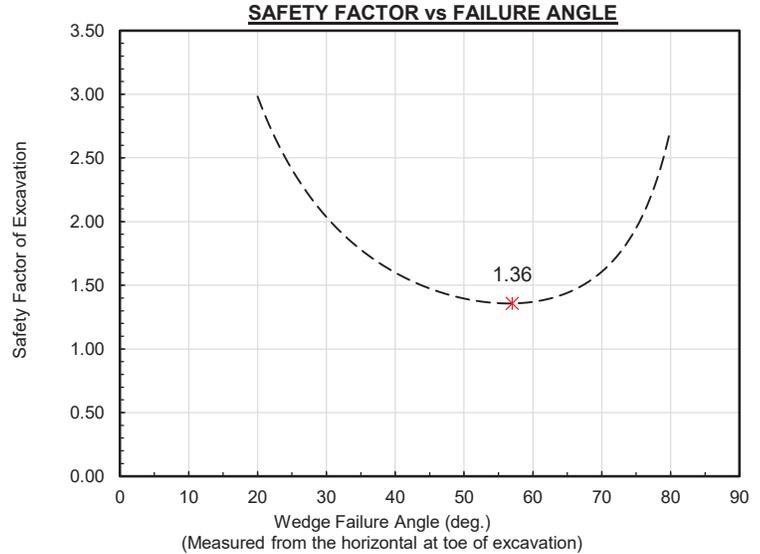
Height of Vertical Cut =       $H =$       12      ft  
 Slot Cut Width =               $B =$       20      deg.  
 Slope Angle above Cut =       $\beta =$       0      deg.

**SURCHARGE DETAILS**

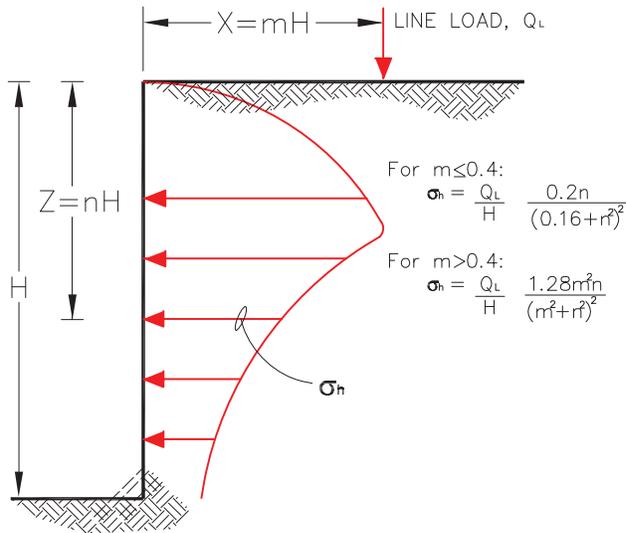
Surcharge =                       $q =$       0      psf  
 Surcharge Width =               $b =$       2      ft  
 Surcharge Setback =               $x =$       3      ft

Summary of Results

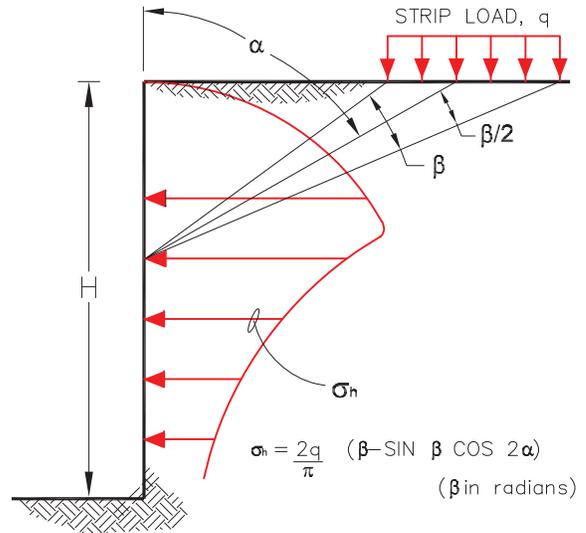
Critical Failure Angle =      57      deg.  
 Safety Factor =                  1.36  
 Critical Wedge Driving Force =      51.26      kip  
 Critical Wedge Resisting Force =      69.58      kip



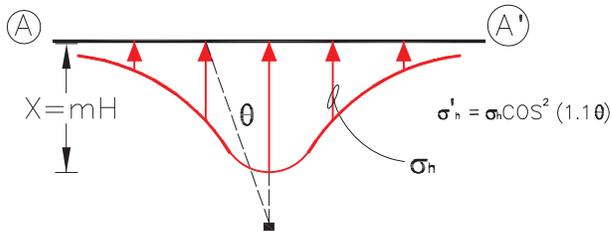
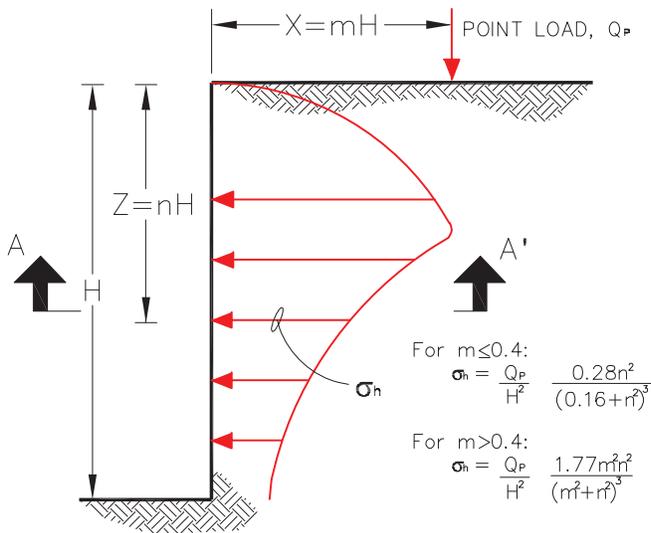
Failure Angle $\alpha$ (deg.)	Wedge Height H (ft)	Failure Plane Lb (ft)	Width of Wedge B (ft)	Area of Wedge A (ft <sup>2</sup> )	Wedge Weight W (lb)	Surcharge Q (psf)	Driving Force	Resisting Force	Factor of Safety
20	12.0	35.1	33.0	198	23738	0.0	152586	455116	2.98
21	12.0	33.5	31.3	188	22508	0.0	150608	428554	2.85
22	12.0	32.0	29.7	178	21385	0.0	148551	404229	2.72
23	12.0	30.7	28.3	170	20355	0.0	146418	381855	2.61
24	12.0	29.5	27.0	162	19406	0.0	144213	361195	2.50
25	12.0	28.4	25.7	154	18529	0.0	141937	342050	2.41
26	12.0	27.4	24.6	148	17715	0.0	139593	324250	2.32
27	12.0	26.4	23.6	141	16957	0.0	137185	307652	2.24
28	12.0	25.6	22.6	135	16249	0.0	134714	292134	2.17
29	12.0	24.8	21.6	130	15587	0.0	132185	277589	2.10
30	12.0	24.0	20.8	125	14965	0.0	129600	263926	2.04
31	12.0	23.3	20.0	120	14379	0.0	126962	251064	1.98
32	12.0	22.6	19.2	115	13827	0.0	124275	238935	1.92
33	12.0	22.0	18.5	111	13304	0.0	121542	227477	1.87
34	12.0	21.5	17.8	107	12809	0.0	118766	216636	1.82
35	12.0	20.9	17.1	103	12339	0.0	115951	206363	1.78
36	12.0	20.4	16.5	99	11892	0.0	113099	196617	1.74
37	12.0	19.9	15.9	96	11466	0.0	110215	187360	1.70
38	12.0	19.5	15.4	92	11059	0.0	107302	178557	1.66
39	12.0	19.1	14.8	89	10670	0.0	104364	170178	1.63
40	12.0	18.7	14.3	86	10297	0.0	101403	162196	1.60
41	12.0	18.3	13.8	83	9939	0.0	98425	154585	1.57
42	12.0	17.9	13.3	80	9596	0.0	95431	147323	1.54
43	12.0	17.6	12.9	77	9265	0.0	92427	140390	1.52
44	12.0	17.3	12.4	75	8947	0.0	89415	133767	1.50
45	12.0	17.0	12.0	72	8640	0.0	86400	127436	1.47
46	12.0	16.7	11.6	70	8344	0.0	83385	121382	1.46
47	12.0	16.4	11.2	67	8057	0.0	80373	115591	1.44
48	12.0	16.1	10.8	65	7779	0.0	77369	110049	1.42
49	12.0	15.9	10.4	63	7511	0.0	74375	104744	1.41
50	12.0	15.7	10.1	60	7250	0.0	71397	99663	1.40
51	12.0	15.4	9.7	58	6997	0.0	68436	94797	1.39
52	12.0	15.2	9.4	56	6750	0.0	65498	90136	1.38
53	12.0	15.0	9.0	54	6511	0.0	62585	85669	1.37
54	12.0	14.8	8.7	52	6277	0.0	59701	81388	1.36
55	12.0	14.6	8.4	50	6050	0.0	56849	77285	1.36
56	12.0	14.5	8.1	49	5828	0.0	54034	73353	1.36
57	12.0	14.3	7.8	47	5611	0.0	51258	69582	1.36
58	12.0	14.2	7.5	45	5399	0.0	48525	65967	1.36
59	12.0	14.0	7.2	43	5191	0.0	45838	62500	1.36
60	12.0	13.9	6.9	42	4988	0.0	43200	59175	1.37
61	12.0	13.7	6.7	40	4789	0.0	40615	55986	1.38
62	12.0	13.6	6.4	38	4594	0.0	38086	52927	1.39
63	12.0	13.5	6.1	37	4402	0.0	35615	49992	1.40
64	12.0	13.4	5.9	35	4214	0.0	33207	47176	1.42
65	12.0	13.2	5.6	34	4029	0.0	30863	44473	1.44
66	12.0	13.1	5.3	32	3847	0.0	28587	41877	1.46
67	12.0	13.0	5.1	31	3667	0.0	26382	39385	1.49
68	12.0	12.9	4.8	29	3491	0.0	24249	36990	1.53
69	12.0	12.9	4.6	28	3317	0.0	22192	34688	1.56
70	12.0	12.8	4.4	26	3145	0.0	20214	32475	1.61
71	12.0	12.7	4.1	25	2975	0.0	18316	30345	1.66
72	12.0	12.6	3.9	23	2807	0.0	16501	28294	1.71
73	12.0	12.5	3.7	22	2642	0.0	14771	26318	1.78
74	12.0	12.5	3.4	21	2477	0.0	13129	24411	1.86
75	12.0	12.4	3.2	19	2315	0.0	11575	22571	1.95
76	12.0	12.4	3.0	18	2154	0.0	10113	20792	2.06
77	12.0	12.3	2.8	17	1995	0.0	8744	19070	2.18
78	12.0	12.3	2.6	15	1836	0.0	7470	17401	2.33
79	12.0	12.2	2.3	14	1679	0.0	6291	15781	2.51
80	12.0	12.2	2.1	13	1523	0.0	5211	14205	2.73



LINE LOAD PARALLEL TO WALL



STRIP LOAD PARALLEL TO WALL



DISTRIBUTION OF HORIZONTAL PRESSURES

VERTICAL POINT LOAD

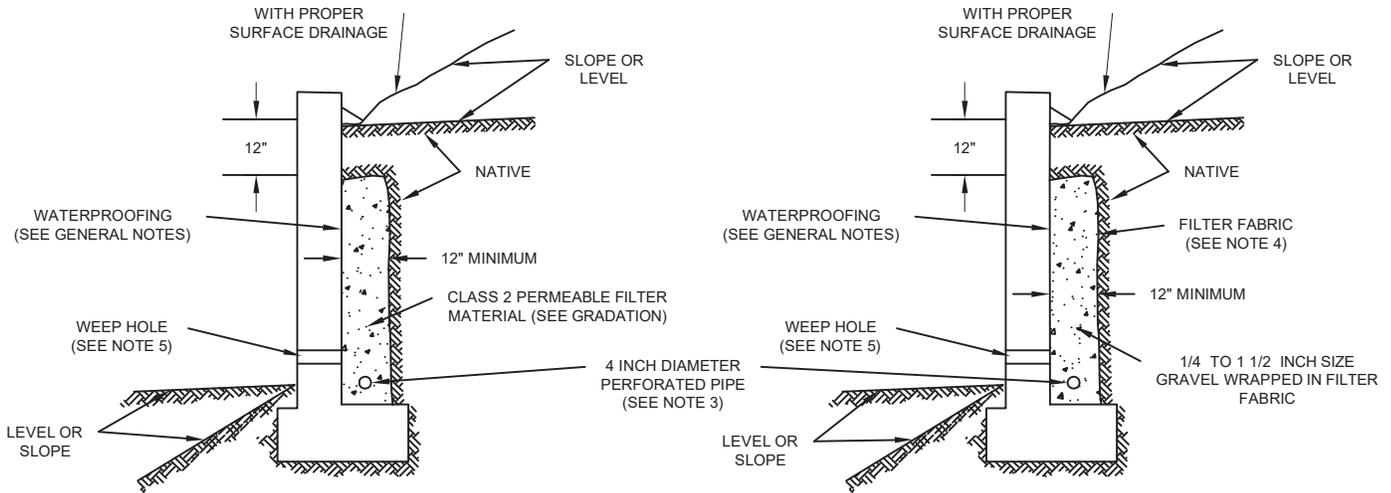
NOTES:

1. These guidelines apply to rigid walls with Poisson's ratio assumed to be 0.5 for backfill materials.
2. Lateral pressures from any combination of above loads may be determined by the principle of superposition.

# SUBDRAIN OPTIONS AND BACKFILL WHEN NATIVE MATERIAL HAS EXPANSION INDEX $\leq 50$

**OPTION 1: PIPE SURROUNDED WITH CLASS 2 PERMEABLE MATERIAL**

**OPTION 2: GRAVEL WRAPPED IN FILTER FABRIC**



Class 2 Filter Permeable Material Gradation  
Per Caltrans Specifications

Sieve Size	Percent Passing
1"	100
3/4"	90-100
3/8"	40-100
No. 4	25-40
No. 8	18-33
No. 30	5-15
No. 50	0-7
No. 200	0-3

**GENERAL NOTES:**

- \*Waterproofing should be provided where moisture nuisance problem through the wall is undesirable.
- \*Water proofing of the walls is not under the purview of the geotechnical engineer.
- \*All drains should have a gradient of 1 percent minimum.
- \*Outlet portion of the subdrain should have a 4-inch diameter solid pipe discharged into a suitable disposal area designed by the project engineer. The subdrain pipe should be accessible for maintenance (rodding).
- \*Other subdrain backfill options are subject to the review by the geotechnical engineer and modification of design parameters.

**Notes:**

- 1) Sand should have a sand equivalent of 30 or greater and may be densified by water jetting.
- 2) 1 Cu. ft. per ft. of 1/4 - to 1 1/2 -inch size gravel wrapped in filter fabric
- 3) Pipe type should be ASTM D1527 Acrylonitrile Butadiene Styrene (ABS) SDR35 or ASTM D1785 Polyvinyl Chloride plastic (PVC), Schedule 40, Armco A2000 PVC, or approved equivalent. Pipe should be installed with perforations down. Perforations should be 3/8 -inch in diameter placed at the ends of a 120-degree arc in two rows at 3-inch on center (staggered).
- 4) Filter Fabric should be Mirafi 140NC or approved equivalent.
- 5) Weephole should be 3-inch minimum diameter and provided at 10-foot maximum intervals. If exposure is permitted, weepholes should be located 12-inches above finished grade. If exposure is not permitted, such as for a wall adjacent to a sidewalk/curb, a pipe under the sidewalk to be discharged through the curb face or equivalent should be provided. For a basement-type wall, a proper subdrain outlet system should be provided.
- 6) Retaining wall plans should be reviewed and approved by the geotechnical engineer.
- 7) Walls over six feet in height are subject to a special review by the geotechnical engineer and modifications to the above requirements.

# **APPENDIX A**

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## SELECTED REFERENCES

Knitter Partners International, Inc., Fitness Mania, 2895 South Main Street, Corona, California 92882, Site Plan, Sheet A-0.01, December 1, 2022.

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## **APPENDIX B**

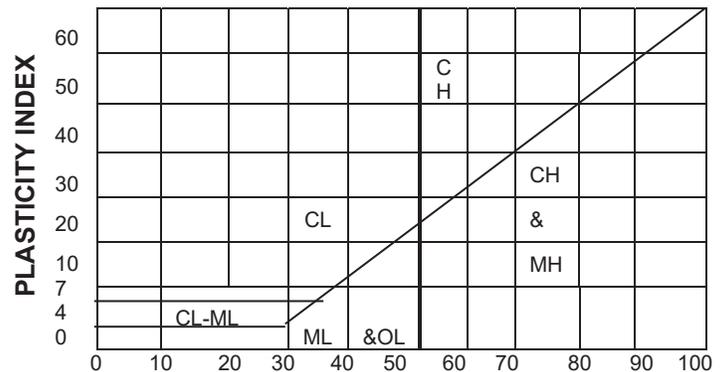
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MAJOR DIVISIONS		SYMBOLS		TYPICAL NAMES
<b>COARSE-GRAINED SOILS</b> (More than 1/2 of soil < No. 200 sieve)	<b>GRAVELS</b> (More than 1/2 of coarse fraction > No. 4 sieve size)	<b>GW</b>		Well-graded gravels or gravel-sand mixtures, little or no fines
		<b>GP</b>		Poorly graded gravels or gravel-sand mixtures, little or no fines
		<b>GM</b>		Silty gravels, gravel-sand-silt mixtures
		<b>GC</b>		Clayey gravels, gravel-sand-clay mixtures
	<b>SANDS</b> (More than 1/2 of coarse fraction < No. 4 sieve size)	<b>SW</b>		Well-graded sands or gravelly sands, little or no fines
		<b>SP</b>		Poorly graded sands or gravelly sands, little or no fines
		<b>SM</b>		Silty sands, sand-salt mixtures
		<b>SC</b>		Clayey sands, sand-clay mixtures
<b>FINE-GRAINED SOILS</b> (More than 1/2 of soil < No. 200 sieve)	<b>SILTS &amp; CLAYS</b> LL < 50	<b>ML</b>		Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
		<b>CL</b>		Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
		<b>OL</b>		Organic silts and organic silty clays of low plasticity.
	<b>SILTS &amp; CLAYS</b> LL > 50	<b>MH</b>		Inorganic silts, caceous or diatomaceous fine sandy or silty soils, elastic silts
		<b>CH</b>		Inorganic clays of medium to high plasticity, organic silty clays, organic silts
		<b>OH</b>		Organic clays of medium to high plasticity, organic silty clays, organic silts
<b>HIGHLY ORGANIC SOILS</b>	<b>Pt</b>		Peat and other highly organic soils	

### CLASSIFICATION CHART (UNIFIED SOIL CLASSIFICATION SYSTEM)

CLASSIFICATION	RANGE OF GRAIN SIZES	
	U.S. Standard Sieve Size	Grain Size in Millimeters
<b>BOULDER</b>	ABOVE 12"	ABOVE 305
<b>COBBLES</b>	3" to 12"	305 to 76.2
<b>GRAVEL</b> COARSE FINE	3" to No. 4	76.2 to 4.76
	3" TO 3/4"	76.2 to 19.1
	3/4" to No. 4	19.1 to 4.76
<b>SAND</b> COARSE MEDIUM FINE	No. 4 to 200	4.76 to 0.074
	No. 4 to 10	4.76 to 2.00
	No. 10 to 40	2.00 to 0.420
	No. 40 to 200	0.420 to 0.074
<b>SILT &amp; CLAY</b>	BELOW No. 200	BELOW 0.074

**GRAIN SIZE CHART**



**LIQUID LIMIT  
PLASTICITY CHART**

## METHOD OF SOIL CLASSIFICATION

Project No.	FP-11936-22	Location:	See Plate 1	Borehole Logged by:	MN
Excavating Co. / Rig:	GEOETKA / CME-45	Date Started:	2/5/2022	Depth to Groundwater:	ft
Method:	Hollow-Stem Auger	Date Finished:	2/5/2022	Depth to Bedrock:	N/A ft
Hammer Weight / Drop:	140 lbs./30-inches	Hammer Type:	Automatic	Total Depth of Borehole:	15 ft

SAMPLES						LABORATORY TEST DATA							
Depth (ft)	Type	Sample	Blows / 6"	SPT "N" Value	Symbol	Classification (USCS)	MATERIAL DESCRIPTION						
							Moisture Content (%)	Dry Density (pcf)	Fines Content (%)	Pocket Pen (tsf)	Liquid Limit	Plastic Limit	Plast. Index
5	B		15 15 20	23		SM	<b>SILTY SAND WITH GRAVEL</b> Medium brown, fine to coarse graiend, moist						
10	R		6 6 7	13			<b>SANDY LEAN CLAY WITH GRAVEL</b> medium brown, cohesive, mosit, very firm						
15	S		8 8 15	23			<b>SILTY SAND WITH GRAVEL</b> Medium brown, fine to coarse grained, moist						
15	S			23			<b>WELL GRADED SAND WITH SILT AND GRAVEL</b> Medium brown, fine to coarse grained, moist						

<b>LOG LEGEND</b>			
	Bedrock/Formation		Silty Sands
	Gravels		Bulk "Grab" Sample (B)
	Clean Sands		Modified California Ring (R)
	Clayey Sands		Standard Penetration (S)
	Clays		Modified Dames & Moore (D)
	Groundwater ( During Drillin)		Groundwater ( Groundwater (Stabilized))
	Disturbed Sample		No Sample Recovery

This log is part of the report prepared for this project and should be read together with the report. This summary applies only at the location of the exploration and at the time of drilling or excavation. Subsurface conditions may differ at other locations and may change at this location with time. Data presented are a simplification of actual conditions encountered.

Project No.	FP-11936-22	Location:	See Plate 1	Borehole Logged by:	MN
Excavating Co. / Rig:	GEOETKA / CME-45	Date Started:	2/5/2022	Depth to Groundwater:	ft
Method:	Hollow-Stem Auger	Date Finished:	2/5/2022	Depth to Bedrock:	N/A ft
Hammer Weight / Drop:	140 lbs./30-inches	Hammer Type:	Automatic	Total Depth of Borehole:	15 ft

SAMPLES						LABORATORY TEST DATA										
Depth (ft)	Type	Sample	Blows / 6"	SPT "N" Value	Symbol	Classification (USCS)	MATERIAL DESCRIPTION									
							Moisture Content (%)	Dry Density (pcf)	Fines Content (%)	Pocket Pen (tsf)	Liquid Limit	Plastic Limit	Plast. Index			
5	B		8 12	13	SM	<b>SILTY SAND WITH GRAVEL</b> Medium brown, fine to coarse graiend, moist										
	R				CL	<b>SANDY LEAN CLAY WITH GRAVEL</b> medium brown, cohesive, mosit, very firm	18	112			29	17	12			
10	S		3 3	6	SC	<b>CLAYEY SAND WITH GRAVEL</b> medium brown, moist. Medium firm. Caliche <5%										
	S		18 18 24	42	GM	<b>SILTY GRAVEL WITH SAND</b> Dark brown, fine to coasre grained, moist	7		18							
15	S				SM	<b>SILTY SAND WITH GRAVEL</b> Dark brown, fine to coasre grained, dense moist										

LOG LEGEND			
	Bedrock/Formation		Silty Sands
	Gravels		Bulk "Grab" Sample (B)
	Clean Sands		Modified California Ring (R)
	Clays		Standard Penetration (S)
	Silts		Modified Dames & Moore (D)
	Clayey Sands		Groundwater ( Groundwater (During Drillin)
	Groundwater ( Groundwater (Stabilized)		D Disturbed Sample
	No Sample Recovery		N No Sample Recovery

This log is part of the report prepared for this project and should be read together with the report. This summary applies only at the location of the exploration and at the time of drilling or excavation. Subsurface conditions may differ at other locations and may change at this location with time. Data presented are a simplification of actual conditions encountered.

Project No.	FP-11936-22	Location:	See Plate 1	Borehole Logged by:	MN
Excavating Co. / Rig:	GEOETKA / CME-45	Date Started:	2/5/2022	Depth to Groundwater:	ft
Method:	Hollow-Stem Auger	Date Finished:	2/5/2022	Depth to Bedrock:	N/A ft
Hammer Weight / Drop:	140 lbs./30-inches	Hammer Type:	Automatic	Total Depth of Borehole:	15 ft

SAMPLES						LABORATORY TEST DATA							
Depth (ft)	Type	Sample	Blows / 6"	SPT "N" Value	Symbol	Classification (USCS)	MATERIAL DESCRIPTION						
							Moisture Content (%)	Dry Density (pcf)	Fines Content (%)	Pocket Pen (tsf)	Liquid Limit	Plastic Limit	Plast. Index
5	B		10 15 15	20		SM	<b>SILTY SAND WITH GRAVEL</b> Medium brown, fine to coarse graiend, moist						
	R						Medium Dense						
10	S		7 14 16	30			Dense						
15	S		15 18 22	40			Dense						

<b>LOG LEGEND</b>			
	Bedrock/Formation		Silty Sands
	Gravels		Bulk "Grab" Sample (B)
	Clean Sands		Modified California Ring (R)
	Clays		Standard Penetration (S)
	Clayey Sands		Modified Dames & Moore (D)
	Groundwater ( Groundwater (During Drillin)		Groundwater ( Groundwater (Stabilized)
	Disturbed Sample		No Sample Recovery

This log is part of the report prepared for this project and should be read together with the report. This summary applies only at the location of the exploration and at the time of drilling or excavation. Subsurface conditions may differ at other locations and may change at this location with time. Data presented are a simplification of actual conditions encountered.

Project No.	FP-11936-22	Location:	See Plate 1	Borehole Logged by:	MN
Excavating Co. / Rig:	GEOETKA / CME-45	Date Started:	2/5/2022	Depth to Groundwater:	ft
Method:	Hollow-Stem Auger	Date Finished:	2/5/2022	Depth to Bedrock:	N/A ft
Hammer Weight / Drop:	140 lbs./30-inches	Hammer Type:	Automatic	Total Depth of Borehole:	15 ft

SAMPLES						LABORATORY TEST DATA										
Depth (ft)	Type	Sample	Blows / 6"	SPT "N" Value	Symbol	Classification (USCS)	MATERIAL DESCRIPTION									
							Moisture Content (%)	Dry Density (pcf)	Fines Content (%)	Pocket Pen (tsf)	Liquid Limit	Plastic Limit	Plast. Index			
5	B		20 22 28	33		SM	<b>SILTY SAND WITH GRAVEL</b> Medium brown, fine to coarse graind, moist	5	107	7						
	R					SWSM	<b>WELL GRADED SAND WITH SILT AND GRAVEL</b> medium brown, fine to coarse graind									
10	S		8 9 13	22		GM	<b>SILTY GRAVEL WITH SAND</b> Dark brown, fine to coasre graind, moist									
15	S		9 19 31	50			Very Dense									

LOG LEGEND			
	Bedrock/Formation		Silty Sands
	Gravels		Bulk "Grab" Sample (B)
	Clean Sands		Modified California Ring (R)
	Clays		Standard Penetration (S)
	Silts		Modified Dames & Moore (D)
	Clayey Sands		Groundwater ( Groundwater (During Drillin)
	Groundwater ( Groundwater (Stabilized)		Disturbed Sample
	No Sample Recovery		

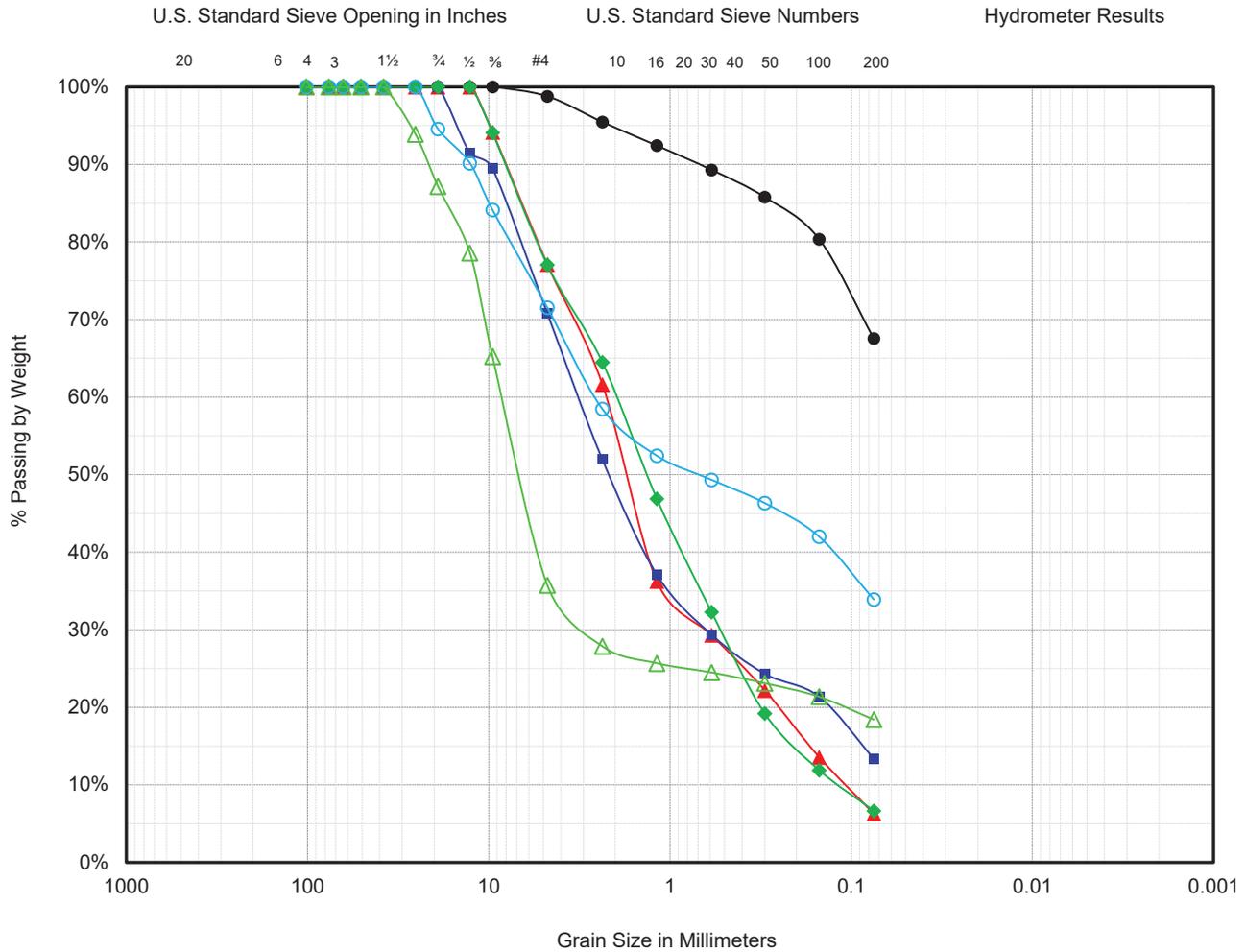
This log is part of the report prepared for this project and should be read together with the report. This summary applies only at the location of the exploration and at the time of drilling or excavation. Subsurface conditions may differ at other locations and may change at this location with time. Data presented are a simplification of actual conditions encountered.

## **APPENDIX C**

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# GRAIN SIZE DISTRIBUTION

(ASTM C136)

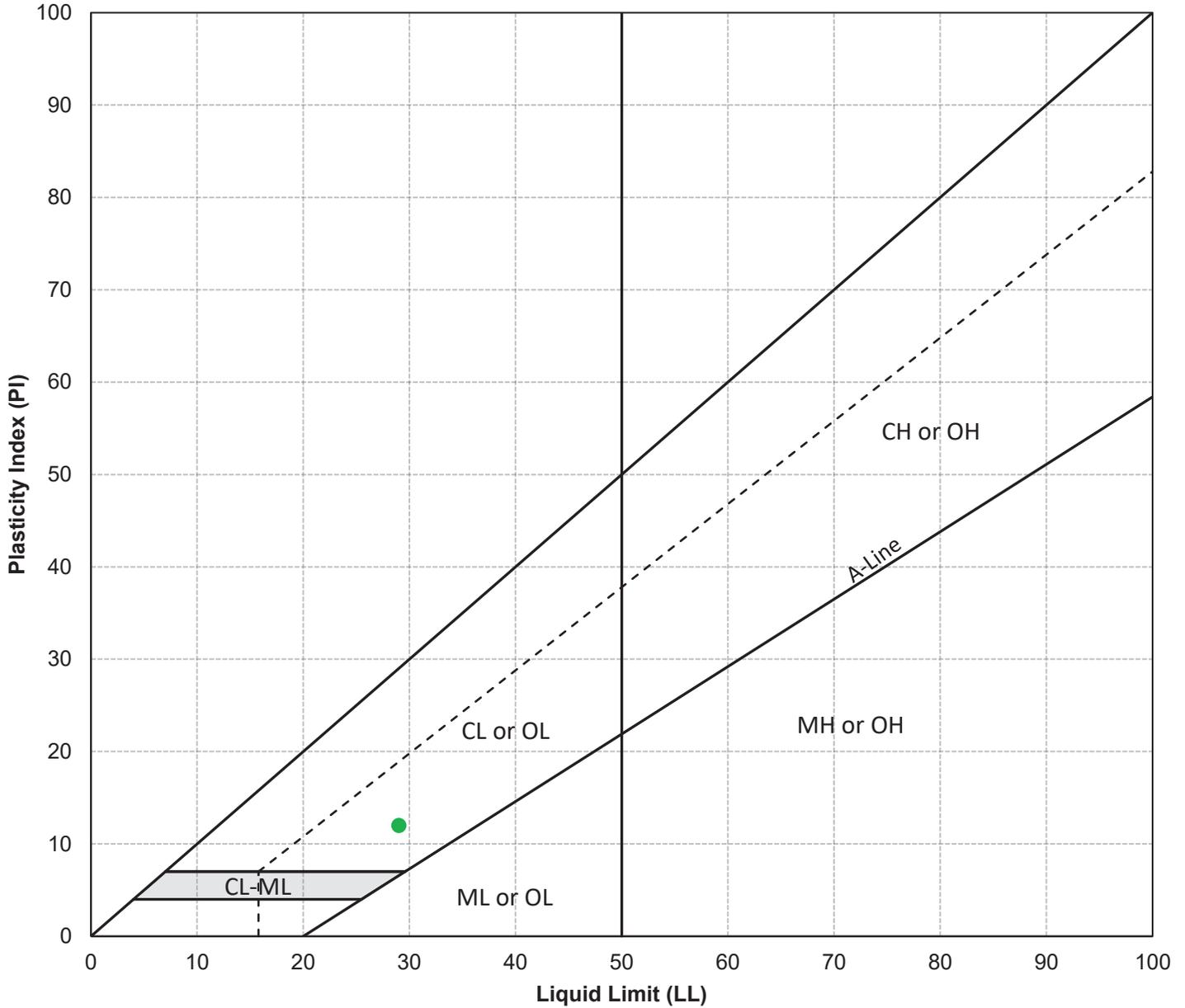


Symbol	Location	Depth	USCS	Classification	Moisture (%)	Fines (%)	D10	D30	D60	Cc	Cu
●	B-1	5'	CL	Sandy Lean Clay	13.5	68	0.01	0.03	0.07	6.00	1.50
▲	B-1	15'	SW-SM	Well-Graded Sand with Silt & Gravel	12.1	6	0.11	0.65	2.28	20.16	1.62
■	B-3	10'	SM	Silty Sand with Gravel	7.4	13	0.06	0.64	3.38	60.30	2.14
◆	B-4	5'	SW-SM	Well-Graded Sand with Silt & Gravel	4.8	7	0.12	0.54	2.06	1.15	16.75
○	B-1	13'	SM	Silty Sand with Gravel	10.7	34	0.02	0.07	2.64	0.08	119.29
△	B-2	13'-15'	GM	Silty Gravel with Sand	6.9	18	0.04	3.00	8.68	25.56	213.09

PRELIMINARY SOIL INVESTIGATION REPORT  
 Proposed Commercial Development  
 2895 S. Main Street  
 Corona, California

Project No.: FP-11936-22  
 Date Tested: 2/25/2022  
 Tested by: RM  
 Exhibit: Appendix C

# PLASTICITY CHART



## ATTERBERG LIMITS TEST RESULTS

	<u>LEGEND</u>	<u>SOIL CLASSIFICATION</u>	Liquid Limit (LL)	Plastic Limit (PL)	Plasticity Index (PI)
●	B-2 @ 7'	Sandy Lean Clay	29.0	17.0	12.0

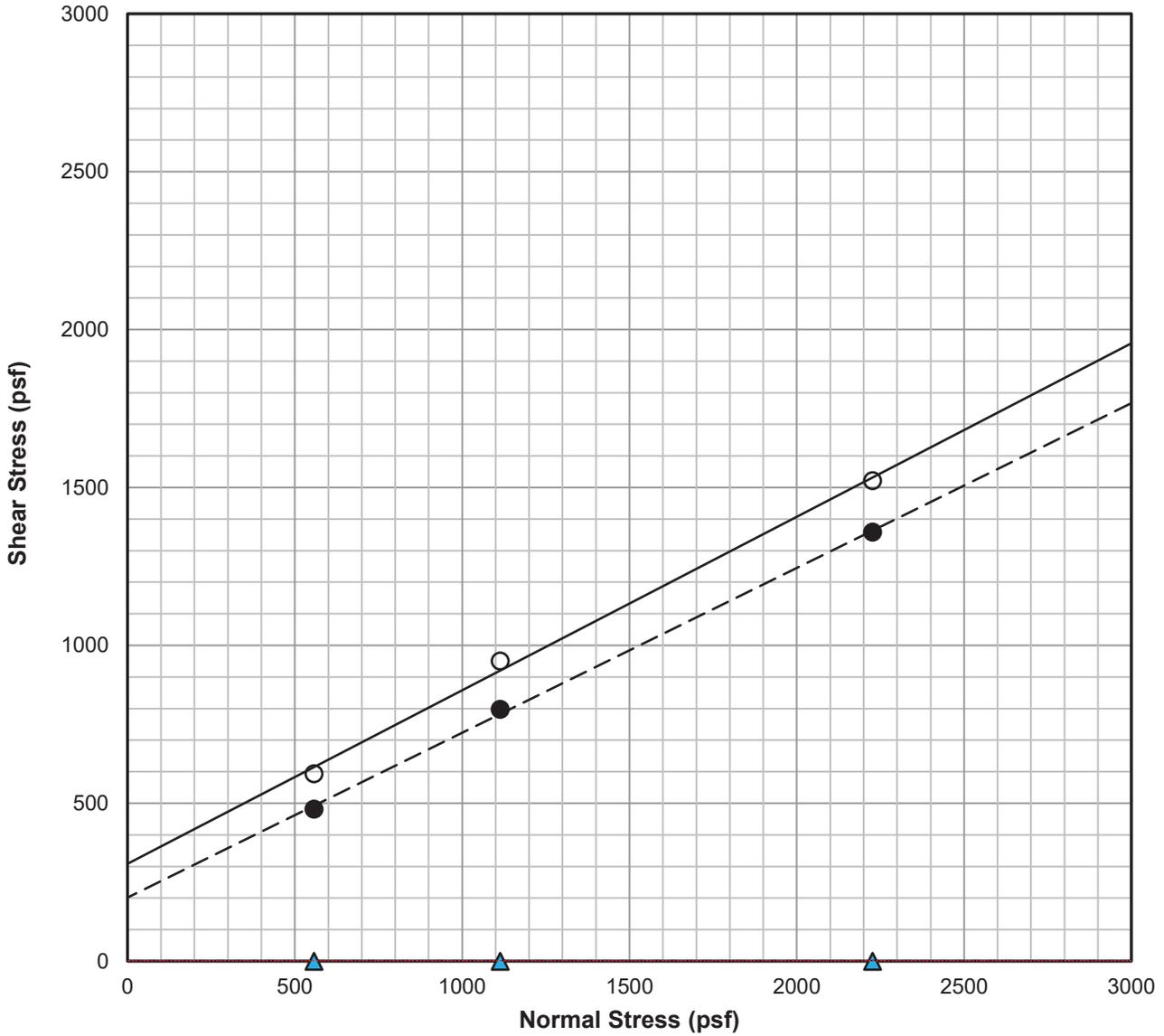
**GEOETKA, INC.**

Standard Test Method for Atterberg Limits (ASTM D4318)

Proposed Commercial Development  
2895 S. Main Street  
Corona, California

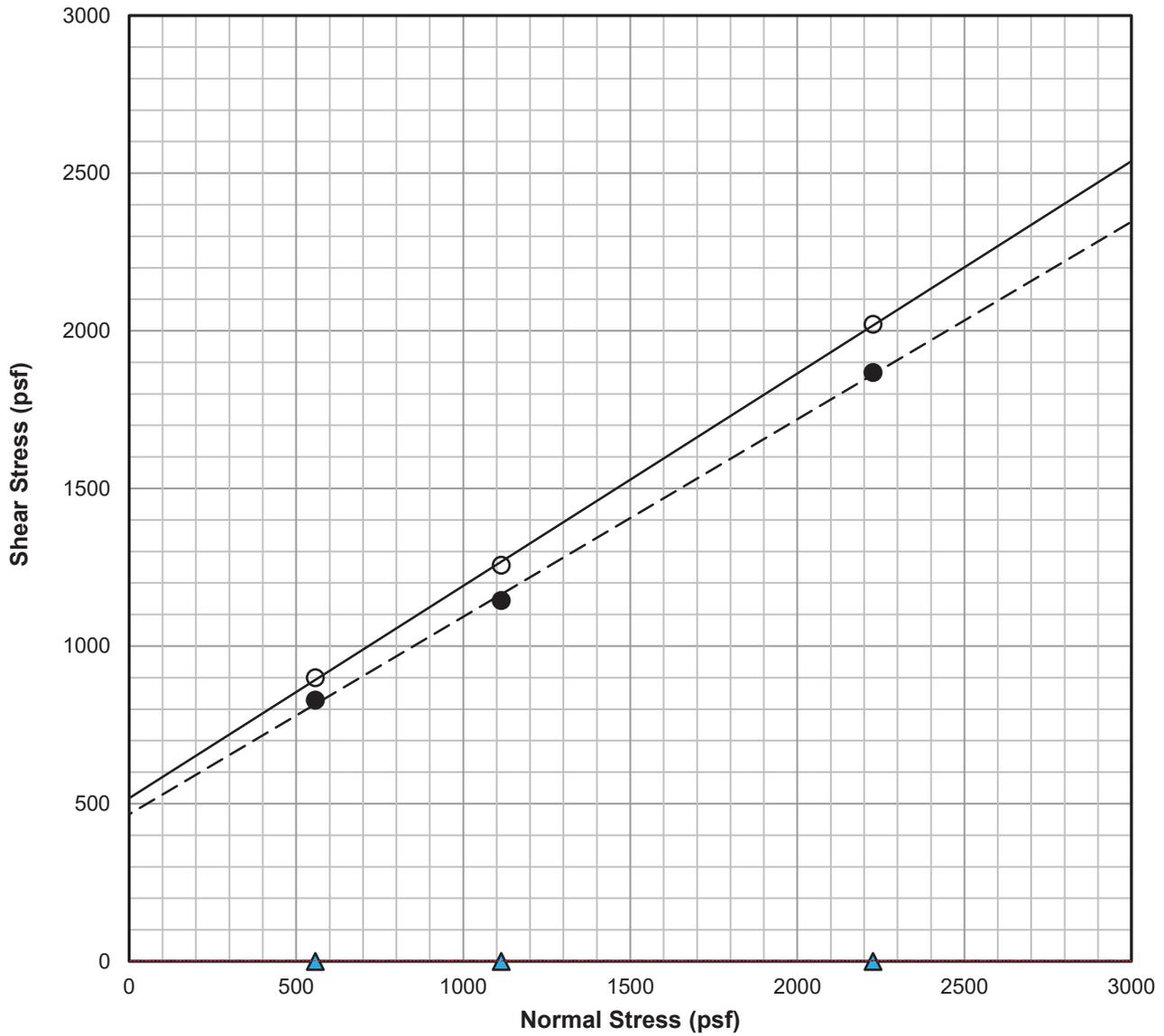
Project No.:	F-11936-22
Date:	2/25/2022
Tested by:	
Checked by:	
Exhibit:	Appendix C

### DIRECT SHEAR TEST RESULTS



Sample	Symbol	Description	Soil Type [USCS]	Shear Strength	Friction Angle $\phi$ [degrees]	Cohesion c [psf]
B-2 @ 5'	—○—	Clayey Sand	SC	Peak	29	308
B-2 @ 5'	—●—	Clayey Sand	SC	Ultimate	28	201
B-2 @ 5'	—▲—	Clayey Sand	SC	*Residual	N/A	N/A
Sample Moisture [%]		Saturated Moisture [%]		Dry Unit Weight [pcf]		
17.8		20.0		111.5		
<b>ASTM D-3080 (MODIFIED FOR CONSOLIDATED UNDRAINED CONDITION)</b>						
						<b>GEO-ETKA, INC.</b>

### DIRECT SHEAR TEST RESULTS



Sample	Symbol	Description	Soil Type [USCS]	Shear Strength	Friction Angle $\phi$ [degrees]	Cohesion c [psf]
B-4 @ 5'	—○—	Silty Sand w/ Gravel	SM	Peak	34	517
B-4 @ 5'	—●—	Silty Sand w/ Gravel	SM	Ultimate	32	466
B-4 @ 5'	—▲—	Silty Sand w/ Gravel	SM	*Residual	N/A	N/A
Sample Moisture [%]		Saturated Moisture [%]		Dry Unit Weight [pcf]		
13.1		17.9		107.0		
<b>ASTM D-3080</b> (MODIFIED FOR CONSOLIDATED UNDRAINED CONDITION)						
						<b>GEO-ETKA, INC.</b>

# EXPANSION INDEX TEST

(ASTM D4829)

BORING NUMBER  
AND SAMPLE DEPTH: B-1 @ 5'

SOIL TYPE (USCS): CL

CONFINING PRESSURE (psf): 144

INITIAL MOISTURE CONTENT (%): 11.1

FINAL MOISTURE CONTENT (%): 20.3

DRY DENSITY (pcf): 108.6

EXPANSION INDEX: 37

EXPANSION POTENTIAL: Low

DATE TESTED: 2/25/2022

TESTED BY: HMN

**GEO-ETKA, INC.**

PRELIMINARY SOIL INVESTIGATION REPORT  
Proposed Commercial Development  
2895 S. Mail Street  
Corona, California

Project No. FP-11936-22  
Checked: 2/25/2022  
Checked by:  
Exhibit:

# SOLUBLE SULFATE AND CHLORIDE TEST RESULTS

Project Name	2895 S. Main Street	Test Date	2/25/2022
Project No.	PF-11936-22	Date Sampled	2/05/2022
Project Location	Corona, Ca.	Sampled By	MN
Location in Structure	B-4 @ 0-5'	Sample Type	Bulk
Sampled Classification	SM	Tested By	MN

<b>TESTING INFORMATION</b>	Sample weight before drying	327.4
	Sample weight after drying	300.0
	Sample Weight Passing No. 10 Sieve	100.0
	Moisture	9.1%

Location	Mixing Ratio	Dilution Factor	Sulfate Reading (ppm)	Sulfate Content		Chloride Reading (ppm)	Chloride Content		pH
				(ppm)	(%)		(ppm)	(%)	
B-1	3	1	200	600	0.06				
			<b>Average</b>			<b>Average</b>			<b>Average</b>

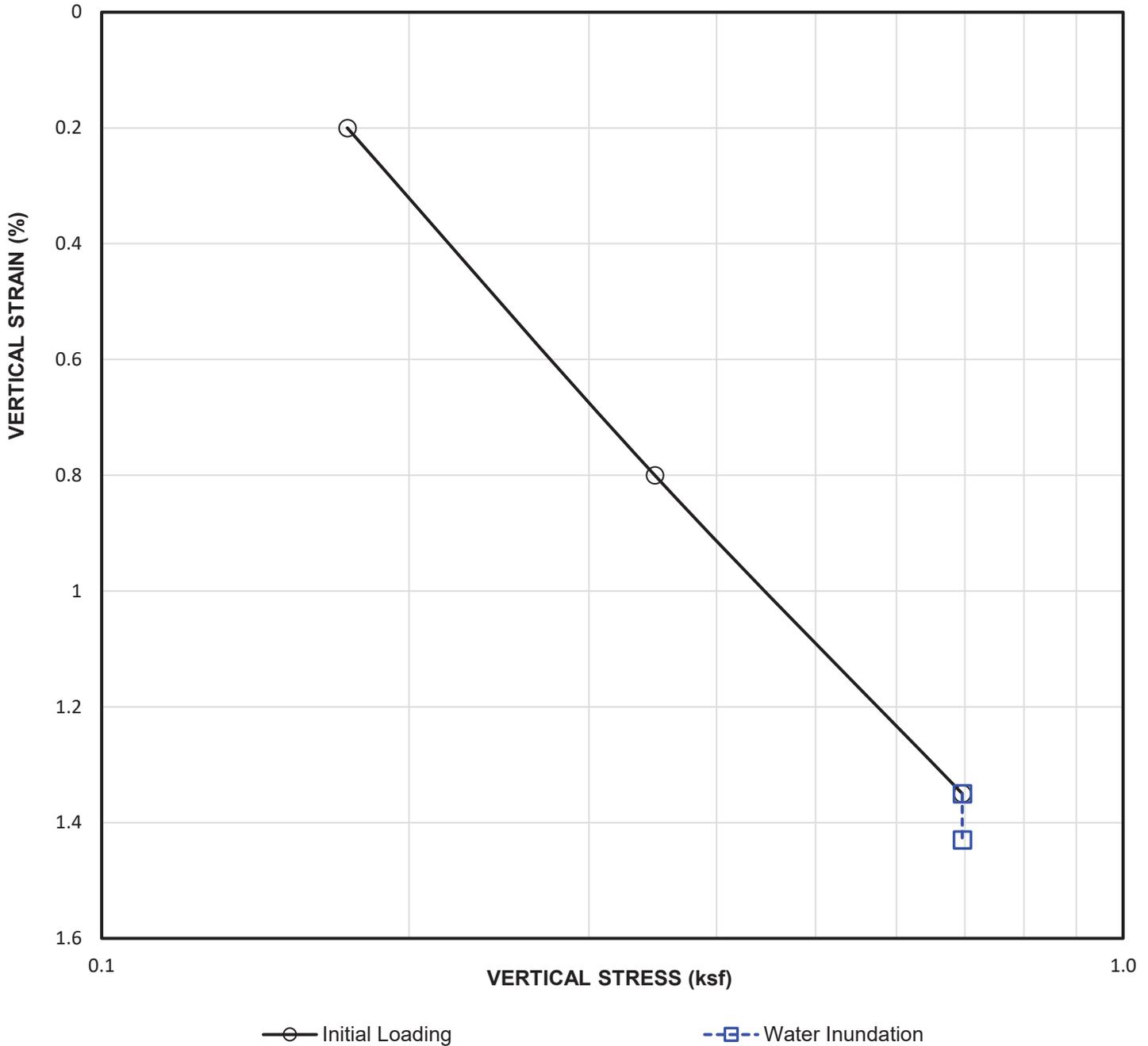
ACI 318-19 Table 19.3.2.1 - Requirements for Concrete by Exposure Class

Exposure Class	Water-Soluble Sulfate (%)	Maximum w/cm	Minimum f'c (psi)	Cementitious Material (Types)			Calcium Chloride Admixture
				ASTM C150-	ASTM C595	ASTM C1157	
S0	<0.10	N/A	2500	No Type Restriction	No Type Restriction	No Type Restriction	No Restriction
S1	0.10 to 0.20	0.50	4000	II	Type IP, IS, or IT with (MS) Designation	MS	No Restriction
S2	0.20 to 2.00	0.45	4500	V	Type IP, IS, or IT with (HS) Designation	HS	Not Permitted
S3	Option 1 >2.00	0.45	4500	V + Pozzolan or Slag Cement	Type IP, IS, or IT with (HS) Designation + Pozzolan or Slag Cement	HS + Pozzolan or Slag Cement	Not Permitted
	Option 2 >2.00	0.40	5000	V	Types with (HS) designation	HS	Not Permitted
Exposure Class	Maximum w/cm	Minimum f'c (psi)	Maximum Water-Soluble Chloride ion (Cl <sup>-</sup> ) Content in Concrete, Percent by Wight of Cement			Additional Provisions	
			Nonprestressed Concrete	Prestressed Concrete			
C0	N/A	2500	1.00	0.06	None		
C1	N/A	2500	0.30	0.06	None		
C2	0.40	5000	0.15	0.06	Concrete Cover		

Caltrans classifies a site as corrosive to structural concrete as an area where soil and/or water contains >500pp chloride, >2000ppm sulfate, or has a pH <5.5. A minimum resistivity of less than 1000 ohm-cm indicates the potential for corrosive environment requiring testing for the above criteria.

The information in this form is not intended for corrosion engineering design. If corrosion is critical, a corrosion specialist should be contacted to provide further recommendations.

### SWELL/COLLAPSE TEST REPORT



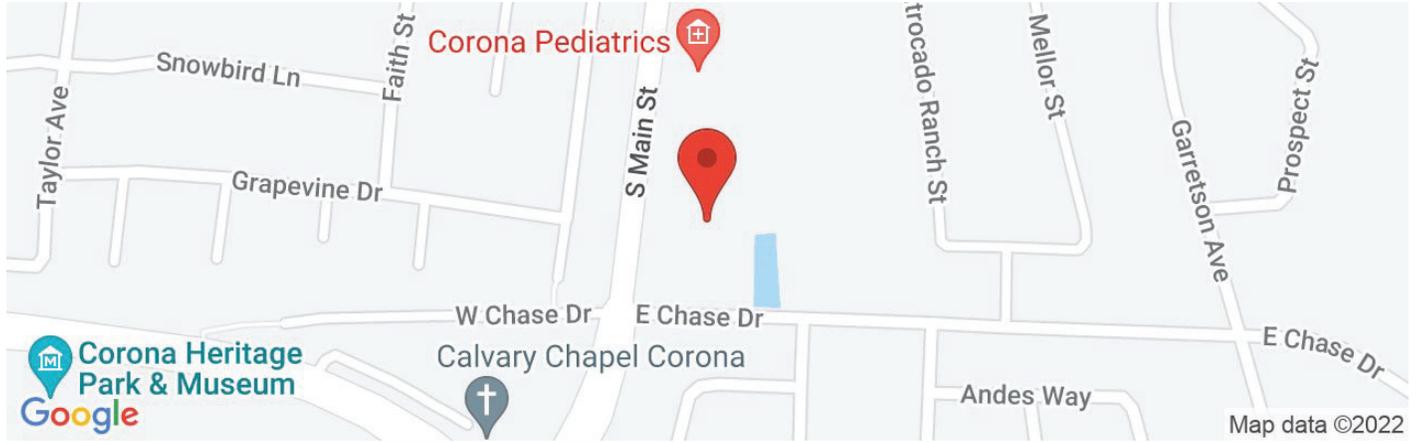
Sampler Type: California Ring Sampler			Condition: Before Test		After Test	
Diameter(in): 2.41	Height(in): 1.0		Water Content: $w_0 = 16.4\%$		$w_f = 19.4\%$	
Overburden Pressure, $P_0$ : 0.3 tsf			Void Ratio: $e_0 = 0.466$		$e_f = 0.445$	
Preconsol. Pressure, $P_c$ : N/A ksf			Saturation: $S_0 = 91.8\%$		$S_f = 113.3\%$	
LL: --	PL: --	PI: --	Dry Density: $\gamma_d = 110.6$ pcf		$\gamma_d = 112.3$ pcf	
Specific Gravity, $G_s$ : 2.6 (Assumed)			<b>SWELL/COLLAPSE TEST</b> (ASTM D4546, Method B)		<b>GEO-ETKA, INC.</b>	
% Collapse: 0.08 % "No Problem"						
Sample Location: B-3 @ 5'						
Soil Classification: SM						

## **APPENDIX D**

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Latitude, Longitude: 33.846352, -117.570124



Date	2/25/2022, 9:41:45 AM
Design Code Reference Document	ASCE7-16
Risk Category	II
Site Class	D - Default (See Section 11.4.3)

Type	Value	Description
S <sub>S</sub>	2.35	MCE <sub>R</sub> ground motion. (for 0.2 second period)
S <sub>1</sub>	0.905	MCE <sub>R</sub> ground motion. (for 1.0s period)
S <sub>MS</sub>	2.82	Site-modified spectral acceleration value
S <sub>M1</sub>	null -See Section 11.4.8	Site-modified spectral acceleration value
S <sub>DS</sub>	1.88	Numeric seismic design value at 0.2 second SA
S <sub>D1</sub>	null -See Section 11.4.8	Numeric seismic design value at 1.0 second SA

Type	Value	Description
SDC	null -See Section 11.4.8	Seismic design category
F <sub>a</sub>	1.2	Site amplification factor at 0.2 second
F <sub>v</sub>	null -See Section 11.4.8	Site amplification factor at 1.0 second
PGA	0.988	MCE <sub>G</sub> peak ground acceleration
F <sub>PGA</sub>	1.2	Site amplification factor at PGA
PGAM	1.186	Site modified peak ground acceleration
T <sub>L</sub>	8	Long-period transition period in seconds
SsRT	2.566	Probabilistic risk-targeted ground motion. (0.2 second)
SsUH	2.841	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
SsD	2.35	Factored deterministic acceleration value. (0.2 second)
S1RT	0.905	Probabilistic risk-targeted ground motion. (1.0 second)
S1UH	1.015	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S1D	0.932	Factored deterministic acceleration value. (1.0 second)
PGAd	0.988	Factored deterministic acceleration value. (Peak Ground Acceleration)
C <sub>RS</sub>	0.903	Mapped value of the risk coefficient at short periods
C <sub>R1</sub>	0.892	Mapped value of the risk coefficient at a period of 1 s

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# **APPENDIX E**

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## **GENERAL**

The guidelines contained herein and the standard details attached hereto represent this firm's standard recommendation for grading and other associated operations on construction projects. These guidelines should be considered a portion of the project specifications.

All plates attached hereto shall be considered as part of these guidelines.

The Contractor should not vary from these guidelines without prior recommendation by the Geotechnical Consultant and the approval of the Client or his authorized representative. Recommendation by the Geotechnical Consultant and/or Client should not be considered to preclude requirements for the approval by the controlling agency prior to the execution of any changes.

These Standard Grading Guidelines and Standard Details may be modified and/or superseded by recommendations contained in the text of the preliminary Geotechnical Report and/or subsequent reports.

If disputes arise out of the interpretation of these grading guidelines or standard details, the Geotechnical Consultant shall provide the governing interpretation.

## **DEFINITION OF TERMS**

### **ALLUVIUM**

*Unconsolidated soil deposits resulting from flow of water, including sediments deposited in river beds, canyons, flood plains, lakes, fans and estuaries.*

**AS-GRADED (AS-BUILT):** The surface and subsurface conditions at completion of grading.

**BACKCUT:** A temporary construction slope at the rear of earth retaining structures such as buttresses, shear keys, stabilization fills or retaining walls.

**BACKDRAIN:** Generally a pipe and gravel or similar drainage system placed behind earth retaining structures such as buttresses, stabilization fills, and retaining walls.

**BEDROCK:** Relatively undisturbed formational rock, more or less solid, either at the surface or beneath superficial deposits of soil.

**BENCH:** A relatively level step and near vertical rise excavated into sloping ground on which fill is to be placed.

**BORROW (Import):** Any fill material hauled to the project site from off-site areas.

**BUTTRESS FILL:** A fill mass, the configuration of which is designed by engineering calculations to retain slope conditions containing adverse geologic features. A buttress is generally specified by minimum key width and depth and by maximum backcut angle. A buttress normally contains a back-drainage system.

**CIVIL ENGINEER:** The Registered Civil Engineer or consulting firm responsible for preparation of the grading plans, surveying and verifying as-graded topographic conditions.

**CLIENT:** The Developer or his authorized representative who is chiefly in charge of the project. He shall have the responsibility of reviewing the findings and recommendations made by the Geotechnical Consultant and shall authorize the Contractor and/or other consultants to perform work and/or provide services.

**COLLUVIUM:** Generally loose deposits usually found near the base of slopes and brought there chiefly by gravity through slow continuous downhill creep (also see Slope Wash).

**COMPACTION :** Densification of man-placed fill by mechanical means.

**CONTRACTOR –** A person or company under contract or otherwise retained by the Client to perform demolition, grading and other site improvements.

**DEBRIS:** All products of clearing, grubbing, demolition, and contaminated soil materials unsuitable for reuse as compacted fill, and/or any other material so designated by the Geotechnical Consultant.

**ENGINEERING GEOLOGIST:** A Geologist holding a valid certificate of registration in the specialty of Engineering Geology.

**ENGINEERED FILL:** A fill of which the Geotechnical Consultant or his representative, during grading, has made sufficient tests to enable him to conclude that the fill has been placed in substantial compliance with the recommendations of the Geotechnical Consultant and the governing agency requirements.

**EROSION:** The wearing away of ground surface as a result of the movement of wind, water, and/or ice.

**EXCAVATION:** The mechanical removal of earth materials.

**EXISTING GRADE:** The ground surface configuration prior to grading.

**FILL:** Any deposits of soil, rock, soil-rock blends or other similar materials placed by man.

**FINISH GRADE:** The ground surface configuration at which time the surface elevations conform to the approved plan.

**GEOFABRIC:** Any engineering textile utilized in geotechnical applications including subgrade stabilization and filtering.

**GEOLOGIST:** A representative of the Geotechnical Consultant educated and trained in the field of geology.

**GEOTECHNICAL CONSULTANT:** The Geotechnical Engineering and Engineering Geology consulting firm retained to provide technical services for the project. For the purpose of these specifications, observations by the Geotechnical Consultant include observations by the Soil Engineer, Geotechnical Engineer, Engineering Geologist and those performed by persons employed by and responsible to the Geotechnical Consultants.

**GEOTECHNICAL ENGINEER:** A licensed Geotechnical Engineer or Civil Engineer who applies scientific methods, engineering principles and professional experience to the acquisition, interpretation and use of knowledge of materials of the earth's crust for the evaluation of engineering problems. Geotechnical Engineering encompasses many of the engineering aspects of soil mechanics, rock mechanics, geology, geophysics, hydrology and related sciences.

**GRADING:** Any operation consisting of excavation, filling or combinations thereof and associated operations.

**LANDSIDE DEBRIS:** Material, generally porous and of low density, produced from instability of natural or man-made slopes.

**MAXIMUM DENSITY:** Standard laboratory test for maximum dry unit weight. Unless otherwise specified, the maximum dry unit weight shall be determined in accordance with ASTM Method of Test D 1557-91.

**OPTIMUM MOISTURE** – Soil moisture content at the test maximum density.

**RELATIVE COMPACTION:** The degree of compaction (expressed as a percentage) of dry unit weight of a material as compared to the maximum dry unit weight of the material.

**ROUGH GRADE:** The ground surface configuration at which time the surface elevations approximately conform to the approved plan.

**SITE:** The particular parcel of land where grading is being performed.

**SHEAR KEY:** Similar to buttress, however, it is generally constructed by excavating a slot within a natural slope, in order to stabilize the upper portion of the slope without grading encroaching into the lower portion of the slope.

**SLOPE:** An inclined ground surface, the steepness of which is generally specified as a ration of horizontal:vertical (e.g., 2:1)

**SLOPE WASH:** Soil and/or rock material that has been transported down a slope by action of gravity assisted by runoff water not confined by channels (also see Colluvium).

**SOIL:** Naturally occurring deposits of sand, silt, clay, etc., or combinations thereof.

**SOIL ENGINEER:** Licensed Geotechnical Engineer or Civil Engineer experienced in soil mechanics (also see Geotechnical Engineer).

**STABILIZATION FILL:** A fill mass, the configuration of which is typically related to slope height and specified by the standards of practice for enhancing the stability of locally adverse conditions. A stabilization fill is normally specified by minimum key width and depth and by maximum backcut angle. A stabilization fill may or may not have a backdrainage system specified.

**SUBDRAIN:** Generally a pipe and gravel or similar drainage system placed beneath a fill in the alignment of canyons or formed drainage channels.

**SLOUGH:** Loose, non-compacted fill material generated during grading operations.

**TAILINGS:** Non-engineered fill which accumulates on or adjacent to equipment haul-roads.

**TERRACE:** Relatively level step constructed in the face of a graded slope surface for drainage control and maintenance purposes.

**TOPSOIL:** The presumable fertile upper zone of soil, which is usually darker in color and loose.

**WINDROW:** A string of large rocks buried within engineered fill in accordance with guidelines set forth by the Geotechnical Consultant.

## **OBLIGATIONS OF PARTIES**

The Geotechnical Consultant should provide observation and testing services and should make evaluations in order to advise the Client on Geotechnical matters. The Geotechnical Consultant should report his findings and recommendations to the Client or his authorized representative.

The client should be chiefly responsible for all aspects of the project. He or his authorized representative has the responsibility of reviewing the findings and recommendations of the Geotechnical Consultant. He shall authorize or cause to have authorized the Contractor and/or other consultants to perform work and/or provide services.

During grading the Client or his authorized representative should remain on-site or should remain reasonably accessible to all concerned parties in order to make decisions necessary to maintain the flow of the project. The Contractor should be responsible for the safety of the project and satisfactory completion of all grading and other associated operations on construction projects, including but not limited to, earthwork in accordance with the project plans, specifications and controlling agency requirements. During grading, the Contractor or his authorized representative should remain on-site. Overnight and on days off, the Contractor should remain accessible.

### **SITE PREPARATION**

The Client, prior to any site preparation or grading, should arrange and attend a meeting among the Grading Contractor, the Design Engineer, the Geotechnical Consultant, representatives of the appropriate governing authorities as well as any other concerned parties. All parties should be given at least 48 hours notice.

Clearing and grubbing should consist of the removal of vegetation such as brush, grass, woods, stumps, trees, roots of trees and otherwise deleterious natural materials from the areas to be graded. Clearing and grubbing should extend to the outside of all proposed excavation and fill areas.

Demolition should include removal of buildings, structures, foundations, reservoirs, utilities (including underground pipelines, septic tanks, leach fields, seepage pits, cisterns, mining shafts, tunnels, etc.) and man-made surface and subsurface improvements from the areas to be graded. Demolition of utilities should include proper capping and/or re-routing pipelines at the project perimeter and cutoff and capping of wells in accordance with the requirements of the governing authorities and the recommendations of the Geotechnical Consultant at the time of the demolition.

Trees, plants or man-made improvements not planned to be removed or demolished should be protected by the Contractor from damage or injury.

Debris generated during clearing, grubbing and/or demolition operations should be wasted from areas to be graded and disposed off-site. Clearing, grubbing and demolition operations should be performed under the observation of the Geotechnical Consultant.

The Client or Contractor should obtain the required approvals for the controlling authorities for the project prior, during and/or after demolition, site preparation and removals, etc. The appropriate approvals should be obtained prior to proceeding with grading operations.

### **SITE PROTECTION**

Protection of the site during the period of grading should be the responsibility of the Contractor. Unless other provisions are made in writing and agreed upon among the concerned parties, completion of a portion of the project should not be considered to preclude that portion or adjacent areas from the requirements for site protection until such time as the entire project is complete as identified by the Geotechnical Consultant, the Client and the regulating agencies.

The Contractor should be responsible for the stability of all temporary excavations. Recommendations by the Geotechnical Consultant pertaining to temporary excavations (e.g., backcuts) are made in consideration of stability of the completed project and therefore, should not be considered to preclude the responsibilities of the Contractor. Recommendations by the Geotechnical Consultant should not be considered to preclude more restrictive requirements by the regulating agencies.

Precautions should be taken during the performance of site clearing, excavations and grading to protect the work site from flooding, ponding, or inundation by poor or improper surface drainage. Temporary provisions should be made during the rainy season to adequately direct surface drainage away from and off the work site. Where low areas can not be avoided, pumps should be kept on hand to continually remove water during periods of rainfall.

During periods of rainfall, plastic sheeting should be kept reasonably accessible to prevent unprotected slopes from becoming saturated. Where necessary during periods of rainfall, the Contractor should install check-dams de-silting basins, rip-rap, sandbags or other devices or methods necessary to control erosion and provide safe conditions.

During periods of rainfall, the Geotechnical Consultant should be kept informed by the Contractor as to the nature of remedial or preventative work being performed (e.g., pumping, placement of sandbags or plastic sheeting, other labor, dozing, etc.).

Following periods of rainfall, the Contractor should contact the Geotechnical Consultant and arrange a walk-over of the site in order to visually assess rain related damage. The Geotechnical Consultant may also recommend excavations and testing in order to aid in his assessments. At the request of the Geotechnical Consultant, the Contractor shall make excavations in order to evaluate the extent of rain related damage.

Rain-related damage should be considered to include, but may not be limited to, erosion, silting, saturation, swelling, structural distress and other adverse conditions identified by the Geotechnical Consultant. Soil adversely affected should be classified as Unsuitable Materials and should be subject to overexcavation and replaced with compacted fill or other remedial grading as recommended by the Geotechnical Consultant.

Relatively level areas, where saturated soils and/or erosion gullies exist to depths greater than 1 foot, should be overexcavated to unaffected, competent material. Where less than 1 foot in depth, unsuitable materials may be processed in-place to achieve near optimum moisture conditions, then thoroughly recompacted in accordance with the applicable specifications. If the desired results are not achieved, the affected materials should be overexcavated then replaced in accordance with the applicable specifications.

In slope areas, where saturated soil and/or erosion gullies exist to depths of greater than 1 foot, should be over-excavated to unaffected, competent material. Where affected materials exist to depths of 1 foot or less below proposed finished grade, remedial grading by moisture conditioning in-place, followed by thorough recompaction in accordance with the applicable grading guidelines herein may be attempted. If the desired results are not achieved, all affected materials should be overexcavated and replaced as compacted fill in accordance with the slope repair recommendations herein. As field conditions dictate, other slope repair procedures may be recommended by the Geotechnical Consultant.

## **EXCAVATIONS**

### **UNSUITABLE MATERIALS:**

Materials which are unsuitable should be excavated under observation and recommendations of the Geotechnical Consultant. Unsuitable materials include, but may not be limited to dry, loose, soft, wet, organic compressible natural soils and fractured, weathered, soft, bedrock and nonengineered or otherwise deleterious fill materials.

Materials identified by the Geotechnical Consultant as unsatisfactory due to its moisture conditions should be overexcavated, watered or dried, as needed, and thoroughly blended to uniform near optimum moisture condition (per Moisture guidelines presented herein) prior to placement as compacted fill.

### **CUT SLOPES:**

Unless otherwise recommended by the Geotechnical Consultant and approved by the regulating agencies, permanent cut slopes should not be steeper than 2:1 (horizontal:vertical).

If excavations for cut slopes expose loose, cohesionless, significantly fractured or otherwise suitable material, overexcavation and replacement of the unsuitable materials with a compacted stabilization fill should be accomplished as recommended by the Geotechnical Consultant. Unless otherwise specified by the Geotechnical Consultant, stabilization fill construction should conform to the requirements of the Standard Details.

The Geotechnical Consultant should review cut slopes during excavation. The Geotechnical Consultant should be notified by the contractor prior to beginning slope excavations.

If during the course of grading, adverse or potentially adverse geotechnical conditions are encountered which were not anticipated in the preliminary report, the Geotechnical Consultant should explore, analyze and make recommendations to treat these problems.

When cuts slopes are made in the direction of the prevailing drainage, a non-erodible diversion swale (brow ditch) should be provided at the top-of-cut.

### **PAD AREAS:**

All lot pad areas, including side yard terraces, above stabilization fills or buttresses should be over-excavated to provide for a minimum of 3-feet (refer to Standard Details) of compacted fill over the entire pad area. Pad areas with both fill and cut materials exposed and pad areas containing both very shallow (less than 3-feet) and deeper fill should be over- thickness (refer to Standard Details).

Cut areas exposing significantly varying material types should also be overexcavated to provide for at least a 3-foot thick compacted fill blanket. Geotechnical conditions may require greater depth of overexcavation.

The actual depth should be delineated by the Geotechnical Consultant during grading.

For pad areas created above cut or natural slopes, positive drainage should be established away from the top-of-slope. This may be accomplished utilizing a berm and/or an appropriate pad gradient. A gradient in soil areas away from the top-of-slope of 2 percent or greater is recommended.

### **COMPACTED FILL**

All fill materials should be compacted as specified below or by other methods specifically recommended by the Geotechnical Consultant. Unless otherwise specified, the minimum degree of compaction (relative compaction) should be 90 percent of the laboratory maximum density.

### **PLACEMENT**

Prior to placement of compacted fill, the Contractor should request a review by the Geotechnical Consultant of the exposed ground surface. Unless otherwise recommended, the exposed ground surface should then be scarified (6-inches minimum), watered or dried as needed, thoroughly blended to achieve near optimum moisture conditions, then thoroughly compacted to a minimum of 90 percent of the maximum density. The review by the Geotechnical Consultants should not be considered to preclude requirements of inspection and approval by the governing agency.

Compacted fill should be placed in thin horizontal lifts not exceeding 8-inches in loose thickness prior to compaction. Each lift should be watered or dried as needed, thoroughly blended to achieve near optimum moisture conditions then thoroughly compacted by mechanical methods to a minimum of 90 percent of laboratory maximum dry density. Each lift should be treated in a like manner until the desired finished grades are achieved.

The Contractor should have suitable and sufficient mechanical compaction equipment and watering apparatus on the job site to handle the amount of fill being placed in consideration of moisture retention properties of the materials. If necessary, excavation equipment should be "shut down" temporarily in order to permit proper compaction of fills. Earth moving equipment should only be considered a supplement and not substituted for conventional compaction equipment.

When placing fill in horizontal lifts adjacent to areas sloping steeper than 5:1 (horizontal:vertical), horizontal keys and vertical benches should be excavated into the adjacent slope area. Keying and benching should be sufficient to provide at least 6-foot wide benches and minimum of 4-feet of vertical bench height within the firm natural ground, firm bedrock or engineered compacted fill. No compacted fill should be placed in an area subsequent to keying and benching until the area has been reviewed by the Geotechnical Consultant. Material generated by the benching operation should be moved sufficiently away from the bench area to allow for the recommended review of the horizontal bench prior to placement of fill. Typical keying and benching details have been included within the accompanying Standard Details.

Within a single fill area where grading procedures dictate two or more separate fills, temporary slopes (false slopes) may be created. When placing fill adjacent to a false slope, benching should be conducted in the same manner as above described. At least a 3-foot vertical bench should be established within the firm core of adjacent approved compacted fill prior to placement of additional fill. Benching should proceed in at least 3-foot vertical increments until the desired finished grades are achieved.

Fill should be tested for compliance with the recommended relative compaction and moisture conditions. Field density testing should conform to ASTM Method of Testing D 1556-64, D 2922-78 and/or D2937-71. Tests should be provided for about every 2 vertical feet or 1,000 cubic yards of fill placed. Actual test intervals may vary as field conditions dictate. Fill found not to be in conformance with the grading recommendations should be removed or otherwise handled as recommended by the Geotechnical Consultant.

The Contractor should assist the Geotechnical Consultant and/or his representative by digging test pits for removal determinations and/or for testing compacted fill.

As recommended by the Geotechnical Consultant, the Contractor should "shutdown" or remove any grading equipment from an area being tested.

The Geotechnical Consultant should maintain a plan with estimated locations of field tests. Unless the client provides for actual surveying of test locations, by the Geotechnical Consultant should only be considered rough estimates and should not be utilized for the purpose of preparing cross sections showing test locations or in any case for the purpose of after-the-fact evaluating of the sequence of fill placement.

### MOISTURE

For field testing purposes, "near optimum" moisture will vary with material type and other factors including compaction procedures. "Near optimum" may be specifically recommended in Preliminary Investigation Reports and/or may be evaluated during grading.

Prior to placement of additional compacted fill following an overnight or other grading delay, the exposed surface of previously compacted fill should be processed by scarification, watered or dried as needed, thoroughly blended to near-optimum moisture conditions, then recompacted to a minimum of 90 percent of laboratory maximum dry density. Where wet or other dry or other unsuitable materials exist to depths of greater than one foot, the unsuitable materials should be overexcavated.

Following a period of flooding, rainfall or overwatering by other means, no additional fill should be placed until damage assessments have been made and remedial grading performed as described herein.

### FILL MATERIAL

Excavated on-site materials which are acceptable to the Geotechnical Consultant may be utilized as compacted fill, provided trash, vegetation and other deleterious materials are removed prior to placement.

Where import materials are required for use on-site, the Geotechnical Consultant should be notified at least 72 hours in advance of importing, in order to sample and test materials from proposed borrow sites. No import materials should be delivered for use on-site without prior sampling and testing by Geotechnical Consultant.

Where oversized rock or similar irreducible material is generated during grading, it is recommended, where practical, to waste such material off-site or on-site in areas designated as "nonstructural rock disposal areas". Rock placed in disposal areas should be placed with sufficient fines to fill voids. The rock should be compacted in lifts to an unyielding condition. The disposal area should be covered with at least 3-feet of compacted fill, which is free of oversized material. The upper 3-feet should be placed in accordance with the guidelines for compacted fill herein.

Rocks 3 inches in maximum dimension and smaller may be utilized within the compacted fill, provided they are placed in such a manner that nesting of the rock is avoided. Fill should be placed and thoroughly compacted over and around all rock. The amount of rock should not exceed 40 percent by dry weight passing the 3/4-inch sieve size. The 3-inch and 40 percent recommendations herein may vary as field conditions dictate.

During the course of grading operations, rocks or similar irreducible materials greater than 3-inch maximum dimension (oversized material) may be generated. These rocks should not be placed within the compacted fill unless placed as recommended by the Geotechnical Consultant.

Where rocks or similar irreducible materials of greater than 3-inches but less than 4-feet of maximum dimension are generated during grading, or otherwise desired to be placed within an engineered fill, special handling in accordance with the accompanying Standard Details is recommended. Rocks greater than 4 feet should be broken down or disposed off-site. Rocks up to 4-feet maximum dimension should be placed below the upper 10-feet of any fill and should not be closer than 20-feet to any slope face. These recommendations could vary as locations of improvements dictate. Where practical, oversized material should not be placed below areas where structures of deep utilities are proposed.

Oversized material should be placed in windrows on a clean, overexcavated or unyielding compacted fill or firm natural ground surface. Select native or imported granular soil (S.E. 30 or higher) should be placed and thoroughly flooded over and around all windrowed rock, such that voids are filled. Windrows of oversized material should be staggered so that successive strata of oversized material are not in the same vertical plane.

It may be possible to dispose of individual larger rock as field conditions dictate and as recommended by the Geotechnical Consultant at time of placement.

Material that is considered unsuitable by the Geotechnical Consultant should not be utilized in the compacted fill.

During grading operations, placing and mixing the materials from the cut and/or borrow areas may result in soil mixtures which possess unique physical properties. Testing may be required of samples obtained directly from the fill areas in order to verify conformance with the specifications. Processing of these additional samples may take two or more working days. The Contractor may elect to move the operation to other areas within the project, or may continue placing compacted fill pending laboratory and field test results. Should he elect the second alternative, fill placed is done so at the Contractor's risk.

Any fill placed in areas not previously reviewed and evaluated by the Geotechnical Consultant, and/or in other areas, without prior notification to the Geotechnical Consultant may require removal and recompaction at the Contractor's expense. Determination of overexcavations should be made upon review of field conditions by the Geotechnical Consultant.

#### FILL SLOPES

Unless otherwise recommended by the Geotechnical Consultant and approved by the regulating agencies, permanent fill slopes should not be steeper than 2:1 (horizontal to vertical).

Except as specifically recommended otherwise or as otherwise provided for in these grading guidelines (Reference Fill Materials), compacted fill slopes should be overbuilt and cut back to grade, exposing the firm, compacted fill inner core. The actual amount of overbuilding may vary as field conditions dictate. If the desired results are not achieved, the existing slopes should be overexcavated and reconstructed under the guidelines of the Geotechnical Consultant. The degree of overbuilding shall be increased until the desired compacted slope surface condition is achieved. Care should be taken by the Contractor to provide thorough mechanical compaction to the outer edge of the overbuilt slope surface.

Although no construction procedure produces a slope free from risk of future movement, overfilling and cutting back of slope to a compacted inner core is, given no other constraints, the most desirable procedure. Other constraints, however, must often be considered. These constraints may include property line situations, access, the critical nature of the development, and cost. Where such constraints are identified, slope face compaction may be attempted by conventional construction procedures including backrolling techniques upon specific recommendations by the Geotechnical Consultant.

As a second best alternative for slopes of 2:1 (horizontal to vertical) or flatter, slope construction may be attempted as outlined herein. Fill placement should proceed in thin lifts, (i.e., 6 to 8 inch loose thickness). Each lift should be moisture conditioned and thoroughly compacted. The desired moisture condition should be maintained and/or reestablished, where necessary, during the period between successive lifts. Selected lifts should be tested to ascertain that desired compaction is being achieved. Care should be taken to extend compactive effort to the outer edge of the slope. Each lift should extend horizontally to the desired finished slope surface or more as needed to ultimately establish desired grades. Grade during construction should not be allowed to roll off at the edge of the slope. It may be helpful to elevate slightly the outer edge of the slope. Slough resulting from the placement of individual lifts should not be allowed to drift down over previous lifts. At intervals not exceeding 4-feet in vertical slope height or the capability of available equipment, whichever is less, fill slopes should be thoroughly backrolled utilizing a conventional sheepfoot-type roller. Care should be taken to maintain the desired moisture conditions and/or reestablishing same as needed prior to backrolling. Upon achieving final grade, the slopes should again be moisture conditioned and thoroughly backrolled. The use of a side-boom roller will probably be necessary and vibratory methods are strongly recommended. Without delay, so as to avoid (if possible) further moisture conditioning, the slopes should then be grid-rolled to achieve a relatively smooth surface and uniformly compact condition.

In order to monitor slope construction procedures, moisture and density tests will be taken at regular intervals. Failure to achieve the desired results will likely result in a recommendation by the Geotechnical Consultant to overexcavate the slope surfaces followed by reconstruction of the slopes utilizing overfilling and cutting back procedures and/or further attempt at the conventional backrolling approach. Other recommendations may also be provided which would be commensurate with field conditions.

Where placement of fill above a natural slope or above a cut slope is proposed, the fill slope configuration as presented in the accompanying standard Details should be adopted.

For pad areas above fill slopes, positive drainage should be established away from the top-of-slope. This may be accomplished utilizing a berm and pad gradients of at least 2-percent in soil area.

#### OFF-SITE FILL

Off-site fill should be treated in the same manner as recommended in these specifications for site preparation, excavation, drains, compaction, etc.

Off-site canyon fill should be placed in preparation for future additional fill, as shown in the accompanying Standard Details.

Off-site fill subdrains temporarily terminated (up canyon) should be surveyed for future relocation and connection.

## **DRAINAGE**

Canyon sub-drain systems specified by the Geotechnical Consultant should be installed in accordance with the Standard Details.

Typical sub-drains for compacted fill buttresses, slope stabilization or sidehill masses, should be installed in accordance with the specifications of the accompanying Standard Details.

Roof, pad and slope drainage should be directed away from slopes and areas of structures to suitable disposal areas via non-erodible devices (i.e., gutters, downspouts, concrete swales).

For drainage over soil areas immediately away from structures (i.e., within 4-feet), a minimum of 4 percent gradient should be maintained. Pad drainage of at least 2 percent should be maintained over soil areas. Pad drainage may be reduced to at least 1 percent for projects where no slopes exist, either natural or man-made, or greater than 10-feet in height and where no slopes are planned, either natural or man-made, steeper than 2:1 (horizontal to vertical slope ratio).

Drainage patterns established at the time of fine grading should be maintained throughout the life of the project. Property owners should be made aware that altering drainage patterns can be detrimental to slope stability and foundation performance.

## **STAKING**

In all fill areas, the fill should be compacted prior to the placement of the stakes. This particularly is important on fill slopes. Slope stakes should not be placed until the slope is thoroughly compacted (backrolled). If stakes must be placed prior to the completion of compaction procedures, it must be recognized that they will be removed and/or demolished at such time as compaction procedures resume.

In order to allow for remedial grading operations, which could include overexcavations or slope stabilization, appropriate staking offsets should be provided. For finished slope and stabilization backcut areas, we recommend at least 10-foot setback from proposed toes and tops-of-cut.

## **SLOPE MAINTENANCE LANDSCAPE PLANTS**

In order to enhance superficial slope stability, slope planting should be accomplished at the completion of grading. Slope planting should consist of deep-rooting vegetation requiring little watering. Plants native to the Southern California area and plants relative to native plants are generally desirable. Plants native to other semiarid and arid areas may also be appropriate. A Landscape Architect would be the best party to consult regarding actual types of plants and planting configuration.

## **IRRIGATION**

Irrigation pipes should be anchored to slope faces, not placed in trenches excavated into slope faces.

Slope irrigation should be minimized. If automatic timing devices are utilized on irrigation systems, provisions should be made for interrupting normal irrigation during periods of rainfall.

Though not a requirement, consideration should be given to the installation of near-surface moisture monitoring control devices. Such devices can aid in the maintenance of relatively uniform and reasonably constant moisture conditions.

Property owners should be made aware that overwatering of slopes is detrimental to slope stability.

## **MAINTENANCE**

Periodic inspections of landscaped slope areas should be planned and appropriate measures should be taken to control weeds and enhance growth of the landscape plants. Some areas may require occasional replanting and/or reseeding.

Terrace drains and downdrains should be periodically inspected and maintained free of debris. Damage to drainage improvements should be repaired immediately.

Property owners should be made aware that burrowing animals can be detrimental to slope stability. A preventative program should be established to control burrowing animals.

As a precautionary measure, plastic sheeting should be readily available, or kept on hand, to protect all slope areas from saturation by periods of heavy or prolonged rainfall. This measure is strongly recommended, beginning with the period of time prior to landscape planting.

### **REPAIRS**

If slope failures occur, the Geotechnical Consultant should be contacted for a field review of site conditions and development of recommendations for evaluation and repair.

If slope failure occurs as a result of exposure to periods of heavy rainfall, the failure areas and currently unaffected areas should be covered with plastic sheeting to protect against additional saturation.

In the accompanying Standard Details, appropriate repair procedures are illustrated for superficial slope failures (i.e., occurring typically within the outer 1 foot to 3 feet of a slope face).

### **TRENCH BACKFILL**

Utility trench backfill should, unless otherwise recommended, be compacted by mechanical means. Unless otherwise recommended, the degree of compaction should be a minimum of 95 percent of the laboratory maximum density.

Approved granular material (sand equivalent greater than 30) should be used to bed and backfill utilities to a depth of at least 1 foot over the pipe. This backfill should be uniformly watered, compacted and/or wheel-rolled from the surface to a firm condition for pipe support.

The remainder of the backfill shall be typical on-site soil or imported soil which should be placed in lifts not exceeding 8 inches in thickness, watered or aerated to at least 3 percent above the optimum moisture content, and mechanically compacted to at least 95 percent of maximum dry density (based on ASTM D1557).

Backfill of exterior and interior trenches extending below a 1:1 projection from the outer edge of foundations should be mechanically compacted to a minimum of 95 percent of the laboratory maximum density.

Within slab areas, but outside the influence of foundations, trenches up to 1 foot wide and 2 feet deep may be backfilled with sand and consolidated by uniformly watering or by mechanical means. If on-site materials are utilized, they should be wheel-rolled, tamped or otherwise compacted to a firm condition. For minor interior trenches, density testing may be deleted or spot testing may be elected if deemed necessary, based on review of back-fill operations during construction.

If utility contractors indicate that it is undesirable to use compaction equipment in close proximity to a buried conduit, the Contractor may elect the utilization of light weight compaction equipment and/or shading of the conduit with clean, granular material, which should be thoroughly jetted in-place above the conduit, prior to initiating mechanical compaction procedures. Other methods of utility trench compaction may also be appropriate, upon review by the Geotechnical Consultant at the time of construction.

In cases where clean granular materials are proposed for use in lieu of native materials or where flooding or jetting is proposed, the procedures should be considered subject to review by the Geotechnical Consultant.

Clean Granular backfill and/or bedding are not recommended in slope areas unless provisions are made for a drainage system to mitigate the potential build-up of seepage forces.

### **STATUS OF GRADING**

Prior to proceeding with any grading operation, the Geotechnical Consultant should be notified at least two working days in advance in order to schedule the necessary observation and testing services.

Prior to any significant expansion of cut back in the grading operation, the Geotechnical Consultant should be provided with adequate notice (i.e., two days) in order to make appropriate adjustments in observation and testing services.

Following completion of grading operations and/or between phases of a grading operation, the Geotechnical Consultant should be provided with at least two working days notice in advance of commencement of additional grading operations.

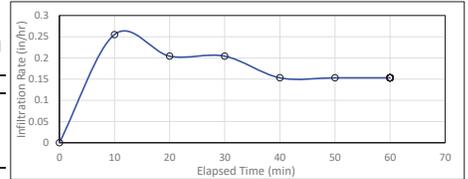
# **APPENDIX F**

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**DOUBLE RING INFILTROMETER TEST DATA**  
(Falling Head Method)

**P-1**

Project Identification 2895 S. Main Street, Corona, CA Constants Area, cm<sup>2</sup> Liq depth, cm No. Vol / ΔH  
 Project No. FP-11936-22 Inner ring 182.3  
 Tested By AM & HMN Annular space 717.2  
 Tested Depth 12"  
 Depth to water table N/A Inner ring penetration 7.7 cm  
 Ground Temp 23.0 °C @ depth 12" Outer ring penetration 6.4 cm  
 Liquid Used Water pH 7.6 Liquid level maintained using: N/A



No.	S or E	Date	Time (hr)	Elpd Time Δ / total (min)	Flow Readings				Liq Temp °C	Infiltration Rate		Remarks
					Inner		Annular			Inner in / h	Annular in / h	
					height, cm	flow, cm <sup>3</sup>	height, cm	flow, cm <sup>3</sup>				
1	S	2/7/22	0:00	10	121.0	50	120.0	700	24.0 °C	0.65	2.31	
	E	2/7/22	0:10		115.0		112.0					
2	S	2/7/22	0:00	20	121.0	40	120.0	650		0.52	2.14	
	E	2/7/22	0:10		116.0		114.0					
3	S	2/7/22	0:00	30	121.0	40	120.0	600		0.52	1.98	
	E	2/7/22	0:10		115.0		115.0					
4	S	2/7/22	0:00	40	121.0	30	120.0	600		0.39	1.98	
	E	2/7/22	0:10		116.0		115.0					
5	S	2/7/22	0:00	50	121.0	30	120.0	650		0.39	2.14	
	E	2/7/22	0:10		116.0		116.0					
6	S	2/7/22	0:00	60	121.0	30	120.0	600		0.39	1.98	
	E	2/7/22	0:10		116.0		116.0					
7	S											
7	E											
8	S											
8	E											
9	S											
9	E											
10	S											
10	E											
11	S											
11	E											
12	S											
12	E											
13	S											
13	E											
14	S											
14	E											
15	S											
15	E											

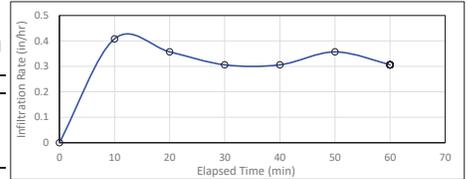
Formulas: Inner Infiltration Rate:  $V_{IR} = \Delta V_{IR} / (A_{IR} * \Delta t)$  Annular space infiltration rate:  $V_A = \Delta V_A / (A_A * \Delta t)$

NOTE: When recording Inner height and Annular height, record the total volume of liquid that has left the cylinders (i.e. if cylinders are refilled, add the volume added to all subsequent readings).

**DOUBLE RING INFILTROMETER TEST DATA**  
(Falling Head Method)

**P-2**

Project Identification 2895 S. Main Street, Corona, CA Constants Area, cm<sup>2</sup> Liq depth, cm No. Vol / ΔH  
 Project No. FP-11936-22 Inner ring 182.3  
 Tested By AM & HMN Annular space 717.2  
 Tested Depth 12"  
 Depth to water table N/A Inner ring penetration 7.9 cm  
 Ground Temp 23.0 °C @ depth 12" Outer ring penetration 6.6 cm  
 Liquid Used Water pH 7.6 Liquid level maintained using: N/A



No.	S or E	Date	Time (hr)	Elpd Time Δ / total (min)	Flow Readings				Liq Temp °C	Infiltration Rate		Remarks
					Inner		Annular			Inner in / h	Annular in / h	
					height, cm	flow, cm <sup>3</sup>	height, cm	flow, cm <sup>3</sup>				
1	S	2/7/22	0:00	10	125.0	80	126.0	920	25.0 °C	1.04	3.03	
	E	2/7/22	0:10		113.0		115.0					
2	S	2/7/22	0:00	20	125.0	70	126.0	680		0.91	2.24	
	E	2/7/22	0:10		117.0		111.0					
3	S	2/7/22	0:00	30	125.0	60	126.0	660		0.78	2.17	
	E	2/7/22	0:10		118.0		113.0					
4	S	2/7/22	0:00	40	125.0	60	126.0	620		0.78	2.04	
	E	2/7/22	0:10		118.0		115.0					
5	S	2/7/22	0:00	50	125.0	70	126.0	630		0.91	2.07	
	E	2/7/22	0:10		118.0		115.0					
6	S	2/7/22	0:00	60	125.0	60	126.0	620		0.78	2.04	
	E	2/7/22	0:10		118.0		116.0					
7	S											
	E											
8	S											
	E											
9	S											
	E											
10	S											
	E											
11	S											
	E											
12	S											
	E											
13	S											
	E											
14	S											
	E											
15	S											
	E											

Formulas: Inner Infiltration Rate:  $V_{IR} = \Delta V_{IR} / (A_{IR} * \Delta t)$  Annular space infiltration rate:  $V_A = \Delta V_A / (A_A * \Delta t)$

NOTE: When recording Inner height and Annular height, record the total volume of liquid that has left the cylinders (i.e. if cylinders are refilled, add the volume added to all subsequent readings).

# Appendix 4: Historical Site Conditions

*Phase I Environmental Site Assessment or Other Information on Past Site Use*

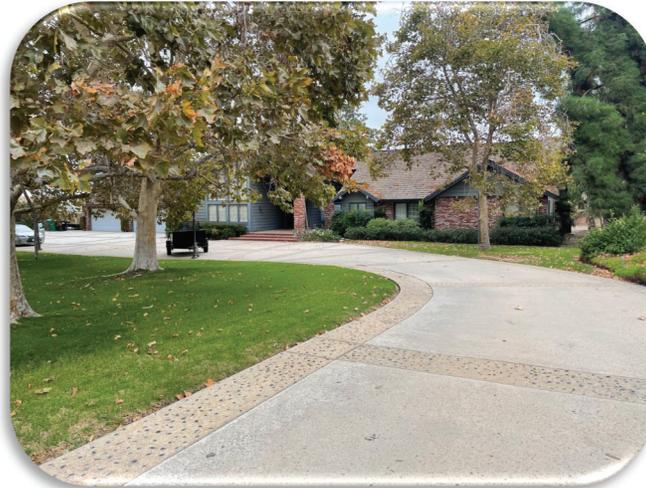


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## **PHASE 1 ENVIRONMENTAL SITE ASSESSMENT REPORT**

SEPTEMBER 22, 2022  
PROJECT # P1E 2022-09-07

**SUBJECT PROPERTY**  
2895 SOUTH MAIN STREET,  
CORONA, CA 92879  
APN(s): 113340018



**PREPARED FOR:**  
BALBAS CONSTRUCTION, INC.  
3189 AIRWAY AVENUE, UNIT D  
COSTA MESA, CA 92626  
BALBASCONST@GMAIL.COM

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT REPORT  
2895 South Main Street, Corona, CA 92879

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## 1.0 EXECUTIVE SUMMARY

*A Phase I Environmental Site Assessment has been conducted for the Subject Property, a summary of the Findings, Opinion, Conclusions and Recommendations are provided below:*

<u><b>Findings:</b></u>	<u><b>Comments</b></u>
Site Legal Description	The Subject Property consists of one parcel, located at 2895 South Main Street, Corona, CA 92879. The property is identified as APN(s) 113340018.
Subject Property History	From 1931 to 1975, the Subject Property was part of an orchard. By 1985, the residence was developed with the orchards remaining around the residence.
Site Observations	The current use of the Subject Property is a single-family residence and orange orchard.
EDR Findings for Subject Property	The Subject Property was listed in Environmental Records Sources searched under the HWTS database and is discussed in Section 5.2.
EDR Findings for Adjacent Properties	The adjacent properties were not listed in the environmental record sources searched by EDR.
EDR Findings for Surrounding Properties	Surrounding Sites identified as a potential concern are discussed in Section 5.4.
Client Interview (Questionnaire)	Mr. Joe Balbas returned the questionnaire on September 21, 2022. A soil sample test report prepared by Geo-Etka, Inc. was provided for review on September 16, 2022. The questionnaire and soil sample test report are discussed in Section 6.1.
Local Records	No records were found for the Subject Property with the County of Riverside Department of Environmental Health.

<u><b>Opinions:</b></u>	<u><b>Identified?</b></u>		<u><b>Comments</b></u>
	<u><b>Yes</b></u>	<u><b>No</b></u>	
Recognized Environmental Condition (REC)	X		An aboveground storage tank (AST) is visible in aerial photographs in the middle portion of the Subject Property from 1931 to 1985. The AST is also mapped in the 1967, 1973, 1982, and 1988 historical topographic maps. No records were found to indicate if the AST was used for water or petroleum. Based on the nearby water reservoir and the oil tanks mapped to the east in the historical topographic maps (1954, 1967, 1973, 1982, 1988, and 1997), the AST represents a significant data gap and is a REC.
Historical Recognized Environmental Condition (HREC)		X	No HRECs were identified.
Controlled Recognized Environmental Condition (CREC)		X	No CRECs were identified.
Significant Data Gaps	X		See REC above.

Vapor Intrusion Risk		X	A vapor intrusion risk was not identified for the Subject Property.
De Minimis Condition	X		Based on GEO-ETKA soil test sampling in March of 2022 and the proposed redevelopment of the Subject Property into commercial, the low levels of DDE and DDT detected in shallow soils across the Subject Property are considered a de minimis condition.
Environmental Business Risk		X	No Environmental Business Risks were identified.

**Conclusion**

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of the Subject Property which consists of one parcel, located at 2895 South Main Street, Corona, CA 92879. The Subject Property is identified as APN(s) 113340018. Any exceptions to, or deletions from, this practice are described in the Limitations Section of this report. This assessment has revealed the following recognized environmental conditions, historical recognized environmental conditions, controlled recognized environmental conditions, and/or significant data gaps in connection with the Subject Property:

- The presence of an aboveground storage tank with unknown use on the middle portion of the Subject Property from 1931 to sometime prior to 1990 represents a Significant Data Gap and is a REC.

**Recommendations**

**Additional Environmental Investigations are recommended at this time. A subsurface investigation in the area of the former aboveground storage tank is recommended to determine if the tank contained petroleum hydrocarbons and if a significant release to the Subject Property has occurred.**

## 2.0 INTRODUCTION

### 2.1 Location and Legal Description

Subject Property Description	
Subject Property Address:	2895 South Main Street, Corona, CA 92879
Assessor Parcel Number(s):	113340018

A site vicinity map and a generalized location map are located in Appendix 9.2.

### 2.2 Site and Vicinity General Characteristics

The Subject Property is located in the City of Corona, in Riverside County, California. The site is located approximately 2 miles southwest of the 91 and 15 interchange. The property is located on the northeast corner of the intersection of South Main Street and Chase Drive. The surrounding properties consists of commercial and medical offices to the north and residential properties to the east, south and west.

### 2.3 Description of Improvements on Property

Property Type	Residential
Land Area (acres)/Source:	4.09-acres/Riverside County Assessor.
Year Constructed:	1985
Building Area (SF)/Source	Main Dwelling: 4,067 SF/Riverside County Assessor. Attached Garage: 1,122 SF/ Riverside County Assessor.
Potable Water Supply	City
Domestic Sewage	City Sewer

The Subject Property consists of an approximately 4.09-acre parcel with an approximately 4,067 SF single family residence with an approximately 1,122 SF attached garage. A roundabout driveway connects the garage and residence to South Main Street. Most of the property is covered in an orange orchard. The remnants of a retaining wall along the middle portion of the Subject Property was observed in both aerial photographs and during the site reconnaissance.

### 2.4 Current Uses of Adjoining Properties

Direction	Address	Type of Use
North	2813 S Main St, 2815 S Main St	Medical Building/Clinic. Medical Building/Clinic.
East	Not Reported, Multiply residential properties	City of Corona Vacant land. Water Reservoir. Single Family Homes.
South	Multiply residential properties	Single Family Homes.
West	Multiply residential properties	Single Family Homes.

## 2.5 Purpose

The purpose of this Phase 1 Environmental Site Assessment is to identify to the extent feasible recognized environmental conditions (REC) in connection with the property. Following the processes prescribed by the AAI rule and in ASTM Standard E1527-21, Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment process.

- ❖ As defined by ASTM E1527-21, §1.1.1, the term "recognized environmental conditions" is defined as follows: *"(1) the presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition.*
- ❖ As defined by ASTM E1527-21, §3.2.17, the term "controlled recognized environmental condition" is defined as follows: *"Recognized environmental condition affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."*
- ❖ As defined by ASTM E1527-21, §3.2.39, the term "historical recognized environmental condition" is defined as follows: *"a previous release of hazardous substances or petroleum products affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the Subject Property to any controls (for example, activity and use limitations or other property use limitations).*

## 2.6 Detailed Scope-of-Work

The scope of work performed for this Phase 1 Environmental report includes:

- Collecting and reviewing available environmental related information concerning the property and other data pertinent to the specific site per the ASTM standard E1527-21;
- Conducting a site visit to observe current site uses, observe adjacent land use, and gather data on possible spills, or misuse of chemicals that could be considered a REC;
- Contacting appropriate regulatory personnel and reviewing regulatory files regarding the property in question.

No additional non-scope considerations per Section 13 of ASTM E1527-21 were included in this Phase 1 Report including sections 13.1.5.1 to 13.1.5.16.

## 2.7 Significant Assumptions

No significant assumptions were made in this assessment.

## 2.8 Limitations and Exceptions

### Limitations

This report is applicable only for the project and site studied. Report findings and statements of professional opinion do not constitute a guarantee or warranty, expressed or implied. This report contains information and data provided by others and Priority One Environmental, Inc. in no way warrants the accuracy or completeness of the information provided by those sources. Our services are performed in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. This report is prepared using the ASTM Standard E1527-21 and includes several inherent limitations, including but not limited to: Section 4.5.1 - Uncertainty Not Eliminated, Section 4.5.2 - Not Exhaustive, Section 7.4 - No Sampling, and Section 7.5.2.1 - Reliance.

### Exceptions

No exceptions to or deviations from the ASTM standard E1527-21 were made during the course of our work except for the following:

- *No interviews were conducted with local agencies as part of this assessment. Relevant local agencies for the area have policies of referring requests for interviews to their file review departments.*

These limitations are not anticipated to represent a significant data gap for the investigation.

## 2.9 Special Terms and Conditions

We have been authorized by Balbas Construction, Inc. to perform a Phase 1 environmental site assessment of the Subject Property. It is our understanding that Balbas Construction, Inc. will use the information contained in the report for due diligence and innocent landowner's protection under CERCLA. Without prior written consent of the client, Priority One Environmental, Inc. will keep confidential and not disclose to any person or entity any data or information provided by the client or generated in conjunction with the performance of this study, except when required by law. Provisions of confidentiality shall not apply to data or information obtained from the public domain or acquired from third parties not under obligation to the client to maintain confidentiality.

## 2.10 User Reliance

This report was prepared for the exclusive use of Balbas Construction, Inc.. No other person or entity is entitled to rely upon this report without the specific written authorization of Priority One Environmental, Inc. Such reliance is a subject to the same limitations, terms, and conditions as the original contract with the client. Priority One Environmental, Inc. specifically disclaims any responsibility for any unauthorized use of this report. Based on the ASTM standard this Phase 1 report is reliable for 180 days from the date the work was conducted.

### **3.0 USER PROVIDED INFORMATION**

#### **3.1 Title Records**

A Preliminary Title Report was not provided for Review.

#### **3.2 Environmental Liens or Activity and Use Limitations**

No Additional information was provided identifying actual knowledge of environmental liens or activity and use limitations recorded against the Subject Property. No environmental liens placed by the federal environmental agency under CERCLA regulations for the Subject Property were found during a record search on available government records. The California State Department of Toxic Substances website EnviroStor was searched, and no environmental liens placed by the State environmental agency for the Subject Property was found.

#### **3.3 Specialized Knowledge**

No information was provided identifying specialized knowledge or experience that is material to recognized environmental conditions in connection with the Subject Property.

#### **3.4 Commonly Known or Reasonably Ascertainable Information**

No information was provided identifying knowledge of commonly known or reasonably ascertainable information related to the Subject Property.

#### **3.5 Valuation Reduction for Environmental Issues**

No information was provided identifying knowledge of valuation reduction of the Subject Property.

#### **3.6 Owner, Property Manager, and Occupant Information**

Information provided by the owner of the Subject Property is discussed in Section 6 of this report.

#### **3.7 Reason for Performing Phase 1**

The Phase 1 has been requested by the client for the use in the development of the property.

#### **3.8 Other**

No other information was provided for review related to the Subject Property.

## 4.0 SUBJECT PROPERTY RECONNAISSANCE

A visual reconnaissance of the Subject Property was conducted on Monday, September 19, 2022, by Mr. Paul Robinson. Photographs of the Subject Property are attached to this report in Appendix 9.1.

### 4.1 Methodology and Limiting Conditions

The periphery of the Subject Property was inspected. A detailed inspection was conducted of all major site features visible from the public portions of the property.

Limiting Condition	Reason
Interior of Residence/Garage.	Permission to enter not provided.

### 4.2 Subject Property Reconnaissance

Observations made during the site visit are summarized in the following table:

Site Visit Observations	
Current Use(s)	Single Family Residence with orchard.
Past Use(s)	Orchards. The remnants of a retaining wall along the mid portion of the property were observed, the wall is in the area of the from AST observed in both the historical aerial photographs and historical topographic maps.
Current Use of Adjoining Properties	North: Medical office buildings. South: Single Family Homes. East: City of Corona water reservoir and Single-Family Homes. West: Single Family Homes.
Evidence of Past Use of Adjoining Properties	None observed.
Topography	The western portion of the property is relatively flat and the eastern portion slopes to the east towards a Main Street Wash Channel.
Number of Structures	One single family residence with an attached garage.
Roads/Driveways/Parking	Roundabout driveway that connects to South Main Street on the west side of the property.
Potable Water Supply	City water
Solid Waste Disposal	City trash can collection service.
Sewer Discharge and Disposal	City sewer
Surface Water Drainage	The western portion of the property drains to South Main Street. The Eastern portion drains to the channel east of the property.

Source of Heating and Cooling	Ground mounted HVAC units.
-------------------------------	----------------------------

<b><i>Observation Check List</i></b>			
Type	Observed?		Notes
	Yes	No	
Hazardous Materials and Petroleum Products		X	
Storage Tanks		X	
Strong, Pungent or Noxious Odors		X	
Standing Surface Water and Pools, or Sumps containing liquids likely to be hazardous substances or petroleum products.		X	
Drums, Totes, and Intermediate Bulk Containers		X	
Hazardous Substance and petroleum Product containers not in connection with identified uses		X	
Unidentified Substance Containers.		X	
Polychlorinated Biphenyls (PCBs)		X	
Pole- or Pad mounted Transformers		X	
Stains or Corrosion on Floors, Walls, or Ceilings (not from water)		X	
Area Drains, Floor drains	X		Area drains around the residence to collect stormwater runoff.
Sumps, Drywells, Catch basins, Clarifiers		X	
Pits, Ponds, Lagoons		X	
Stained Soil or Pavement		X	
Stressed Vegetation		X	
Water/Wastewater or other liquid discharged from or to the Subject Property.		X	
Wells (irrigation wells, injection wells, monitoring wells, abandoned wells, or other wells).		X	
Septic System or Cesspools.		X	

## 5.0 RECORDS REVIEW

### 5.1 EDR Map Findings

The Subject Property is located at 2895 South Main Street, Corona, CA 92879. The property is identified as APN(s) 113340018. The Subject Property was listed in the Environmental Records searched under the HWTS database.



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: P1E-22-09-07 ADDRESS: 2895 S Main St Corona CA 92879 LAT/LONG: 33.846356 / 117.569935	CLIENT: Priority One Environmental, Inc. CONTACT: Paul Robinson INQUIRY #: 7117798.2s DATE: September 14, 2022 3:47 pm
---	---

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**MAP FINDINGS SUMMARY**

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
<b><u>STANDARD ENVIRONMENTAL RECORDS</u></b>								
<i><b>Lists of Federal NPL (Superfund) sites</b></i>								
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
<i><b>Lists of Federal Delisted NPL sites</b></i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i><b>Lists of Federal sites subject to CERCLA removals and CERCLA orders</b></i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i><b>Lists of Federal CERCLA sites with NFRAP</b></i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i><b>Lists of Federal RCRA facilities undergoing Corrective Action</b></i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i><b>Lists of Federal RCRA TSD facilities</b></i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i><b>Lists of Federal RCRA generators</b></i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-VSQQ	0.250		0	1	NR	NR	NR	1
<i><b>Federal institutional controls / engineering controls registries</b></i>								
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
<i><b>Federal ERNS list</b></i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i><b>Lists of state- and tribal (Superfund) equivalent sites</b></i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i><b>Lists of state- and tribal hazardous waste facilities</b></i>								
ENVIROSTOR	1.000		0	0	2	2	NR	4
<i><b>Lists of state and tribal landfills and solid waste disposal facilities</b></i>								
SWF/LF	0.500		0	0	0	NR	NR	0

**MAP FINDINGS SUMMARY**

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
LUST	0.500		0	0	2	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
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
CERS HAZ WASTE	0.250		0	2	NR	NR	NR	2
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	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
CERS TANKS	0.250		0	1	NR	NR	NR	1
<b>Local Land Records</b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
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
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	2	NR	NR	NR	2
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		0	NR	NR	NR	NR	0
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		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	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
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	2	NR	NR	2
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	2	NR	NR	2
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
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		0	NR	NR	NR	NR	0
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		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
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
HWTS	TP	1	NR	NR	NR	NR	NR	1
MINES MRDS	0.001		0	NR	NR	NR	NR	0
<b><u>EDR HIGH RISK HISTORICAL RECORDS</u></b>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		1	0	9	8	2	0	20

**MAP FINDINGS SUMMARY**

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
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NOTES:

- TP = Target Property
- NR = Not Requested at this Search Distance
- Sites may be listed in more than one database

*Snipped from EDR Radius Report.*

For the full name, description, and the date each of the databases were last updated, please refer to the Government Record section of the EDR® Report.

**5.2 Subject Property**

EDR Reports the site was listed in the following databases: HWTS. These listings are discussed below:

Database Name	Database Description	Comments
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.	1X Tom’s Farms. Create Date: May 5, 1987, inactive as of October 25, 2000. Facility type: Temporary.

**5.3 Adjacent Properties**

The adjacent properties were not listed in the environmental record sources searched by EDR.

## 5.4 Surrounding Properties

EDR Radius Report was reviewed for sites of potential concern to the Subject Property. Sites identified as a potential concern are discussed below:

Site Name(s)	Address	Distance	Databases
<b>Chevron Station No. 207496</b>	130 West Foothill Parkway	826 FT, SW	HWTS, RCRA-SQG, FINDS, HAZNET, CERS HAZ WASTE, CERS TANKS, CERS, UST
<p>This site is an active gasoline service station and appears to have been developed between 1994 and 2002. The UST database reports a total of 3 underground storage tanks. CERS reports the site under the Hazardous Waste Generator, Underground Storage Tank and Chemical Storage Facilities programs. 8 violations were reported under the CERS database. All 8 have achieved compliance with the last violation being reported on December 9, 2020 and returned to compliance on January 18, 2021.</p> <p>No releases have been reported. According to a case closure summary located on GEOTRACKER for 510 Foothill Parkway located to the west-northwest of this case, groundwater is reported to be greater than 100 feet below ground surface; therefore, based on no reported releases and depth to groundwater this site is not anticipated to impact the Subject Property.</p>			

The remaining cases listed in the EDR Database Report were for regulatory database listings, permitted facilities listings, closed/remediated cases, and historical database listings; including sites which, based on indicated groundwater directional flow and their distances, are not anticipated to impact the Subject Property.

## 5.5 Orphan Properties

Two (2) orphan sites were reviewed and are discussed below:

- WU Property, Fieldstone Communities is located at the SE corner of Montoya Drive and Taylor Avenue, Corona, CA. Approximately ½ mile to the northwest of the Subject Property. The site is listed under the ENVIROSTOR database as refer 1248 local agency. Site type is listed as Evaluation. The status date is 2004. No other relevant information was listed. Based on the distance and topography this site is not anticipated to impact the Subject Property.
- Lyon/Copley Corona Asso. L.P. is located at along Main Street, Corona, CA. ENVIROSTOR and GEOTRACKER were reviewed for cases in the area of the Subject Property. The extract location was not determined. The case is listed as a soil only case and is closed. Based on the closed case, this site is not anticipated to impact the Subject Property at this time.

## 5.6 Physical Setting Sources

According to the most recent USGS Topographic map covering to Subject Property and vicinity, the Subject Property western portion is relevantly level with the eastern portion sloping downward to the east. The center of the property lies at approximately 1,038 feet above sea-level. The regional topography slopes to the north.

According to EDR GEOCHECK the site is mapped as a loam soils with a Hydrologic Group Classification of Classes A and B. The western portion of the property is listed as Class B, which is defined as soils with Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures. The soils

have a low corrosion potential versus uncoated steel. The eastern portion of the property is listed as Class A, which is defined as soils with high infiltration rates. Soils are deep, well drained to excessively drained sands and gravels. The soils have a low corrosion potential versus uncoated steel.

GEOTRACKER: According to a case closure summary located on GEOTRACKER for 510 Foothill Parkway located approximately 1,800 feet to the west of the Subject Property, groundwater is reported to be greater than 100 feet below ground surface.

### 5.7 Sanborn Insurance Maps

An attempt was made by EDR to obtain Sanborn Insurance Company maps for the period covering the years 1860 through the present in order to determine what types of activities were conducted on the Subject Property and on adjoining properties. No Sanborn maps were found.

### 5.8 Historical Aerial Photographs

Aerial photographs of the Subject Property provided by EDR were reviewed as part of this investigation.

Aerial Photograph Dates:	1931, 1938, 1948, 1953, 1959, 1961, 1967, 1975, 1985, 1989, 1990, 1994, 2002, 2006, 2009, 2012, 2016
--------------------------	--

Subject Property	Description
	In 1931, a circular above ground tank is existing in the middle portion of the property north of the reservoir structure to the east-southeast. From 1931 to 1975, the Subject Property is part of an orchard. By 1985, the existing residence was developed. By 1990, the AST located in the middle portion of the property is no longer visible. The residence and orchard appear similar from 1990 to 2016.

Property to	Description
North	From 1931 to 1975, the property to the north is orchards. By 1985, a single-family residence was developed on the property to the north. The residence and orchard appear similar from 1990 to 2009. By 2012, the residence and orchard have been removed and the northwest medical office building and western parking lot have been developed. Between 2017 and 2018 the eastern medical office building and parking lot were developed.

Property to	Description
East	In 1931, the property to the east is an existing reservoir and orchard property and appear similar from 1938 to 1948. By 1953, the orchard east of the reservoir has been cleared and is vacant land. The properties to the east appear similar from 1959 to 1994. By 2002, the residential tract to the east has been developed.

<b>Property to</b>	<b>Description</b>
<b>South</b>	From 1931 to 1975, the property to the of Chase Drive is orchards. By 1985, the orchards have been cleared and the property south of Chase Drive is vacant land. In 1989 and 1990, the property to the south is being used as row crops. By 1994, the property to the south is being graded. By 2002, the tract of single-family homes to the south has been developed and appear similar from 2006 to 2016.

<b>Property to</b>	<b>Description</b>
<b>West</b>	The property to the west is orchards from 1931 to 1959. By 1961, a single-family residence has been developed to the west. The properties to the west appear similar from 1967 to 1994. By 2002, the single-family home and orchards have been cleared and the tract of single-family homes to the west has been developed.

<b>Surrounding Properties</b>	<b>Description</b>
	The surrounding area is predominately orchard properties from 1931 to 1975. By 1985, some commercial development has occurred to the north. Between 1994 and 2002, the majority of the surrounding area was redeveloped into tracts of single-family homes and commercial shopping centers.

These photos are included in the Appendix.

## 5.9 Historical Topographic Maps

Topographic maps of the Subject Property provided by EDR were reviewed as part of this investigation.

<b>YEAR(S)</b>	<b>DESCRIPTION.</b>
1902	A creek is mapped in the area of the Subject Property. the topography trends to the north with the elevation of the Subject Property, approximately 1,000 feet above sea level.
1942, 1947	In 1942, South Main and Chase Drive are existing adjacent to the west and south. The adjacent reservoir to the east is mapped. A railroad track is mapped along the eastern edge of the Subject Property which extends to the south to several rectangle structures.
1947	In 1947, the Subject Property is mapped as orchards. The railroad track is mapped to the east.
1954	In 1954, the railroad tracks are no longer existing, Main Street Wash is mapped on the eastern edge of the property with a dirt road to the east of the wash. East of the road is mapped two oil tanks.
1967, 1973	In 1967, a tank is mapped on the mid portion of the Subject Property northwest of the water reservoir. The two tanks east of the dirt road east of the wash are still mapped. A second larger water reservoir has been added east of the original.
1982	Appears similar to previous date.
1987, 1988	The Subject Property residence and residence to the north are mapped. The tank on the mid portion of the Subject Property is still mapped.
1997	The tank in the mid portion of the property is no longer mapped.
2012, 2015, 2018	Current Topographic Map.

These maps are included in the Appendix.

### 5.10 City Directories

A search of local historical city directories was conducted by EDR for the Subject Property. The review included directories in five-year intervals from 1920 to 2014 (as available).

2895 SOUTH MAIN STREET, CORONA, CA 92879 (SUBJECT PROPERTY)	
YEAR(S)	LISTED USES.
1999-2017	Joseph Santoro.

No additional records were identified for the Subject Property based on the address provided. The surrounding properties are listed in detail in the attached Directory Search.

### 5.11 Historical Review Summary

Based on a review of the EDR provided Sanborn Fire Insurance Maps, Aerial Photographs, Topographic Maps, and City Directories, in 1931, the Subject Property was orchards with an above ground storage tank (AST) in the middle portion of the Subject Property. The orchards and tank are existing from 1931 to 1985. In 1985, the existing single-family residence was developed. By 1990, the AST is no longer visible. The orchards are remaining on the property from 1990 to present day. From 1999-2017, the Subject Property is listed under the name Joseph Santoro.

## **6.0 INTERVIEWS**

An attempt has been made to obtain historical as well as current information relative to the Subject Property from several individuals and local agencies. The objective of the interview process is to obtain any information indicating recognized environmental conditions in connection with the Subject Property.

### **6.1 Interview with Owner or Site Manager**

An Environmental Questionnaire and Disclosure Statement were sent to Mr. Joe Balbas on Wednesday, September 14, 2022. The questionnaire was returned on September 21, 2022. The purpose of the Phase I ESA is for redevelopment of the property into a gym. Mr. Balbas provided a soil sample test result report by Geo-Etka, Inc. This report was reviewed and discussed below:

Six samples were collected from the upper 6 to 10 inches from random locations. Results: DDD (compound degrades from DDT), PCBs, and Chlorinated Herbicides were non-detect. DDT and DDE (degrades from DDT) were detected, the levels are summarized below:

Compound	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Residential Screening Levels
4,4'-DDE	0.480 ppm	0.630 ppm	0.470 ppm	0.701 ppm	0.700 ppm	0.380 ppm	1.8 ppm
4,4'-DDT	0.190 ppm	0.490 ppm	0.190 ppm	0.200 ppm	0.320 ppm	0.033 ppm	1.9 ppm

Based on a low level detected and proposed redevelopment of the Subject Property into commercial, this is not a significant release to the Subject Property and is considered a de minimis condition.

### **6.2 Interview with Local Government Officials**

#### **County Assessor Office**

According to the Riverside County Assessor, the Subject Property consists of one parcel of land totaling approximately 4.09-acre identified by the Riverside County Assessor as Assessor's Parcel Numbers (APNs) 113340018. The last sale occurred in 2022. The existing single-family home was constructed in 1985 and consists of a 4,67 SF single family residence with a 1,122 SF attached garage.

#### **Riverside County Department of Environmental Health**

The Riverside County Department of Environmental Health was contacted as part of the records review of the Subject Property. No records were found.

#### **City of Corona**

The City of Corona was contacted as part of the records review of the Subject Property; however, the offices have not responded as of the date of this report.

#### **South Coast Air Quality Management District**

The South Coast Air Quality Management District FINDS database was reviewed for the Subject Property (<https://www.aqmd.gov/nav/FIND>). The Subject Property was not found.

**GEOTRACKER/ENVIROSTOR Database Review**

The GEOTRACKER database (<https://geotracker.waterboards.ca.gov/>) and the ENVIROSTOR database (<https://www.envirostor.dtsc.ca.gov/public/>) were reviewed for any additional information available in regards to the Subject Property. Additional information was located for the Subject Property and is discussed below. If additional information was found for the adjacent properties or surrounding properties, these cases are discussed in Section 5.3 and/or 5.4.

**CalEPA Regulated Site Portal (CERS)**

The CalEPA Regulated Site Portal (<https://siteportal.calepa.ca.gov/nsite/map/help>) was reviewed for the Subject Property and adjacent properties. If the Subject Property or adjacent properties were listed, these listings are discussed in Sections 5.2 and 5.3.

**Interview with Others**

No additional interviews were conducted in this assessment.

## **7.0 NON-SCOPE SERVICES**

No additional services as listed in the ASTM Standard E1527-21 have been requested in writing and placed under contract in regard to this assessment. Including, but not limited to, asbestos testing of material at the site and drug lab uses of the site.

## **8.0 EVALUATIONS**

### **8.1 Findings**

- 1) **Site Legal Description:** The Subject Property consists of one parcel, located at 2895 South Main Street, Corona, CA 92879. The property is identified as APN(s) 113340018.
- 2) **Site History:** In 1931, the Subject Property was orchards with an above ground storage tank (AST) in the middle portion of the Subject Property. The orchards and tank are existing from 1931 to 1985. In 1985, the existing single-family residence was developed. By 1990, the AST is no longer visible. The orchards are remaining on the property from 1990 to present day. From 1999 to 2017, the Subject Property is listed under the name Joseph Santoro.
- 3) **Site Observation:** The current use of the Subject Property is a single-family residence and orange orchard.
- 4) **EDR Findings for Subject Property:** The Subject Property was listed in Environmental Records Sources searched under the HWTS database.
- 5) **EDR Radius Report Findings:** The adjacent properties were not listed in the environmental record sources searched by EDR. Surrounding Sites identified as a potential concern are discussed in Section 5.4.
- 6) **Local Records Review:** No records were found for the Subject Property with the Riverside County Department of Environmental Health.

### **8.2 Opinions**

- 7) **Recognized Environmental Condition (REC)** is (1) The presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition.

After review of the available records and data collected during this Phase I ESA in the timeframe requested, the following RECs were identified and, based on the ASTM International E1527-21 Phase I Standard, require further investigation in order to obtain Landowner Liability Protections (LLPs):

Landowner liability protections under CERCLA include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability.

- An aboveground storage tank (AST) is visible in aerial photographs in the middle portion of the Subject Property from 1931 to 1985. The AST is also mapped in the 1967, 1973, 1982, and 1988 historical topographic maps. No records were found to indicate if the AST was used for water or petroleum. Based on the nearby water reservoir and the oil tanks mapped to the east in the historical topographic maps (1954, 1967, 1973, 1982, 1988, and 1997), the AST represents a significant data gap and is a REC.

- 8) **Historical Recognized Environmental Condition (HREC)** is a past release of any hazardous substances or petroleum products that has occurred in connection with the Property and has been addressed to the

satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Based on the Findings of this Phase I ESA, no HRECs were identified.

- 9) **Controlled Recognized Environmental Condition (CREC):** A controlled recognized environmental condition is a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action (NFA) letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place, subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Based on the Findings of this Phase I ESA, no CRECs were identified.

- 10) **Significant Data Gaps:** Data Gaps are a lack of—or inability to—obtain information required by this practice, despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to, site reconnaissance. Data gaps are only significant if other information and/or professional experience raises reasonable concerns involving the data gaps. Significant data gaps may not include the exceptions identified in Section 2.8 of this report (Limitations and Exceptions).

After review of the available records and data collected during this Phase I ESA in the timeframe requested, the following significant data gaps were identified and could limit the Environmental Professional's ability to identify all RECs, HRECs, CRECs, or other possible issues with the Subject Property:

- An aboveground storage tank (AST) is visible in aerial photographs in the middle portion of the Subject Property from 1931 to 1985. The AST is also mapped in the 1967, 1973, 1982, and 1988 historical topographic maps. No records were found to indicate if the AST was used for water or petroleum. Based on the nearby water reservoir and the oil tanks mapped to the east in the historical topographic maps (1954, 1967, 1973, 1982, 1988, and 1997), the AST represents a significant data gap and is a REC.

- 11) **Vapor Intrusion Risk:** A vapor intrusion risk was not identified during this assessment.
- 12) **De Minimis Condition:** Based on GEO-ETKA soil test sampling in March 2022, and proposed redevelopment of the Subject Property into commercial, the low levels of DDE and DDT detected in shallow soils across the property are considered a de minimis condition.
- 13) **Environmental Business Risks:** An Environmental Business Risk (EBR) is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate and is not an issue required to be investigated based on the ASTM International E1527-21 Standard.

Based on the Findings of this Phase I ESA, no EBRs were identified.

### **8.3 Conclusions**

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of the Subject Property which consists of one parcel, located at 2895 South Main Street, Corona, CA 92879. The Subject Property is identified as APN(s) 113340018. Any exceptions to, or deletions from, this practice are described in the Limitations Section of this report. This assessment has revealed the following recognized environmental conditions, historical recognized environmental conditions, controlled recognized environmental conditions, and/or significant data gaps in connection with the Subject Property:

- The presence of an aboveground storage tank with unknown use on the middle portion of the Subject Property from 1931 to sometime prior to 1990 represents a Significant Data Gap and is a REC.

### **8.4 Recommendations**

**Additional Environmental Investigations are recommended at this time. A subsurface investigation in the area of the former aboveground storage tank is recommended to determine if the tank contained petroleum hydrocarbons and if a significant release to the Subject Property has occurred.**

## 8.5 Professional Signature

According to Code of Federal Regulations C.F.R. - Title 40 §312.10, Environmental Professional is defined as:

*"(1) a person who possess sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases (see §312.1(c)) on, at, in, or to a property, sufficient to meet the objectives and performance factors in §312.20(e) and (f).*

*(2) Such a person must:*

*(i) hold a current professional engineer's or Professional Geologist's license or registration from a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) and have the equivalent of three (3) years of full-time relevant experience; or*

*(ii) Be licensed or certified by the federal government, a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) to perform environmental inquiries as defined in §312.21 and have the equivalent of three (3) years of full-time relevant experience; or*

*(iii) Have a Baccalaureate or higher degree from an accredited institution of higher education in a discipline of engineering or science and the equivalent of five (5) years of full-time relevant experience; or*

*(iv) Have the equivalent of ten (10) years of full-time relevant experience".*

We declare to the best of our professional knowledge and belief, we have met the definition of Environmental Professional as defined in §312.10 of 40 C.F.R. 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. 312.

It has been a pleasure to be of service. If any questions arise, please contact our office.

Sincerely,



Paul J. Robinson  
Environmental Professional  
Priority One Environmental, Inc.

## 8.6 References

- ASTM Standard E1527-21 - Phase 1 Standard
- Environmental Data Resources, Inc (EDR) Standard Package (Sanborn Fire Insurance Maps, Topographic Map Package, Aerial Photo Package, Radius Report, City Directory Search by EDR)
- U.S. Geological Survey Topographic Maps
- Google Earth Pro – Aerial Images
- State Water Resources Control Board, GEOTRACKER ([geotracker.waterboards.ca.gov](http://geotracker.waterboards.ca.gov))
- Department of Toxic Substance Control, ENVIROSTOR ([www.envirostor.dtsc.ca.gov](http://www.envirostor.dtsc.ca.gov))
- CalEPA Regulated Site Portal (<https://siteportal.calepa.ca.gov/nsite/>)

## **9.0 Appendix**

- 9.1 Photographs of Subject Property.
- 9.2 Site Figures: Site Vicinity Map, Site Topographic Map, Site Parcel Map.
- 9.3 EDR Sanborn Map Search.
- 9.4 EDR Topographic Map Package.
- 9.5 EDR Historical Aerial Photographic Package.
- 9.6 EDR Radius Report.
- 9.7 EDR City Directory Search.
- 9.8 Local Agency Records (If any were found and reviewed).
  - A. County Health
  - B. County Assessor Report
- 9.9 Professional Qualifications (Resume).



## 9.1 Photos



Photo #1: View of driveway and residence.



Photo #2: View of front of residence.



Photo #3: View of attached garage.



Photo #4: View of ground-mounted HVAC.



Photo #5: View of area drain along exterior of residence.



Photo #6: View of rear of residence.



Photo #7: View of orchard.



Photo #8: View of remnants of retaining wall in mid portion of subject property.



Photo #9: View of eastern portion of subject property..



Photo #10: View of medical offices to the north.



Photo #11: View of concrete channel east of subject property looking south.

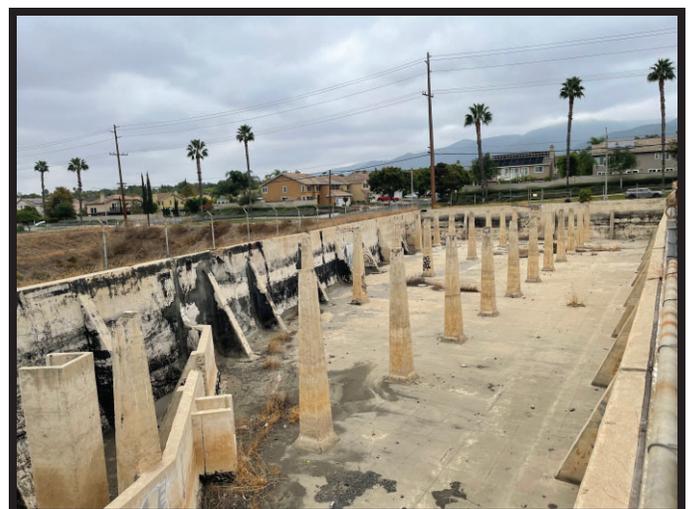


Photo #12: View of adjacent city owned reservoir.



FIGURE 1 - VICINITY MAP

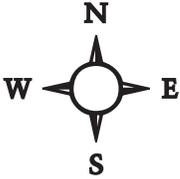


FIGURE 1

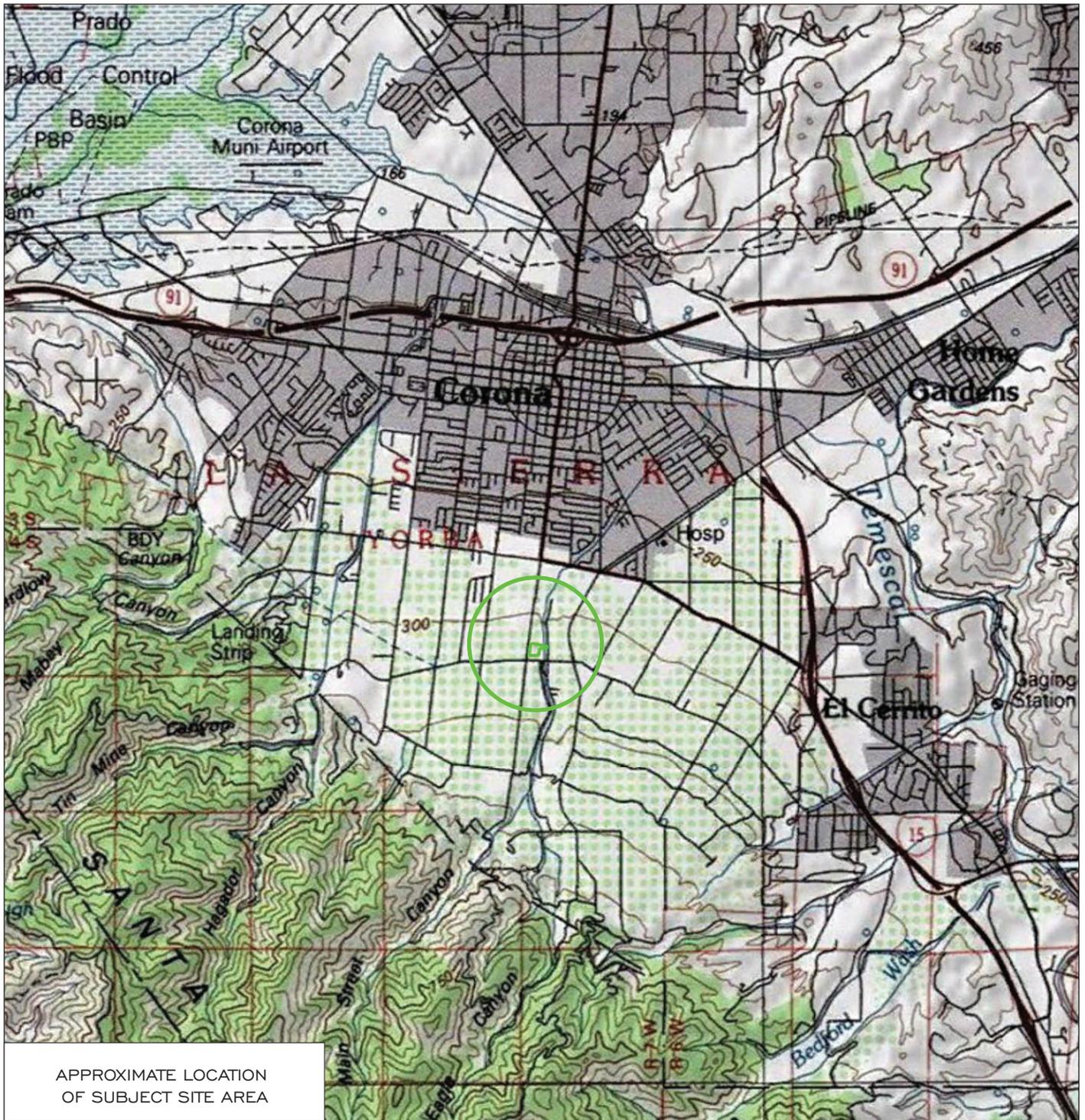


FIGURE 2 - LOCATION MAP

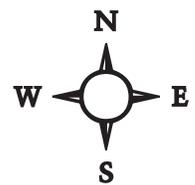


FIGURE 2



FIGURE 3 - PARCEL MAP

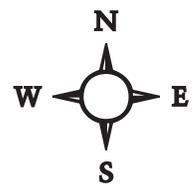


FIGURE 3

P1E-22-09-07

2895 S Main St

Corona, CA 92879

Inquiry Number: 7117798.3

September 14, 2022

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

09/14/22

**Site Name:**

P1E-22-09-07  
2895 S Main St  
Corona, CA 92879  
EDR Inquiry # 7117798.3

**Client Name:**

Priority One Environmental, Inc.  
40686 Chianti Cir,  
Murrieta, CA 92562  
Contact: Paul Robinson



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Priority One Environmental, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Certification #** 52A5-42B5-862F  
**PO #** P1E-22-09-07  
**Project** P1E-22-09-07



Sanborn® Library search results

Certification #: 52A5-42B5-862F

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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P1E-22-09-07  
2895 S Main St  
Corona, CA 92879

Inquiry Number: 7117798.4  
September 14, 2022

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

09/14/22

**Site Name:**

P1E-22-09-07  
2895 S Main St  
Corona, CA 92879  
EDR Inquiry # 7117798.4

**Client Name:**

Priority One Environmental, Inc.  
40686 Chianti Cir,  
Murrieta, CA 92562  
Contact: Paul Robinson



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Priority One Environmental, Inc. 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. EDR's 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:**

**Coordinates:**

<b>P.O.#</b>	P1E-22-09-07	<b>Latitude:</b>	33.846356 33° 50' 47" North
<b>Project:</b>	P1E-22-09-07	<b>Longitude:</b>	-117.569935 -117° 34' 12" West
		<b>UTM Zone:</b>	Zone 11 North
		<b>UTM X Meters:</b>	447272.84
		<b>UTM Y Meters:</b>	3745266.51
		<b>Elevation:</b>	1037.29' above sea level

**Maps Provided:**

2018	1967
2015	1954
2012	1947
1997	1942
1988	1902
1982	
1974	
1973	

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## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **2018 Source Sheets**



Corona South  
2018  
7.5-minute, 24000

### **2015 Source Sheets**



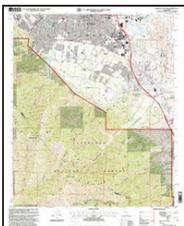
Corona South  
2015  
7.5-minute, 24000

### **2012 Source Sheets**



Corona South  
2012  
7.5-minute, 24000

### **1997 Source Sheets**

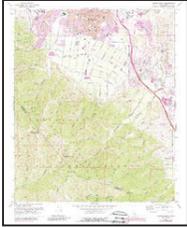


Corona South  
1997  
7.5-minute, 24000  
Aerial Photo Revised 1994

## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1988 Source Sheets**



Corona South  
1988  
7.5-minute, 24000  
Aerial Photo Revised 1987

### **1982 Source Sheets**



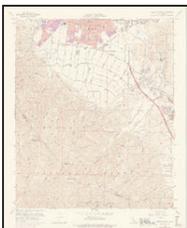
Corona South  
1982  
7.5-minute, 24000  
Aerial Photo Revised 1980

### **1974 Source Sheets**



Corona South  
1974  
7.5-minute, 24000  
Aerial Photo Revised 1974

### **1973 Source Sheets**

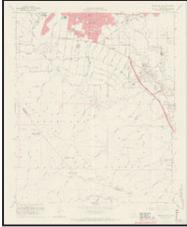


Corona South  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1973

## **Topo Sheet Key**

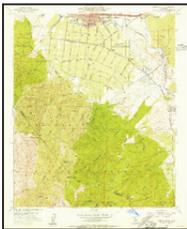
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1967 Source Sheets**



Corona South  
1967  
7.5-minute, 24000  
Aerial Photo Revised 1966

### **1954 Source Sheets**



Corona South  
1954  
7.5-minute, 24000  
Aerial Photo Revised 1952

### **1947 Source Sheets**



CORONA  
1947  
15-minute, 50000

### **1942 Source Sheets**



Corona and Vicinity  
1942  
7.5-minute, 31680

## ***Topo Sheet Key***

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

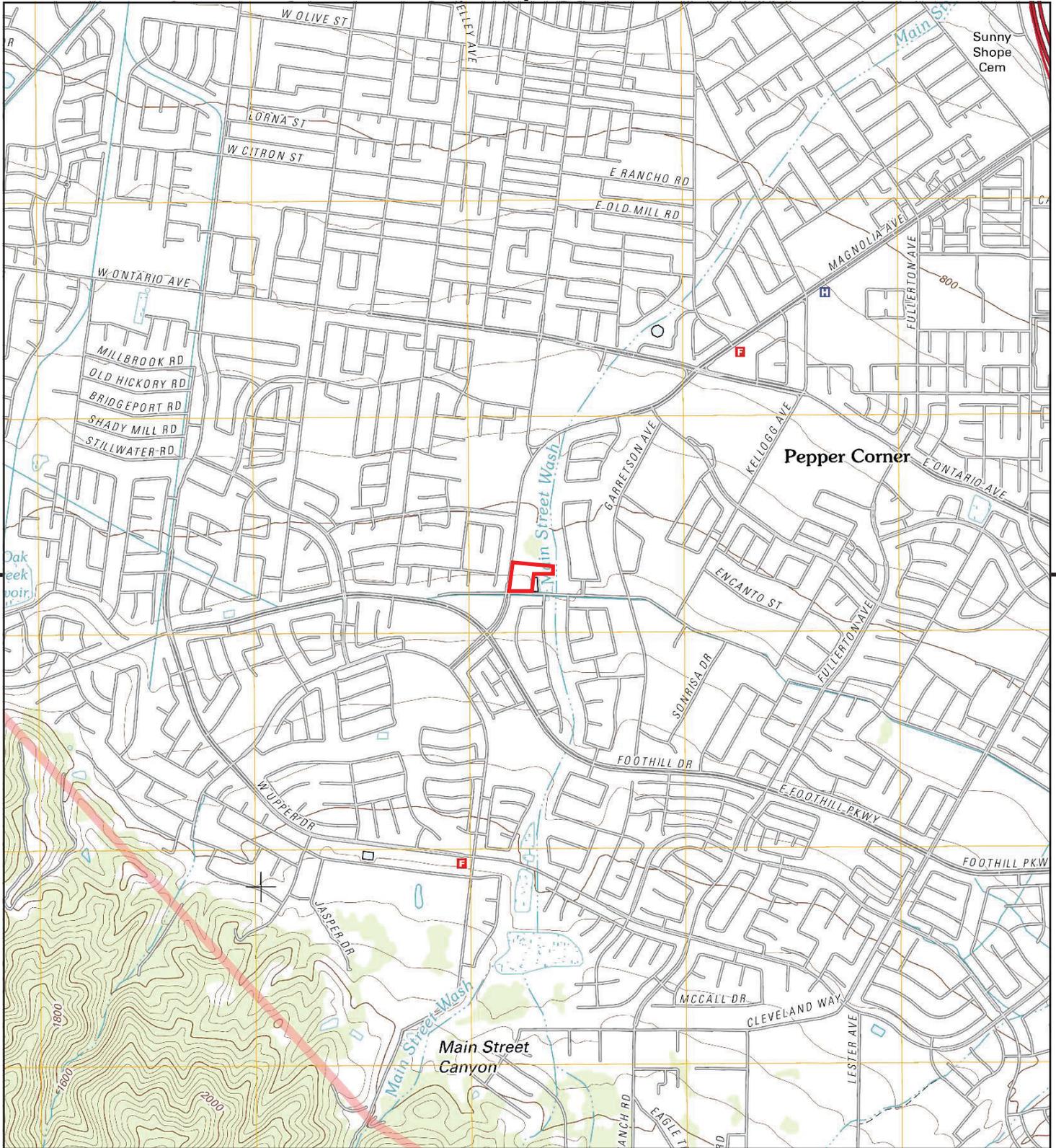
### **1902 Source Sheets**



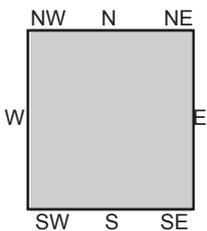
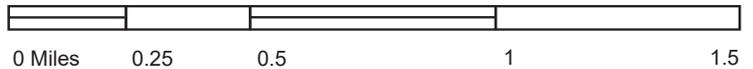
Corona  
1902  
30-minute, 125000







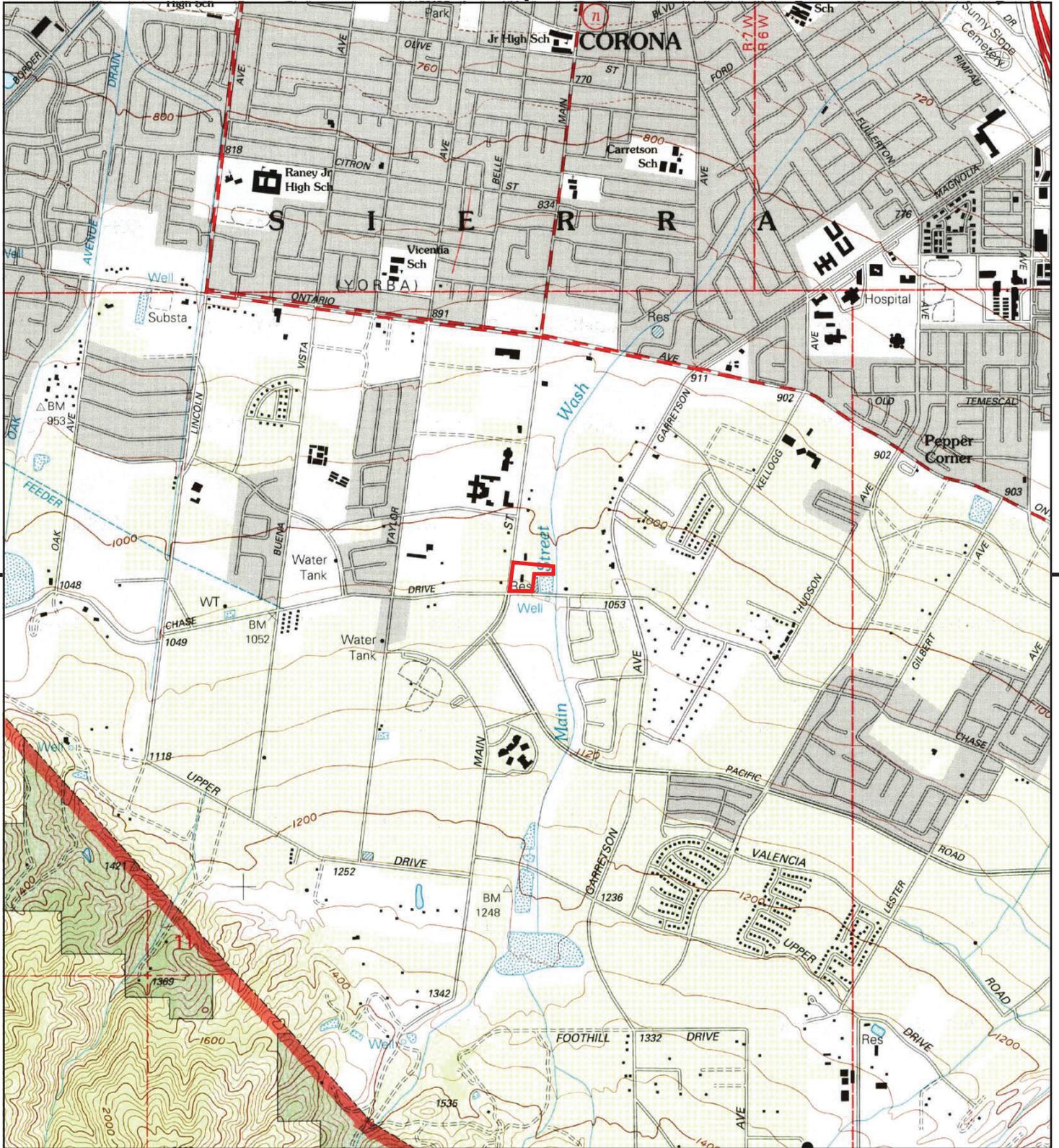
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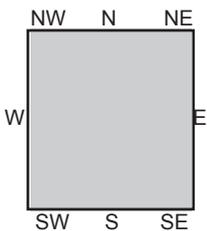
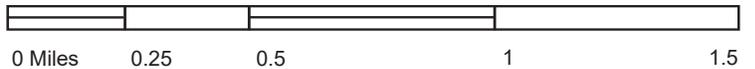
TP, Corona South, 2012, 7.5-minute

SITE NAME: P1E-22-09-07  
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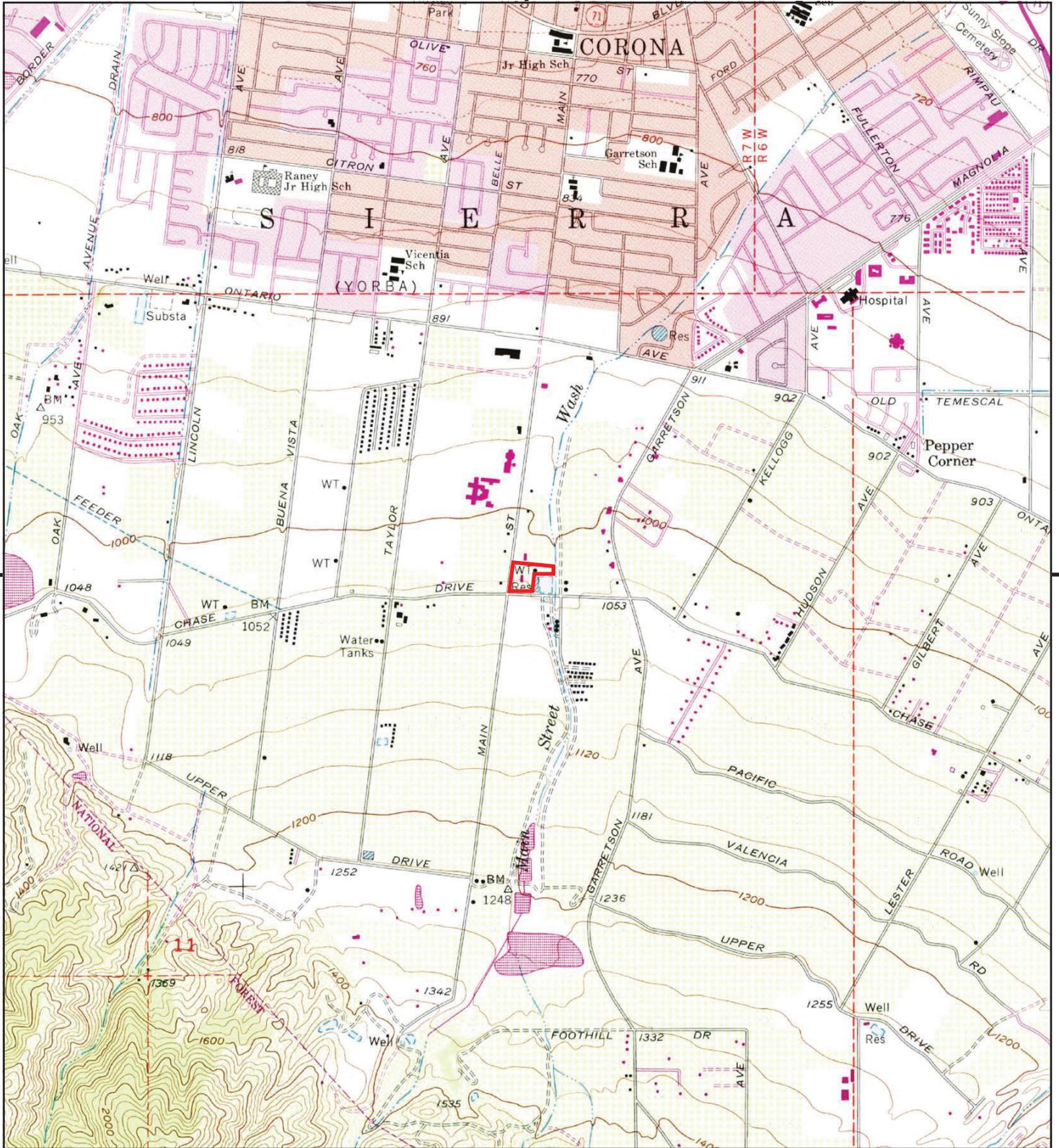
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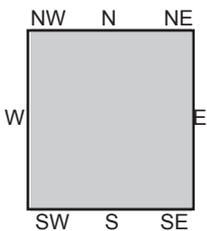
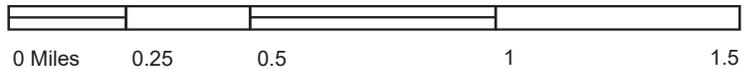
TP, Corona South, 1997, 7.5-minute

SITE NAME: P1E-22-09-07  
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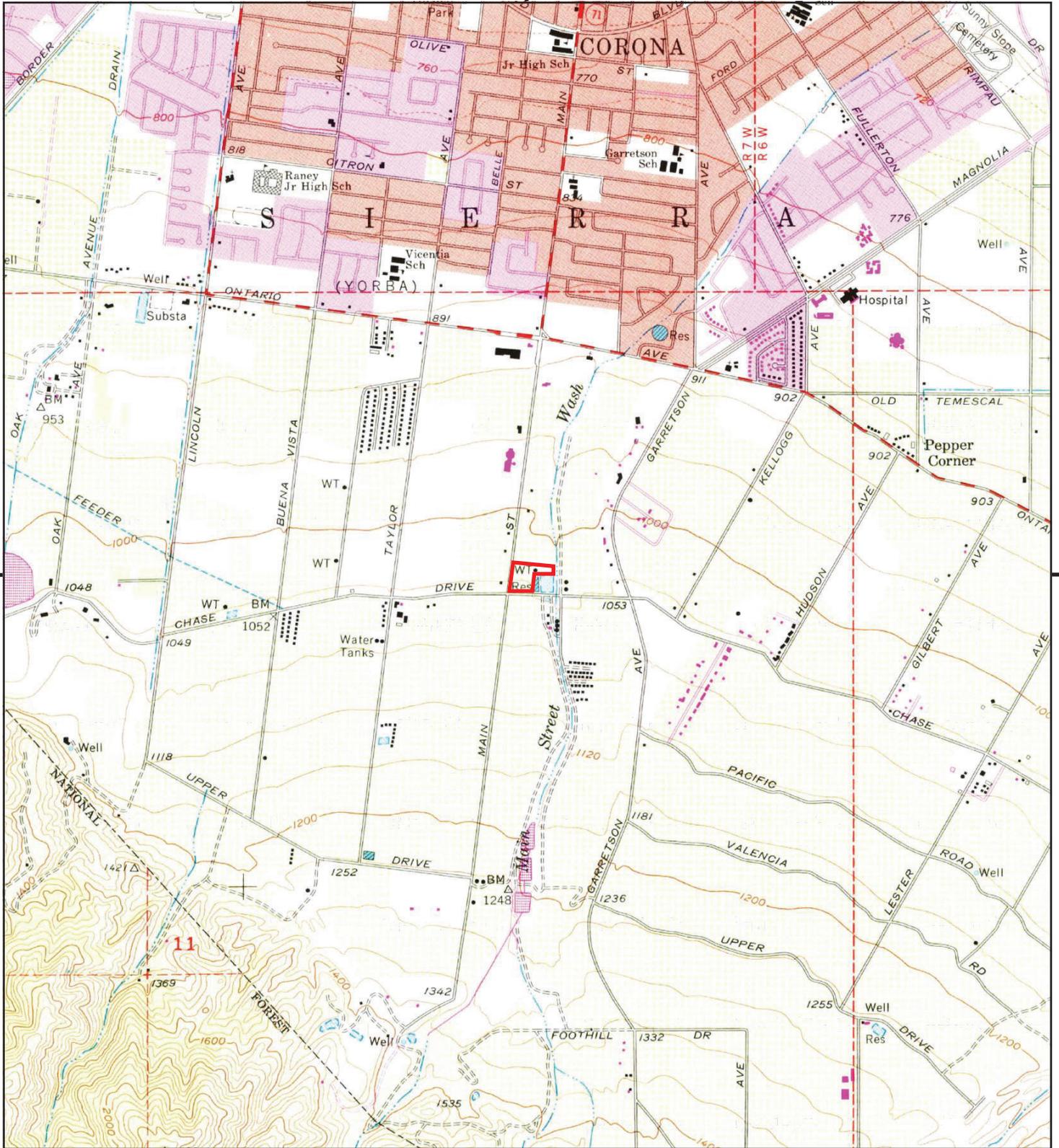
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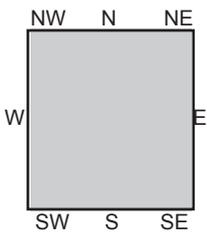
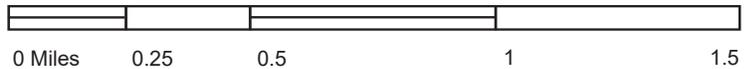
TP, Corona South, 1988, 7.5-minute

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 ADDRESS: 2895 S Main St  
 Corona, CA 92879  
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This report includes information from the following map sheet(s).



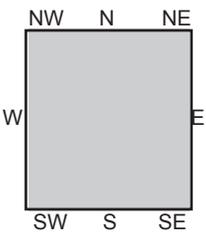
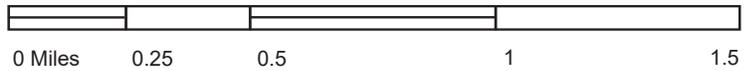
TP, Corona South, 1982, 7.5-minute

SITE NAME: P1E-22-09-07  
 ADDRESS: 2895 S Main St  
 Corona, CA 92879  
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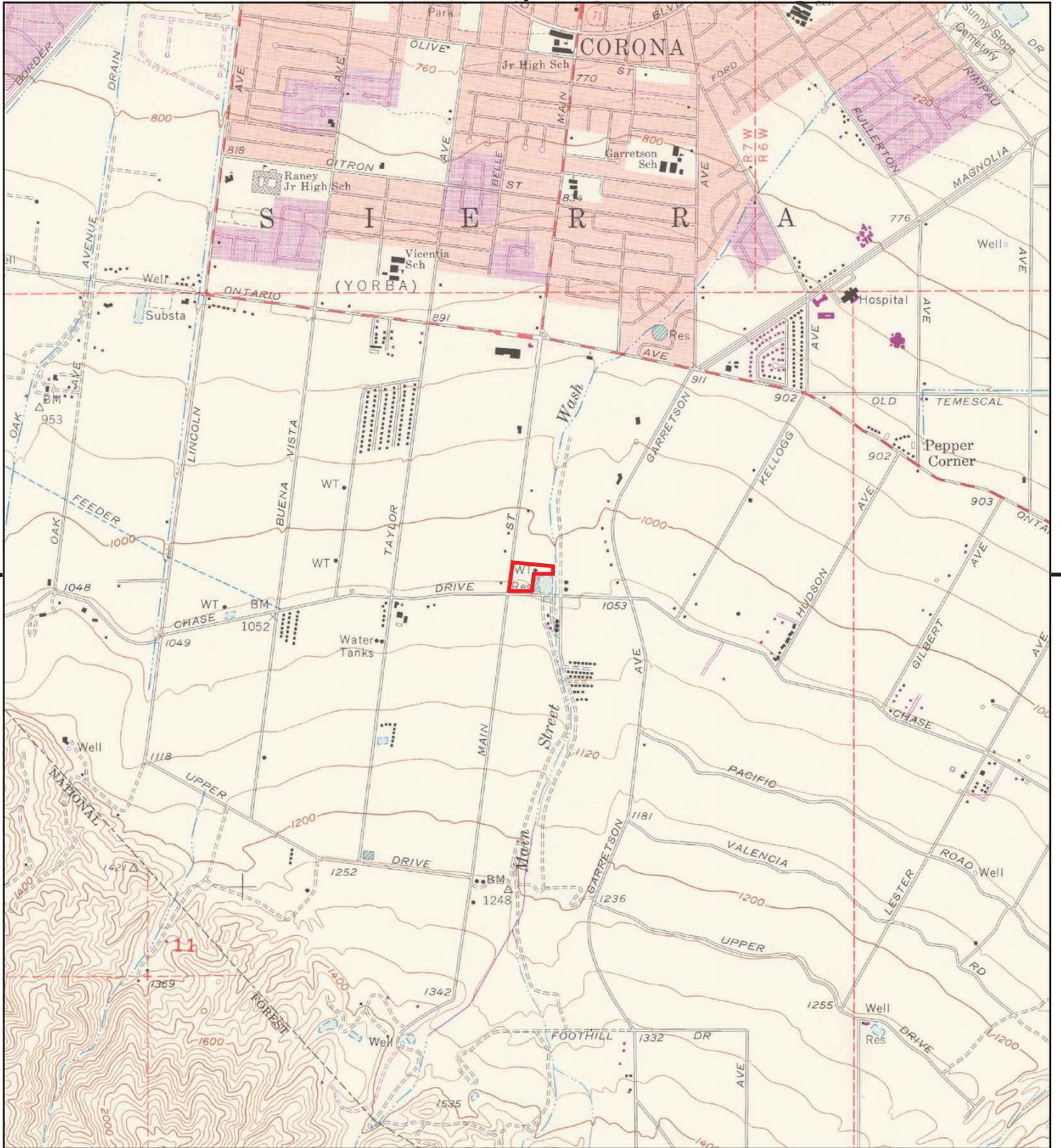
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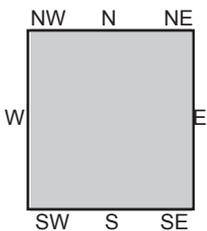
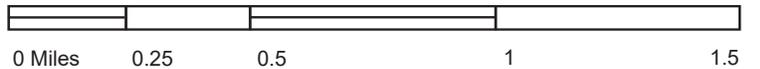
TP, Corona South, 1974, 7.5-minute

SITE NAME: P1E-22-09-07  
ADDRESS: 2895 S Main St  
Corona, CA 92879  
CLIENT: Priority One Environmental, Inc.





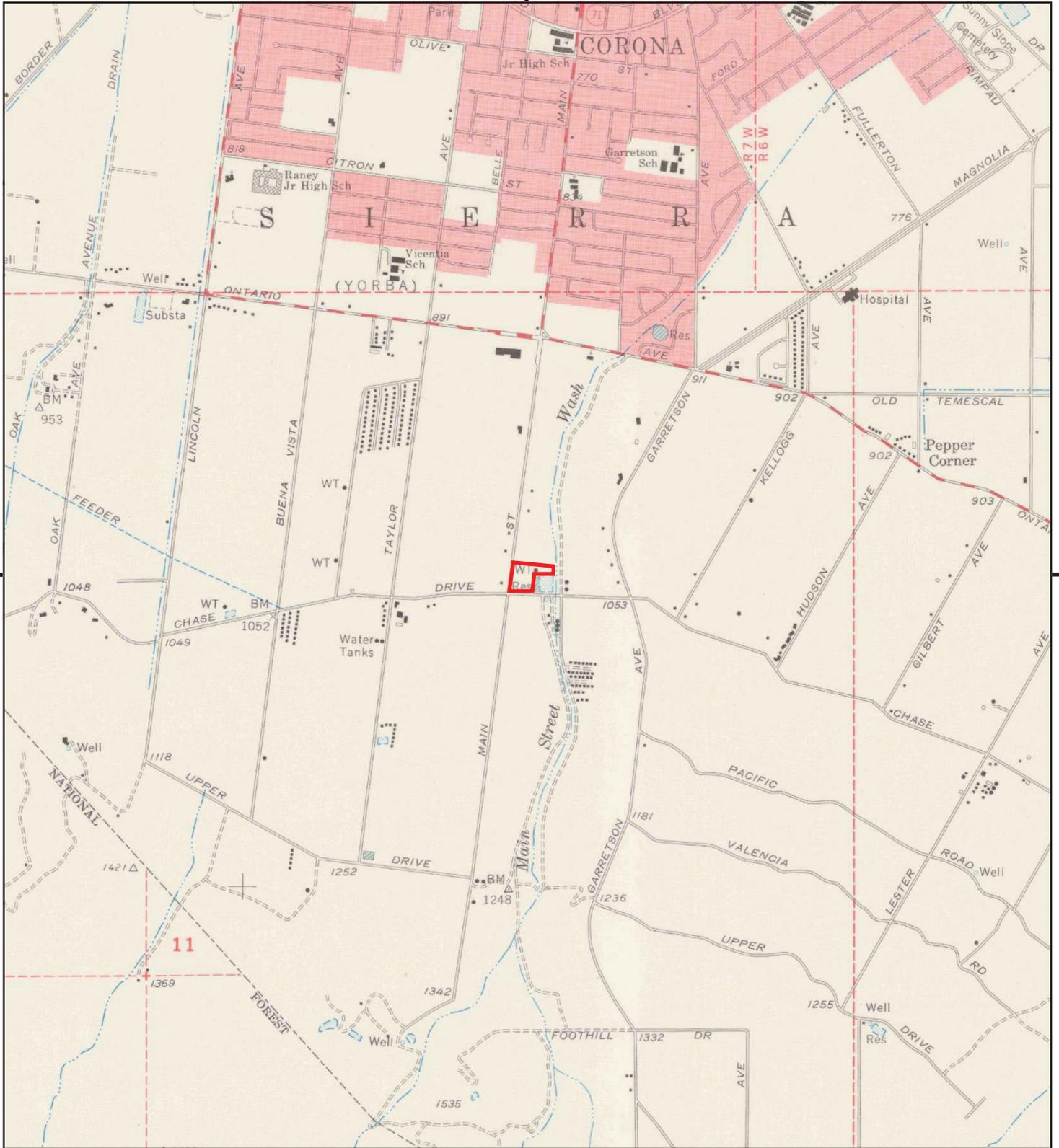
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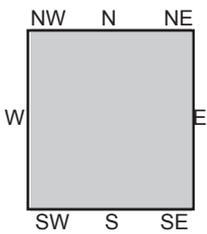
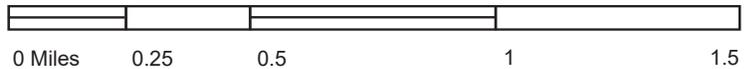
TP, Corona South, 1973, 7.5-minute

SITE NAME: P1E-22-09-07  
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 Corona, CA 92879  
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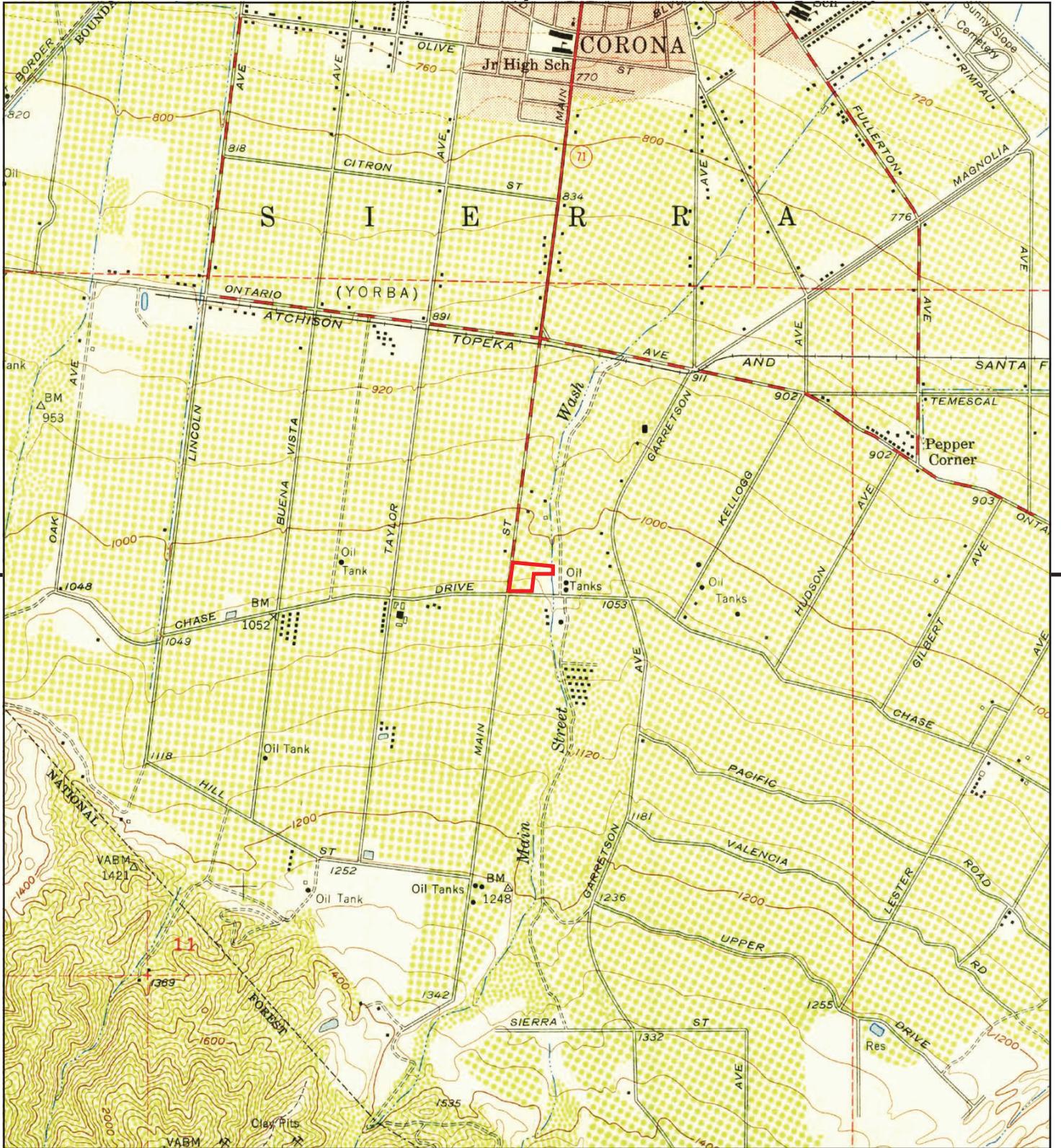
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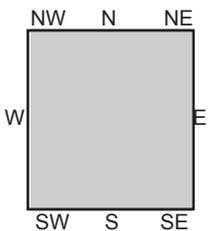
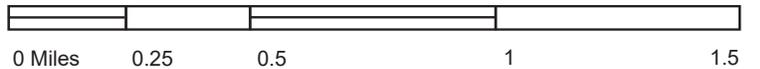
TP, Corona South, 1967, 7.5-minute

SITE NAME: P1E-22-09-07  
 ADDRESS: 2895 S Main St  
 Corona, CA 92879  
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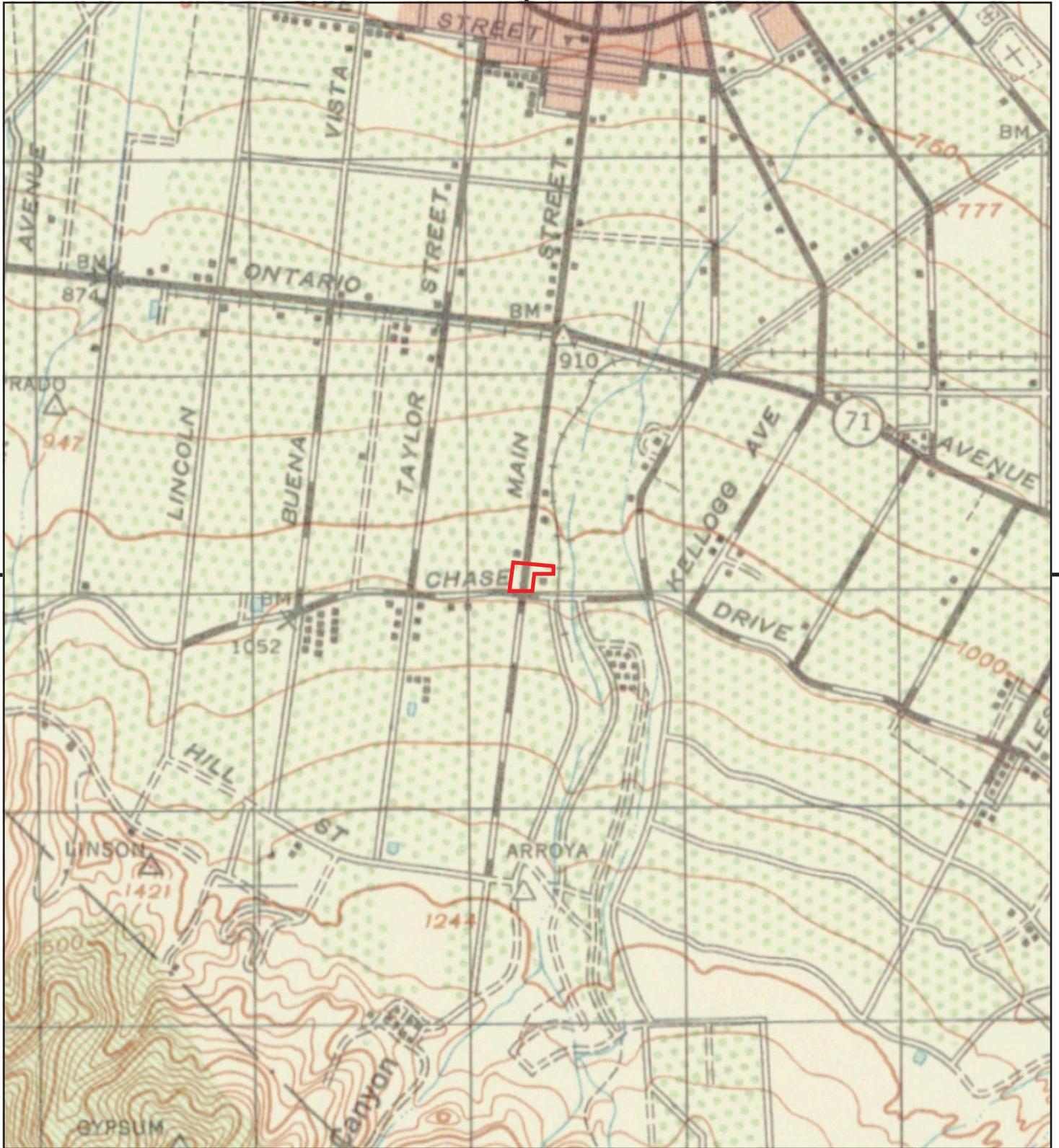
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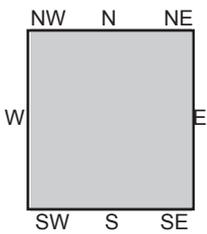
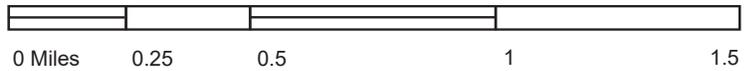
TP, Corona South, 1954, 7.5-minute

SITE NAME: P1E-22-09-07  
 ADDRESS: 2895 S Main St  
 Corona, CA 92879  
 CLIENT: Priority One Environmental, Inc.





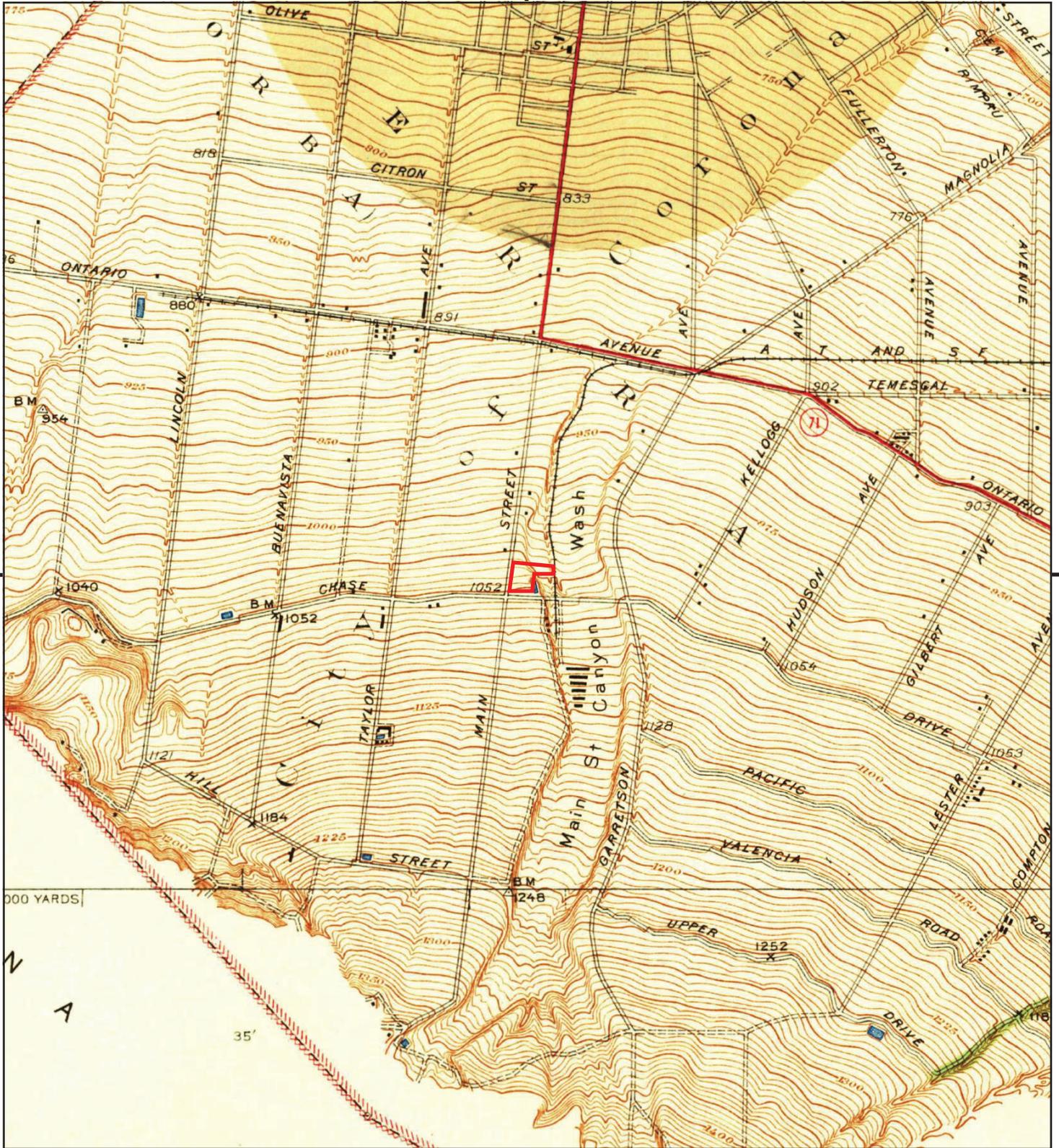
This report includes information from the following map sheet(s).



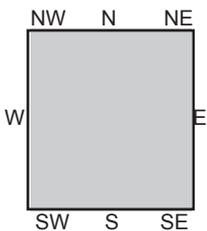
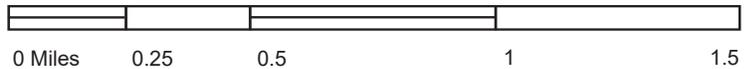
TP, CORONA, 1947, 15-minute

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 ADDRESS: 2895 S Main St  
 Corona, CA 92879  
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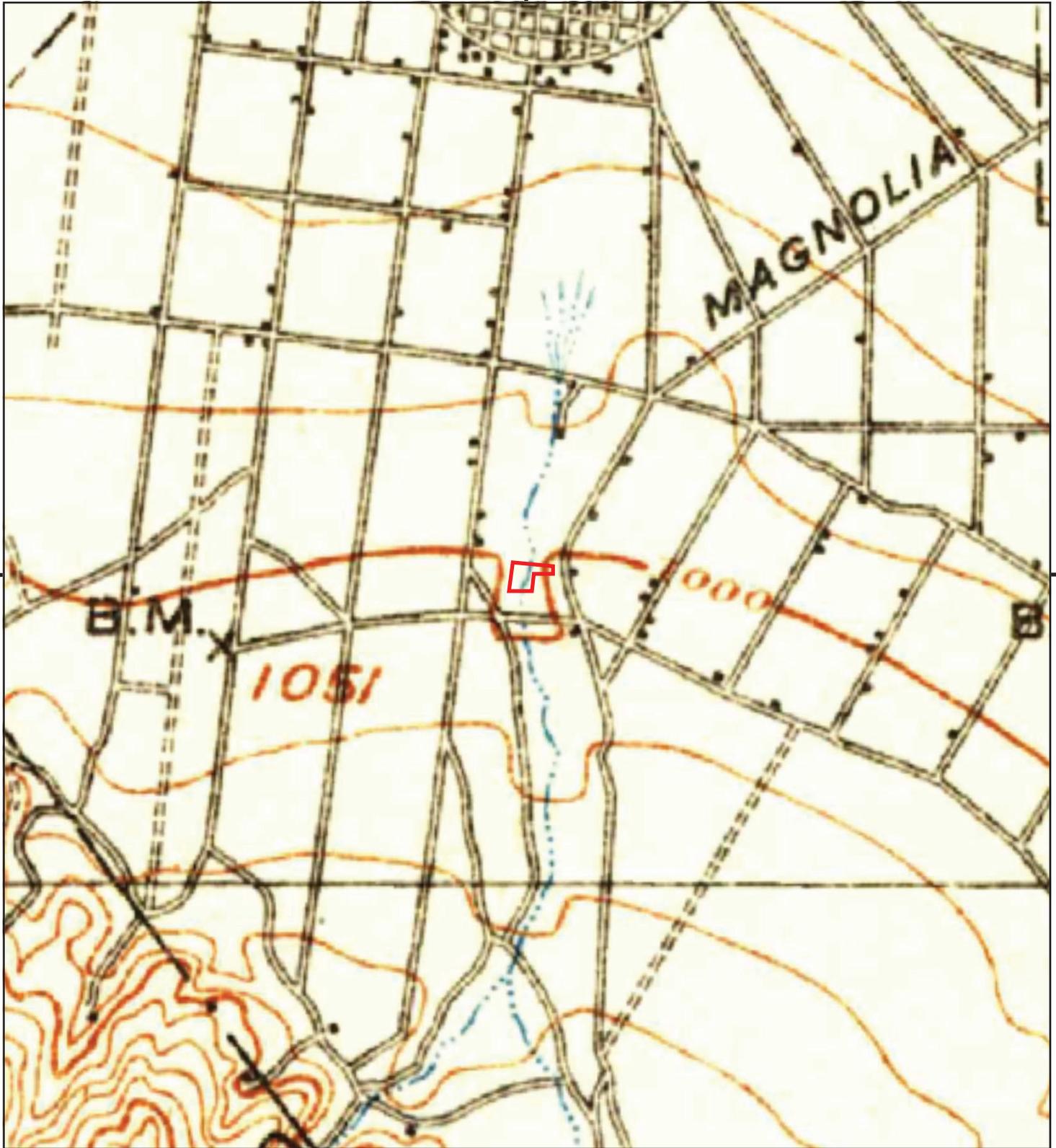
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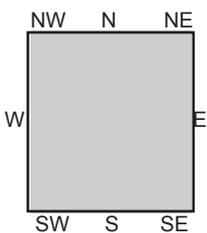
N, Corona and Vicinity, 1942, 7.5-minute

SITE NAME: P1E-22-09-07  
 ADDRESS: 2895 S Main St  
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This report includes information from the following map sheet(s).



TP, Corona, 1902, 30-minute

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ADDRESS: 2895 S Main St  
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**P1E-22-09-07**

2895 S Main St

Corona, CA 92879

Inquiry Number: 7117798.8

September 14, 2022

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

09/14/22

**Site Name:**

P1E-22-09-07  
2895 S Main St  
Corona, CA 92879  
EDR Inquiry # 7117798.8

**Client Name:**

Priority One Environmental, Inc.  
40686 Chianti Cir,  
Murrieta, CA 92562  
Contact: Paul Robinson



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:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
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
2002	1"=500'	Acquisition Date: January 01, 2002	USGS/DOQQ
1994	1"=500'	Acquisition Date: January 01, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: August 29, 1990	USDA
1989	1"=500'	Flight Date: August 03, 1989	USDA
1985	1"=500'	Flight Date: September 13, 1985	USDA
1975	1"=500'	Flight Date: August 01, 1975	USGS
1967	1"=500'	Flight Date: September 17, 1967	USDA
1961	1"=500'	Flight Date: June 17, 1961	USDA
1959	1"=500'	Flight Date: November 06, 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

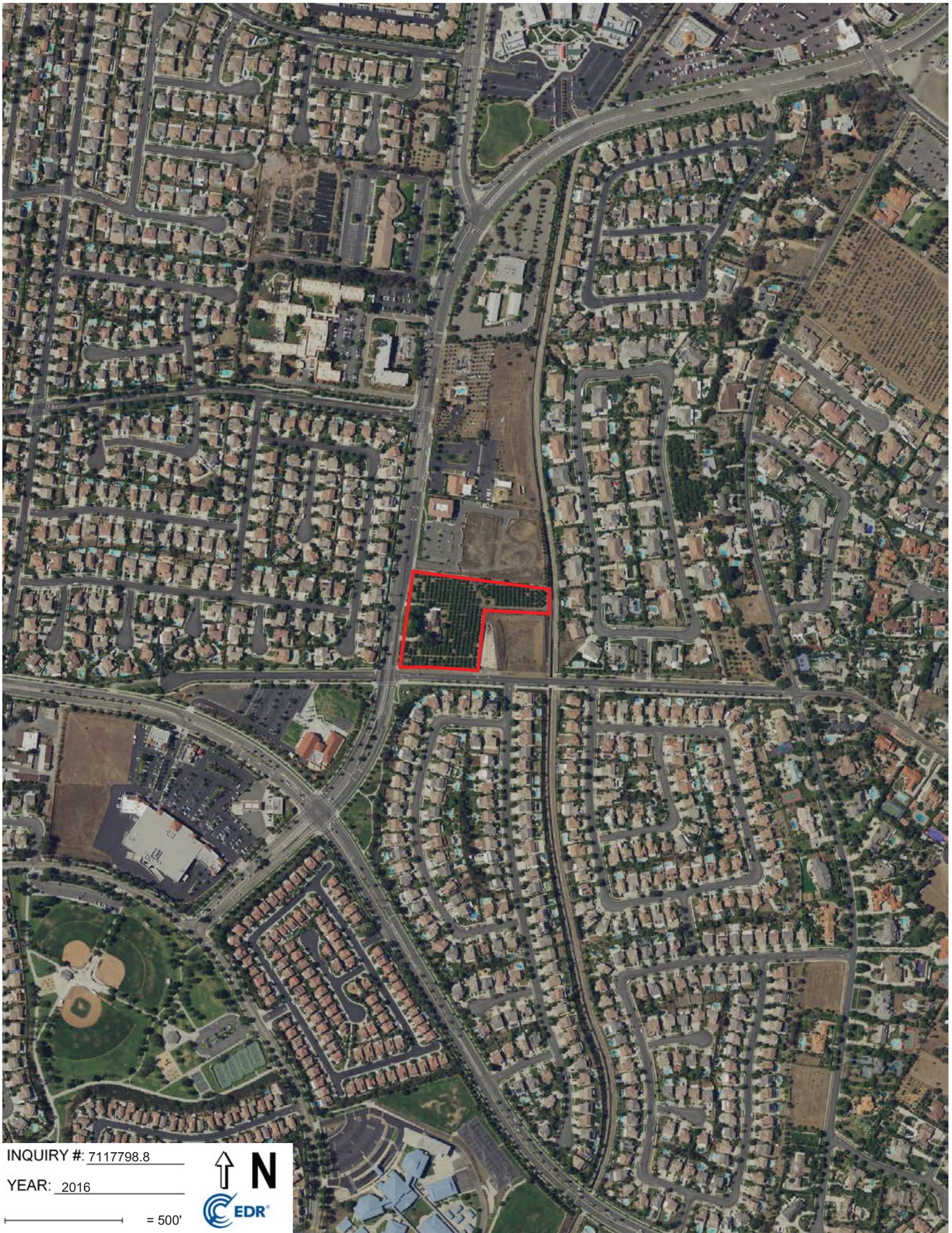
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INQUIRY #: 7117798.8

YEAR: 2016

— = 500'



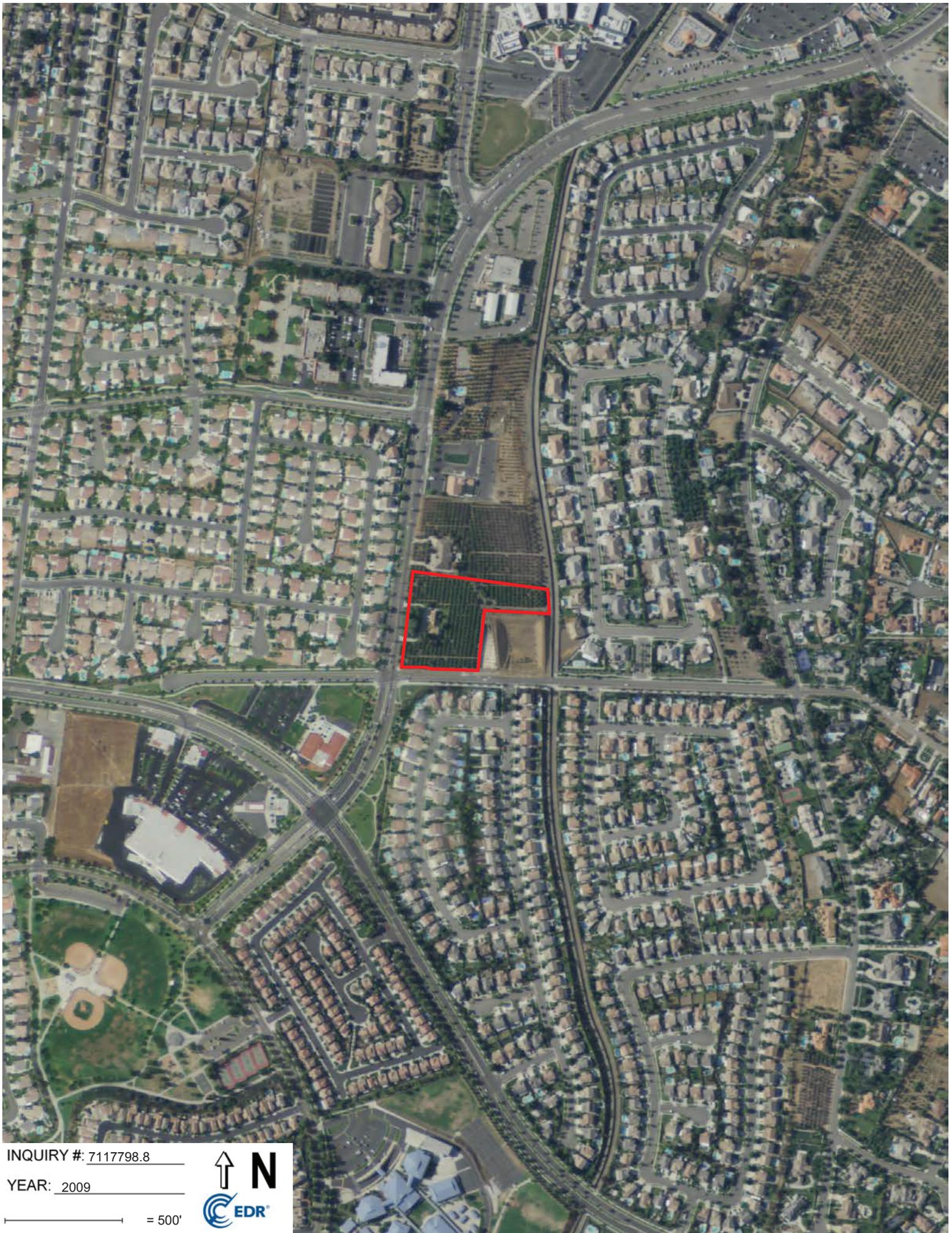


INQUIRY #: 7117798.8

YEAR: 2012

— = 500'



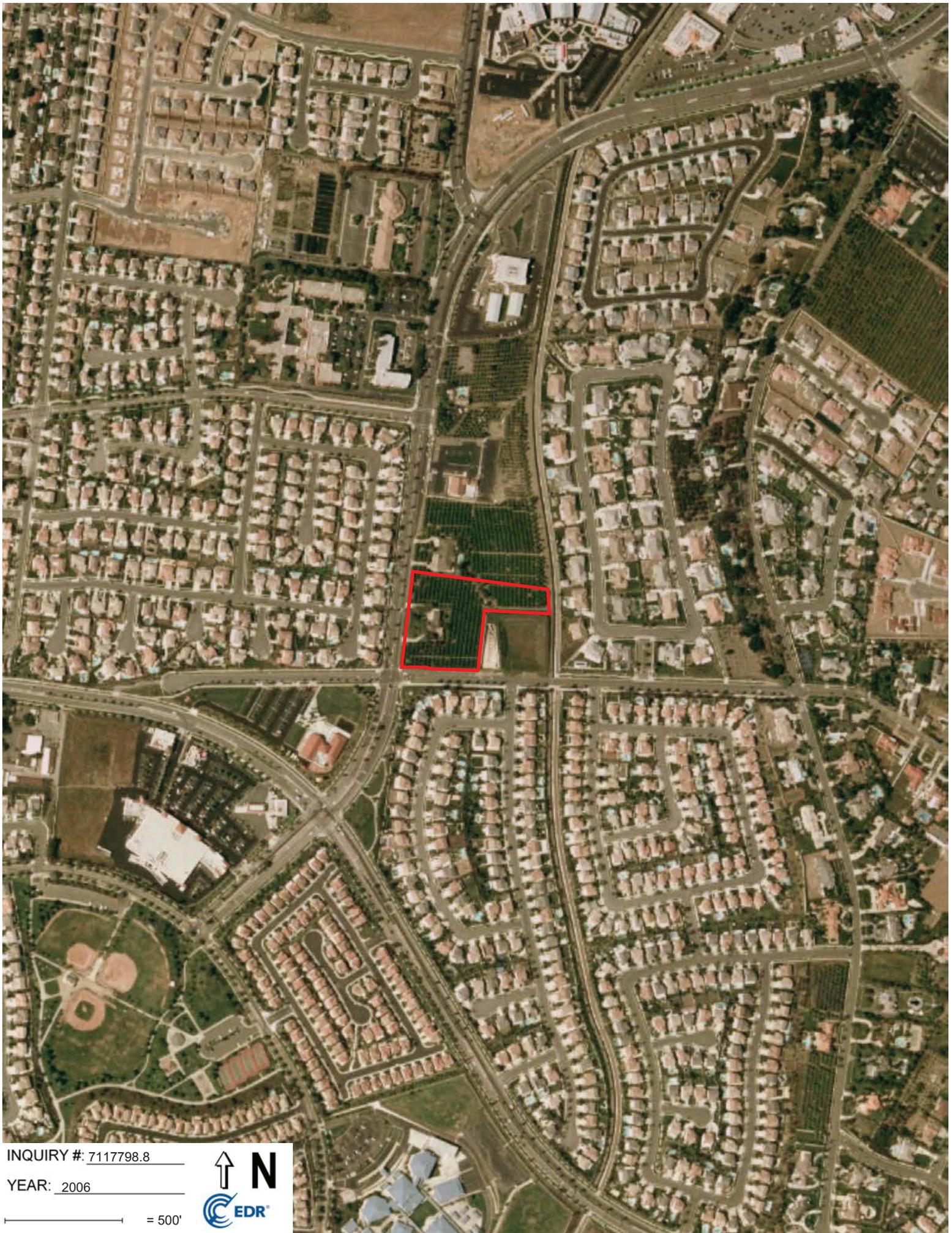


INQUIRY #: 7117798.8

YEAR: 2009

— = 500'





INQUIRY #: 7117798.8

YEAR: 2006

— = 500'





INQUIRY #: 7117798.8

YEAR: 2002

— = 500'





INQUIRY #: 7117798.8

YEAR: 1994

— = 500'





INQUIRY #: 7117798.8

YEAR: 1990

— = 500'





INQUIRY #: 7117798.8

YEAR: 1989

— = 500'



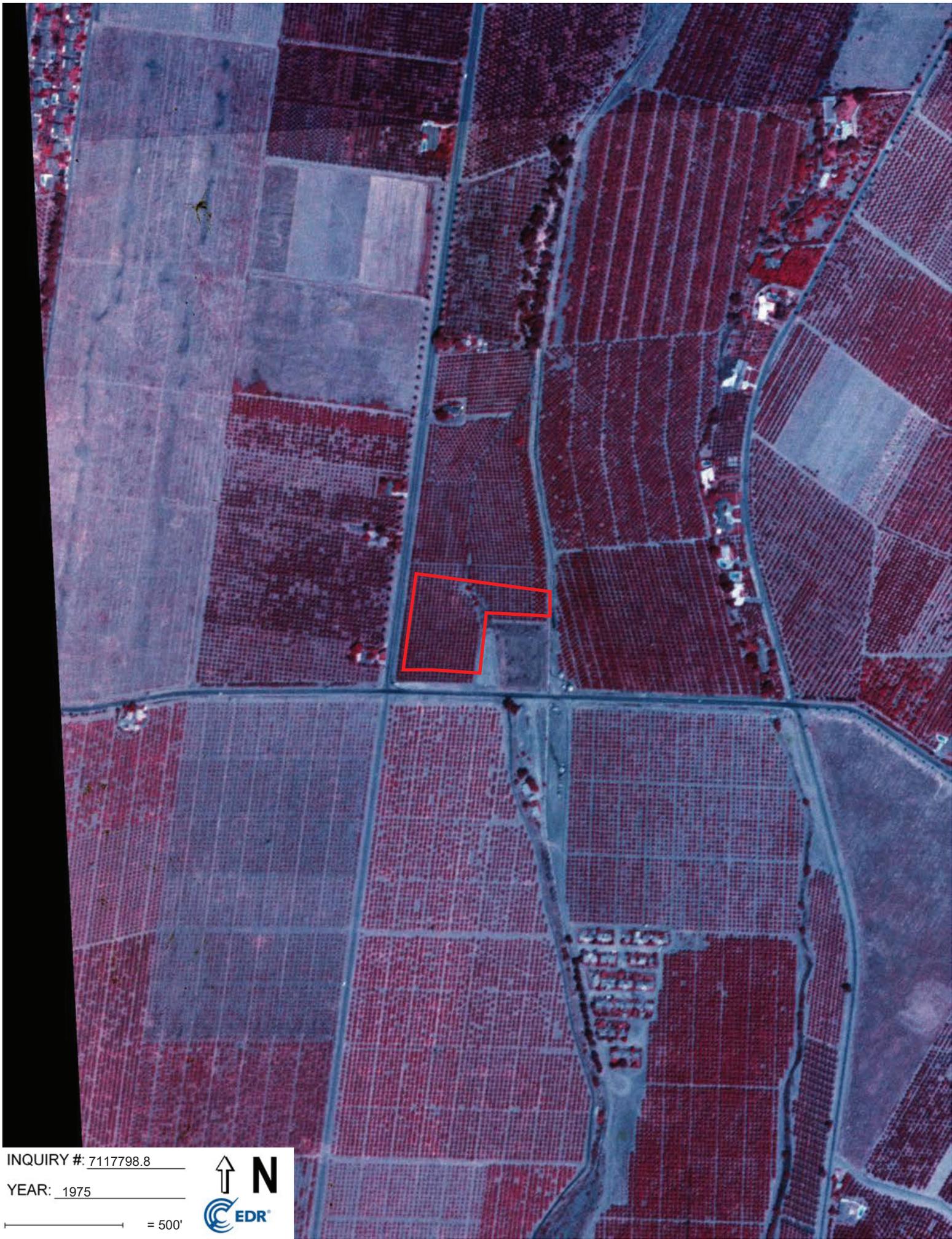


INQUIRY #: 7117798.8

YEAR: 1985

— = 500'





INQUIRY #: 7117798.8

YEAR: 1975

— = 500'





INQUIRY #: 7117798.8

YEAR: 1967

 = 500'





INQUIRY #: 7117798.8

YEAR: 1961

— = 500'





INQUIRY #: 7117798.8

YEAR: 1959

— = 500'



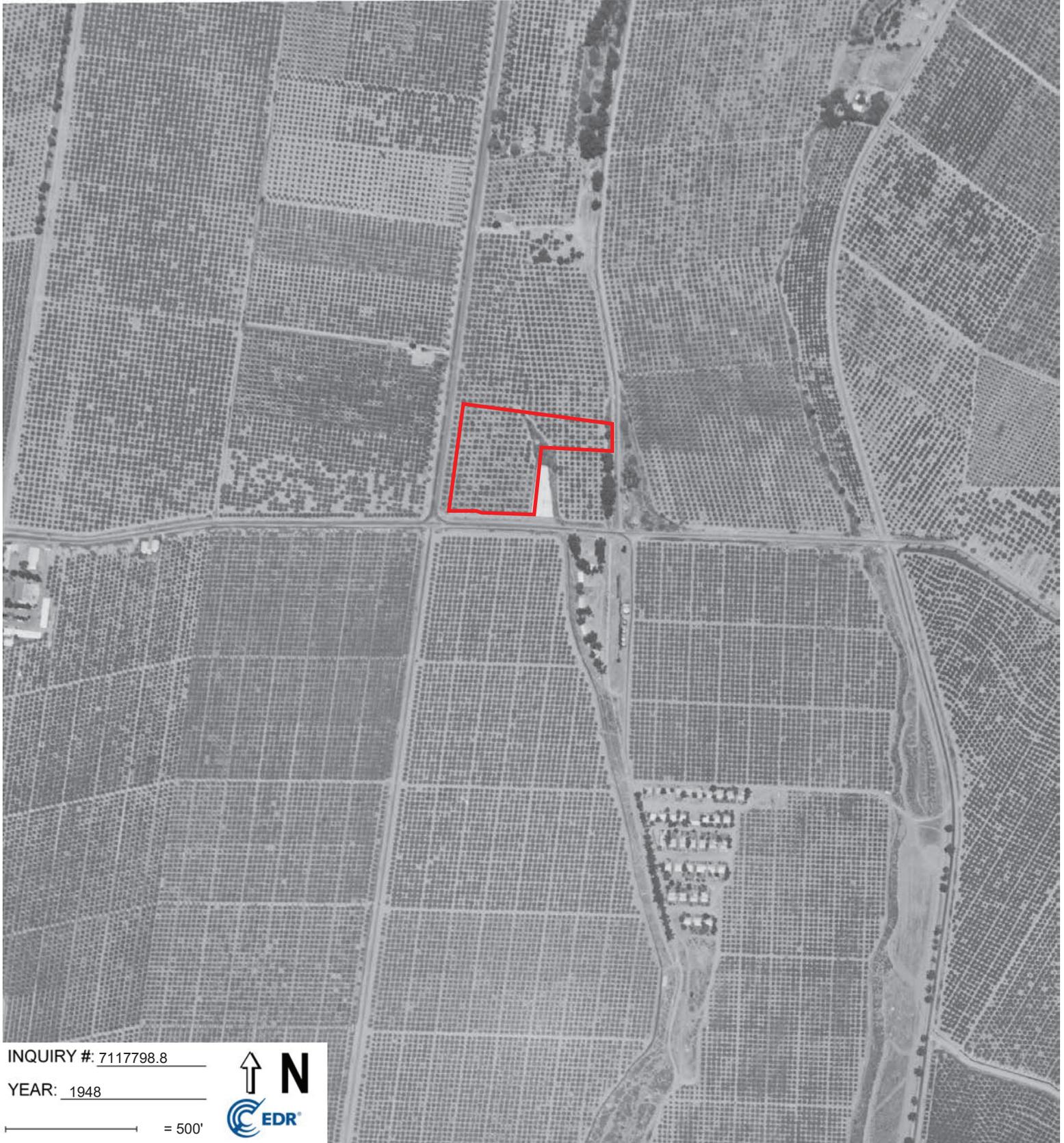


INQUIRY #: 7117798.8

YEAR: 1953

— = 500'





INQUIRY #: 7117798.8

YEAR: 1948

— = 500'





INQUIRY #: 7117798.8

YEAR: 1938

— = 500'





INQUIRY #: 7117798.8

YEAR: 1931

— = 500'



**P1E-22-09-07**

2895 S Main St  
Corona, CA 92879

Inquiry Number: 7117798.2s  
September 14, 2022

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
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*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 (E1527-21), 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

2895 S MAIN ST  
CORONA, CA 92879

#### COORDINATES

Latitude (North): 33.8463560 - 33° 50' 46.88"  
Longitude (West): 117.5699350 - 117° 34' 11.76"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 447271.7  
UTM Y (Meters): 3745072.5  
Elevation: 1038 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 12015885 CORONA SOUTH, CA  
Version Date: 2018

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140603  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
2895 S MAIN ST  
CORONA, CA 92879

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	1X TOM'S FARMS	2895 SO MAIN	HWTS		TP
A2	CHEVRON STATION NO 2	130 W FOOTHILL PKWY	RCRA-SQG, FINDS, HAZNET, HWTS	Higher	826, 0.156, SW
A3	CHEVRON STATION# 207	130 W FOOTHILL PKWY	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS	Higher	826, 0.156, SW
A4	CHEVRON STATION #207	130 W FOOTHILL PKWY	UST	Higher	826, 0.156, SW
A5	ALBERTSONS 728	260 W FOOTHILL PKWY	RCRA-VSQG	Higher	859, 0.163, SW
A6	ALBERTSON'S # 6728	260 W FOOTHILL PKWY	RCRA NonGen / NLR	Higher	859, 0.163, SW
A7	ALBERTSON'S # 6728	260 W FOOTHILL PKWY	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	859, 0.163, SW
8	LIFE CARE CENTERS OF	2600 S MAIN ST	UST	Lower	1192, 0.226, North
9	RESTORATION SPECIALI	160 W FOOTHILL PKWY	RCRA NonGen / NLR	Higher	1239, 0.235, SW
10	NEW BUENA VISTA HIGH	MAGNOLIA AVENUE/MAIN	ENVIROSTOR, SCH	Lower	1599, 0.303, North
B11	FOOTHILL PROPERTY	510 FOOTHILL PKWY	LUST, SWEEPS UST, CA FID UST, Cortese, HIST...	Higher	1633, 0.309, WSW
12	ALLEVATO, RON	2875 TAYLOR AVE	LUST, Cortese, HIST CORTESE, CERS	Lower	1756, 0.333, West
B13	CORONA CHEMICAL COMP	S. TAYLOR AVE. & W F	ENVIROSTOR	Higher	1816, 0.344, West
14	EISENHOWER ELEMENTAR	3355 MOUNTAIN GATE D	ENVIROSTOR, SCH	Higher	3970, 0.752, WSW
15	VICENTIA ELEMENTARY	2005 VICENTIA AVENUE	ENVIROSTOR, SCH	Lower	5180, 0.981, NNW

# 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:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
1X TOM'S FARMS 2895 SO MAIN CORONA, CA 91720	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**

### ***Lists of Federal NPL (Superfund) sites***

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

### ***Lists of Federal Delisted NPL sites***

Delisted NPL..... National Priority List Deletions

### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS..... Corrective Action Report

### ***Lists of Federal RCRA TSD facilities***

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

### ***Lists of Federal RCRA generators***

RCRA-LQG..... RCRA - Large Quantity Generators

## EXECUTIVE SUMMARY

### ***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

### ***Lists of state- and tribal (Superfund) equivalent sites***

RESPONSE..... State Response Sites

### ***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF..... Solid Waste Information System

### ***Lists of state and tribal leaking storage tanks***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land  
CPS-SLIC..... Statewide SLIC Cases

### ***Lists of state and tribal registered storage tanks***

FEMA UST..... Underground Storage Tank Listing  
AST..... Aboveground Petroleum Storage Tank Facilities  
INDIAN UST..... Underground Storage Tanks on Indian Land

### ***Lists of state and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing  
VCP..... Voluntary Cleanup Program Properties

### ***Lists of state and tribal brownfield sites***

BROWNFIELDS..... Considered Brownfields Sites Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

WMUDS/SWAT..... Waste Management Unit Database  
SWRCY..... Recycler Database  
HAULERS..... Registered Waste Tire Haulers Listing  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
IHS OPEN DUMPS..... Open Dumps on Indian Land

## EXECUTIVE SUMMARY

### **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
AQUEOUS FOAM.....	Former Fire Training Facility Assessments Listing

### **Local Lists of Registered Storage Tanks**

SWEEPS UST.....	SWEEPS UST Listing
HIST UST.....	Hazardous Substance Storage Container Database
CA FID UST.....	Facility Inventory Database

### **Local Land Records**

LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information
DEED.....	Deed Restriction Listing

### **Records of Emergency Release Reports**

HMIRS.....	Hazardous Materials Information Reporting System
CHMIRS.....	California Hazardous Material Incident Report 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
ICIS.....	Integrated Compliance Information 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

## EXECUTIVE SUMMARY

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
FINDS.....	Facility Index System/Facility Registry System
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EML.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
UIC GEO.....	UIC GEO (GEOTRACKER)
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
CIWQS.....	California Integrated Water Quality System
CERS.....	CERS
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

## EXECUTIVE SUMMARY

EDR Hist Auto..... EDR Exclusive Historical Auto Stations  
EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LF..... Recovered Government Archive Solid Waste Facilities List  
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.

### STANDARD ENVIRONMENTAL RECORDS

#### ***Lists of Federal RCRA generators***

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 06/20/2022 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>CHEVRON STATION NO 2</i></b> EPA ID:: CAR000118430	<b><i>130 W FOOTHILL PKWY</i></b>	<b><i>SW 1/8 - 1/4 (0.156 mi.)</i></b>	<b><i>A2</i></b>	<b><i>9</i></b>

RCRA-VSQG: 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.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/20/2022 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALBERTSONS 728 EPA ID:: CAR000304014	260 W FOOTHILL PKWY	SW 1/8 - 1/4 (0.163 mi.)	A5	56

### ***Lists of state- and tribal hazardous waste facilities***

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies 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 04/25/2022 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CORONA CHEMICAL COMP Facility Id: 60000225 Status: No Action Required	S. TAYLOR AVE. & W F	W 1/4 - 1/2 (0.344 mi.)	B13	107
<b>EISENHOWER ELEMENTAR</b> Facility Id: 33010023 Status: No Further Action	<b>3355 MOUNTAIN GATE D</b>	<b>WSW 1/2 - 1 (0.752 mi.)</b>	<b>14</b>	<b>108</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NEW BUENA VISTA HIGH</b> Facility Id: 33010080 Status: No Further Action	<b>MAGNOLIA AVENUE/MAIN</b>	<b>N 1/4 - 1/2 (0.303 mi.)</b>	<b>10</b>	<b>95</b>
<b>VICENTIA ELEMENTARY</b> Facility Id: 60000813 Status: Certified	<b>2005 VICENTIA AVENUE</b>	<b>NNW 1/2 - 1 (0.981 mi.)</b>	<b>15</b>	<b>111</b>

### ***Lists of state and tribal leaking storage tanks***

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 2 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FOOTHILL PROPERTY</b> Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: RIVERSIDE CO. LUST, Date of Government Version: 03/31/2022 Database: LUST, Date of Government Version: 05/23/2022	<b>510 FOOTHILL PKWY</b>	<b>WSW 1/4 - 1/2 (0.309 mi.)</b>	<b>B11</b>	<b>98</b>

## EXECUTIVE SUMMARY

Global Id: T0606500450  
Facility Status: 9  
Status: Completed - Case Closed  
Facility Status: Case Closed  
Facility Id: 95956  
Global ID: T0606500450

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ALLEVATO, RON</b>	<b>2875 TAYLOR AVE</b>	<b>W 1/4 - 1/2 (0.333 mi.)</b>	<b>12</b>	<b>103</b>
Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: RIVERSIDE CO. LUST, Date of Government Version: 03/31/2022 Database: LUST, Date of Government Version: 05/23/2022 Global Id: T0606500192 Facility Status: 9 Status: Completed - Case Closed Facility Status: Case Closed Facility Id: 90523 Global ID: T0606500192				

### ***Lists of state and tribal registered storage tanks***

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 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON STATION #207	130 W FOOTHILL PKWY	SW 1/8 - 1/4 (0.156 mi.)	A4	55
Database: UST, Date of Government Version: 06/06/2022 Database: RIVERSIDE CO. UST, Date of Government Version: 03/31/2022 Facility Id: FA0022255				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LIFE CARE CENTERS OF	2600 S MAIN ST	N 1/8 - 1/4 (0.226 mi.)	8	92
Database: UST, Date of Government Version: 06/06/2022 Facility Id: 450				

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***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 04/18/2022 has revealed that there

## EXECUTIVE SUMMARY

are 2 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CHEVRON STATION# 207</i>	<i>130 W FOOTHILL PKWY</i>	<i>SW 1/8 - 1/4 (0.156 mi.)</i>	<i>A3</i>	<i>45</i>
<i>ALBERTSON'S # 6728</i>	<i>260 W FOOTHILL PKWY</i>	<i>SW 1/8 - 1/4 (0.163 mi.)</i>	<i>A7</i>	<i>64</i>

### **Local Lists of Registered Storage Tanks**

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 04/18/2022 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CHEVRON STATION# 207</i>	<i>130 W FOOTHILL PKWY</i>	<i>SW 1/8 - 1/4 (0.156 mi.)</i>	<i>A3</i>	<i>45</i>

### **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 06/20/2022 has revealed that there are 2 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>ALBERTSON'S # 6728</i> <i>EPA ID:: CAL000384631</i>	<i>260 W FOOTHILL PKWY</i>	<i>SW 1/8 - 1/4 (0.163 mi.)</i>	<i>A6</i>	<i>61</i>
<i>RESTORATION SPECIALI</i> <i>EPA ID:: CAL000434310</i>	<i>160 W FOOTHILL PKWY</i>	<i>SW 1/8 - 1/4 (0.235 mi.)</i>	<i>9</i>	<i>92</i>

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 06/21/2022 has revealed that there are 2 Cortese sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FOOTHILL PROPERTY</i> <i>Cleanup Status: COMPLETED - CASE CLOSED</i>	<i>510 FOOTHILL PKWY</i>	<i>WSW 1/4 - 1/2 (0.309 mi.)</i>	<i>B11</i>	<i>98</i>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>ALLEVATO, RON</i>	<i>2875 TAYLOR AVE</i>	<i>W 1/4 - 1/2 (0.333 mi.)</i>	<i>12</i>	<i>103</i>

## EXECUTIVE SUMMARY

Cleanup Status: COMPLETED - CASE CLOSED

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 [CALSTATES]. 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 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>FOOTHILL PROPERTY</b> Reg Id: 083302784T	<b>510 FOOTHILL PKWY</b>	<b>WSW 1/4 - 1/2 (0.309 mi.)</b>	<b>B11</b>	<b>98</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ALLEVATO, RON</b> Reg Id: 083301562T	<b>2875 TAYLOR AVE</b>	<b>W 1/4 - 1/2 (0.333 mi.)</b>	<b>12</b>	<b>103</b>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

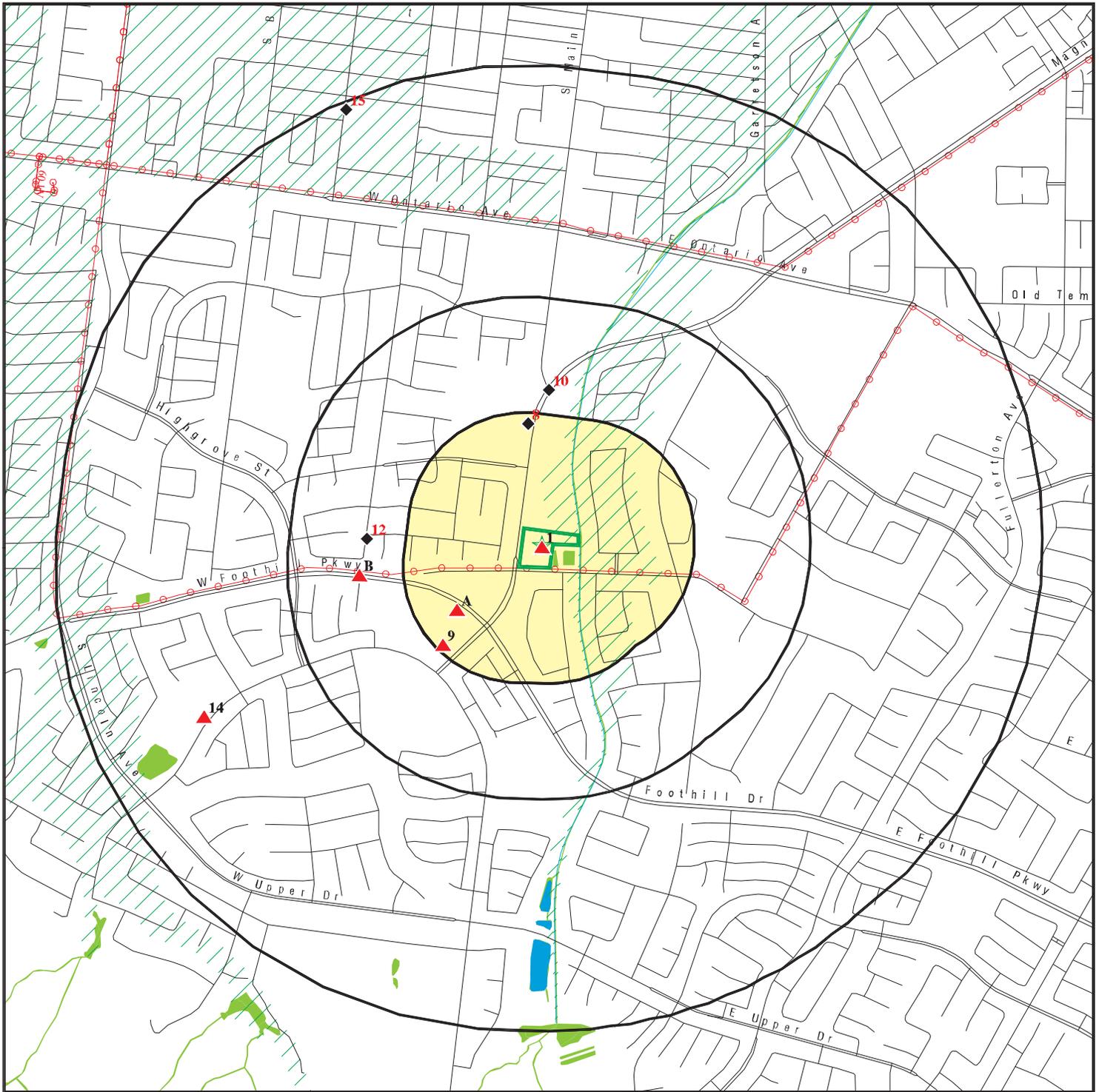
Site Name

LYON/COPLEY CORONA ASSO. L.P.  
WU PROPERTY, FIELDSTONE COMMUNITIES

Database(s)

CPS-SLIC  
ENVIROSTOR

# OVERVIEW MAP - 7117798.2S



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: P1E-22-09-07  
 ADDRESS: 2895 S Main St  
 Corona CA 92879  
 LAT/LONG: 33.846356 / 117.569935

CLIENT: Priority One Environmental, Inc.  
 CONTACT: Paul Robinson  
 INQUIRY #: 7117798.2S  
 DATE: September 14, 2022 3:47 pm

# DETAIL MAP - 7117798.2S



-  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
-  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: P1E-22-09-07  
 ADDRESS: 2895 S Main St  
 Corona CA 92879  
 LAT/LONG: 33.846356 / 117.569935

CLIENT: Priority One Environmental, Inc.  
 CONTACT: Paul Robinson  
 INQUIRY #: 7117798.2s  
 DATE: September 14, 2022 3:50 pm

## 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
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
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
<b><i>Federal institutional controls / engineering controls registries</i></b>								
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
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal (Superfund) equivalent sites</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>Lists of state- and tribal hazardous waste facilities</i></b>								
ENVIROSTOR	1.000		0	0	2	2	NR	4
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		0	0	0	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
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
LUST	0.500		0	0	2	NR	NR	2
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
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
CERS HAZ WASTE	0.250		0	2	NR	NR	NR	2
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	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
CERS TANKS	0.250		0	1	NR	NR	NR	1
<b>Local Land Records</b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
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
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	2	NR	NR	NR	2
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		0	NR	NR	NR	NR	0
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		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0



## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
-----------------	--	----------------------------	-----------------	------------------	------------------	----------------	---------------	--------------------------

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**1**  
**Target**  
**Property**

**1X TOM'S FARMS**  
**2895 SO MAIN**  
**CORONA, CA 91720**

**HWTS**    **S124522388**  
**N/A**

**Actual:**  
**1038 ft.**

HWTS:  
Name: 1X TOM'S FARMS  
Address: 2895 SO MAIN  
Address 2: Not reported  
City,State,Zip: CORONA, CA 91720  
EPA ID: CAC000010009  
Inactive Date: 10/25/2000  
Create Date: 05/05/1987  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: Not reported  
Mailing Address 2: Not reported  
Mailing City,State,Zip: CORONA, CA 917200000  
Owner Name: Not reported  
Owner Address: Not reported  
Owner Address 2: Not reported  
Owner City,State,Zip: Not reported  
Contact Name: NIKI BOWLES  
Contact Address: Not reported  
Contact Address 2: Not reported  
City,State,Zip: Not reported  
Facility Status: Inactive  
Facility Type: TEMPORARY  
Category: STATE  
Latitude: 33.784632  
Longitude: -118.083349

**A2**  
**SW**  
**1/8-1/4**  
**0.156 mi.**  
**826 ft.**

**CHEVRON STATION NO 207496**  
**130 W FOOTHILL PKWY**  
**CORONA, CA 91720**  
  
**Site 1 of 6 in cluster A**

**RCRA-SQG**    **1006804926**  
**FINDS**    **CAR000118430**  
**HAZNET**  
**HWTS**

**Relative:**  
**Higher**  
**Actual:**  
**1071 ft.**

RCRA-SQG:  
Date Form Received by Agency: 20020516  
Handler Name: CHEVRON STATION NO 207496  
Handler Address: 130 W FOOTHILL PKWY  
Handler City,State,Zip: CORONA, CA 91720  
EPA ID: CAR000118430  
Contact Name: KATHY NORRIS  
Contact Address: P O BOX 6004  
Contact City,State,Zip: SAN RAMON, CA 94583  
Contact Telephone: 925-842-5931  
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: P O BOX 6004

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Mailing City, State, Zip:	SAN RAMON, CA 94583
Owner Name:	CHEVRON PRODUCTS CO
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:	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:	20021007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Recycler Activity Without Storage: No  
Manifest Broker: No  
Sub-Part P Indicator: No

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 PRODUCTS CO  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: P O BOX 6004  
Owner/Operator City,State,Zip: SAN RAMON, CA 94583  
Owner/Operator Telephone: 925-842-5931  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20020516  
Handler Name: CHEVRON STATION NO 207496  
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: 110057121822

[Click Here for FRS Facility Detail Report:](#)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

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 STATION NO 207496
Address:	130 W FOOTHILL PKWY
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:	CAR000118430
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:	0.10000
Year:	2019
Gepaid:	CAR000118430
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:	0.10000
Year:	2018
Gepaid:	CAR000118430
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:	0.02000
Year:	2018
Gepaid:	CAR000118430
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:	0.09500
Year:	2017
Gepaid:	CAR000118430
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:	0.05

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Year:	2017
Gepaid:	CAR000118430
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
Year:	2016
Gepaid:	CAR000118430
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:	0.045
Year:	2016
Gepaid:	CAR000118430
TSD EPA ID:	CAD044429835
CA Waste Code:	-
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	Not reported
Year:	2016
Gepaid:	CAR000118430
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:	2015
Gepaid:	CAR000118430
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

[Click this hyperlink](#) while viewing on your computer to access 28 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2017
Gen EPA ID:	CAR000118430
Shipment Date:	20171207
Creation Date:	8/7/2018 18:30:40
Receipt Date:	20171221
Manifest ID:	011544230FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

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:	0.025
Waste Quantity:	50
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:	011544230FLE
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:	010225549FLE
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

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: 20170202  
Creation Date: 5/18/2017 18:32:03  
Receipt Date: 20170203  
Manifest ID: 010338009FLE  
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: 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: 2007  
Gen EPA ID: CAR000118430

Shipment Date: 20070721  
Creation Date: 11/5/2007 18:30:06  
Receipt Date: 20070724  
Manifest ID: 003318533JJK  
Trans EPA ID: CAR000152785  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Quantity Tons: 1.9152  
Waste Quantity: 456  
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: 20070606  
Creation Date: 3/3/2008 8:08:24  
Receipt Date: 20070607  
Manifest ID: 002989817JJK  
Trans EPA ID: CAD982444481  
Trans Name: FILTER RECYCLING SERVICES 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: 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: 20070606  
Creation Date: 10/18/2007 18:30:07  
Receipt Date: 20070608  
Manifest ID: 002084905JJK  
Trans EPA ID: CAR000152785  
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: 0.042  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON STATION NO 207496 (Continued)

1006804926

Additional Info:

Year: 2012  
Gen EPA ID: CAR000118430

Shipment Date: 20121217  
Creation Date: 2/18/2013 22:15:20  
Receipt Date: 20121229  
Manifest ID: 010608912JJK  
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/Recovery (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: 010608912JJK  
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: 223 - Unspecified oil-containing waste  
RCRA Code: D018  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Manifest ID: 010608911JJK  
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: 6/19/2015 10:51:35  
Receipt Date: 20120706  
Manifest ID: 009944596JJK  
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 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: 6/19/2015 10:51:35  
Receipt Date: 20120706  
Manifest ID: 009944596JJK  
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 ENVIRONMENTAL SERVICES  
TSDf Alt EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

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:	0.105
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
Shipment Date:	20120621
Creation Date:	9/17/2012 22:15:21
Receipt Date:	20120622
Manifest ID:	009944595JJK
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:	0.0075
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:	20120210
Creation Date:	3/27/2012 20:30:43
Receipt Date:	20120213
Manifest ID:	009502537JJK
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:	H129 - Other Treatment
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Additional Code 1:	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:	009504682JJK
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 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:	20120210
Creation Date:	4/25/2012 20:30:21
Receipt Date:	20120227
Manifest ID:	009504682JJK
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 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:	0.017
Waste Quantity:	5
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Additional Info:

Year:	2013
Gen EPA ID:	CAR000118430
Shipment Date:	20131014
Creation Date:	12/10/2013 22:15:06
Receipt Date:	20130924
Manifest ID:	006967839FLE
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:	0.03
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:	20130710
Creation Date:	9/16/2013 22:15:07
Receipt Date:	20130711
Manifest ID:	006104432FLE
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:	0.275
Waste Quantity:	550
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:	20130509
Creation Date:	7/15/2013 22:15:07
Receipt Date:	20130510

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Manifest ID: 006068568FLE  
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: 20130509  
Creation Date: 7/15/2013 22:15:07  
Receipt Date: 20130510  
Manifest ID: 006068568FLE  
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: 20130418  
Creation Date: 6/19/2013 22:15:07  
Receipt Date: 20130419  
Manifest ID: 006055359FLE  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

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: 20130418  
Creation Date: 6/19/2013 22:15:07  
Receipt Date: 20130419  
Manifest ID: 006055358FLE  
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: 0.055  
Waste Quantity: 110  
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: 2010  
Gen EPA ID: CAR000118430

Shipment Date: 20101116  
Creation Date: 5/5/2011 18:30:32  
Receipt Date: 20101124  
Manifest ID: 007927321JJK  
Trans EPA ID: CAR000172460  
Trans Name: ENVIRONMENTAL LOGISTICS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICE  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CHEVRON STATION NO 207496 (Continued)

1006804926

RCRA Code: D018  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0068  
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: 20100719  
Creation Date: 9/10/2010 18:30:54  
Receipt Date: 20100728  
Manifest ID: 007289223JJK  
Trans EPA ID: CAR000152785  
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: 1.5078  
Waste Quantity: 359  
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: 20100712  
Creation Date: 12/16/2010 18:30:26  
Receipt Date: 20100716  
Manifest ID: 007025092JJK  
Trans EPA ID: CAR000172460  
Trans Name: ENVIRONMENTAL LOGISTICS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICE  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

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: 006598758JJK  
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 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  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2005  
Gen EPA ID: CAR000118430

Shipment Date: 20051011  
Creation Date: 5/24/2006 18:31:13  
Receipt Date: 20051012  
Manifest ID: 24509275  
Trans EPA ID: CAD982444481  
Trans Name: FILTER RECYCLING SERVICES 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: CAD982444481  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Shipment Date: 20050930  
Creation Date: 3/12/2006 18:30:40  
Receipt Date: 20051005  
Manifest ID: 24329760  
Trans EPA ID: CAR000152785  
Trans Name: CALIFORNIA HAZARDOUS SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD008302903  
Trans Name: ONYX ENVIRONMENTAL SERVICES  
TSDf Alt EPA ID: CAD008302903  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: D001  
Meth Code: R01 - Recycler  
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: 20050201  
Creation Date: 4/2/2005 18:31:07  
Receipt Date: 20050202  
Manifest ID: 24205104  
Trans EPA ID: CAD982444481  
Trans Name: FILTER RECYCLING SERVICES 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: CAD982444481  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: NONE  
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

Additional Info:

Year: 2011  
Gen EPA ID: CAR000118430

Shipment Date: 20110915  
Creation Date: 3/12/2012 20:30:14  
Receipt Date: 20110927  
Manifest ID: 008893690JJK  
Trans EPA ID: CAR000172460

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE
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:	3/12/2012 20:30:14
Receipt Date:	20110927
Manifest ID:	008893690JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE
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:	0.01
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:	20110915
Creation Date:	3/22/2012 20:30:11
Receipt Date:	20110916
Manifest ID:	008893689JJK
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Waste Code Description:	352 - Other organic solids
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:	20110524
Creation Date:	10/1/2011 18:30:46
Receipt Date:	20110603
Manifest ID:	008698569JJK
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 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:	0.0204
Waste Quantity:	6
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:	20110415
Creation Date:	10/1/2011 18:30:54
Receipt Date:	20110428
Manifest ID:	008408563JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE
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:	0.017
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	D001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

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:	008408564JJK
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:	20110415
Creation Date:	10/1/2011 18:30:54
Receipt Date:	20110428
Manifest ID:	008408563JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE
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:	20110331
Creation Date:	10/1/2011 18:30:39
Receipt Date:	20110414

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Manifest ID: 008106891JJK  
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 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

Additional Info:

Year: 2014  
Gen EPA ID: CAR000118430

Shipment Date: 20140821  
Creation Date: 10/26/2014 22:15:13  
Receipt Date: 20140821  
Manifest ID: 007454748FLE  
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: 0.005  
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: 20140821  
Creation Date: 10/26/2014 22:15:13  
Receipt Date: 20140821  
Manifest ID: 007454748FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

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: 0.0075  
Waste Quantity: 15  
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: 20140821  
Creation Date: 10/26/2014 22:15:13  
Receipt Date: 20140821  
Manifest ID: 007454748FLE  
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: 0.0225  
Waste Quantity: 45  
Quantity Unit: P  
Additional Code 1: 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: 20140304  
Manifest ID: 006978234FLE  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

RCRA Code: D018  
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: D001  
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: 20140304  
Manifest ID: 006978234FLE  
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  
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: 20140304  
Manifest ID: 006978234FLE  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

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: 006967537FLE  
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: D001  
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: 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: CAR000118430

Shipment Date: 20060202  
Creation Date: 5/27/2006 18:30:56  
Receipt Date: 20060206  
Manifest ID: 25146115  
Trans EPA ID: CAD982444481  
Trans Name: FILTER RECYCLING SERVICES 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: CAD982444481  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Additional Info:

Year: 2008  
Gen EPA ID: CAR000118430

Shipment Date: 20081002  
Creation Date: 1/14/2009 18:30:08  
Receipt Date: 20081010  
Manifest ID: 004854429JJK  
Trans EPA ID: CAR000172460  
Trans Name: ENVIRONMENTAL LOGISTICS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICE  
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: 20080605  
Creation Date: 9/4/2008 18:30:07  
Receipt Date: 20080616  
Manifest ID: 003419207JJK  
Trans EPA ID: CAR000172460  
Trans Name: ENVIRONMENTAL LOGISTICS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICE  
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: 0.03  
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: 20080605  
Creation Date: 8/8/2008 18:30:23  
Receipt Date: 20080606

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Manifest ID: 003419206JJK  
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: H129 - Other Treatment  
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: 20080605  
Creation Date: 9/4/2008 18:30:07  
Receipt Date: 20080616  
Manifest ID: 003419207JJK  
Trans EPA ID: CAR000172460  
Trans Name: ENVIRONMENTAL LOGISTICS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICE  
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  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:  
Year: 2009  
Gen EPA ID: CAR000118430

Shipment Date: 20090831  
Creation Date: 12/8/2009 18:30:31  
Receipt Date: 20090911  
Manifest ID: 006063107JJK  
Trans EPA ID: CAR000172460  
Trans Name: ENVIRONMENTAL LOGISTICS INC  
Trans 2 EPA ID: MAD039322250

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SERVICES  
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  
  
Shipment Date: 20090831  
Creation Date: 10/29/2009 18:30:19  
Receipt Date: 20090901  
Manifest ID: 006063108JJK  
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: 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: 20090409  
Creation Date: 5/29/2009 18:30:11  
Receipt Date: 20090410  
Manifest ID: 005430545JJK  
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: 221 - Waste oil and mixed oil  
RCRA Code: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Meth Code:	H129 - Other Treatment
Quantity Tons:	0.0038
Waste Quantity:	1
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:	20090324
Creation Date:	6/5/2009 18:30:08
Receipt Date:	20090409
Manifest ID:	005488358JJK
Trans EPA ID:	CAR000172460
Trans Name:	ENVIRONMENTAL LOGISTICS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICE
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
Additional Info:	
Year:	2016
Gen EPA ID:	CAR000118430
Shipment Date:	20151102
Creation Date:	1/11/2016 22:16:40
Receipt Date:	20151104
Manifest ID:	008828704FLE
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:	0.0125
Waste Quantity:	25

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Quantity Unit:	P
Additional Code 1:	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:	008828704FLE
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:	0.035
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:	20150604
Creation Date:	8/18/2015 22:15:10
Receipt Date:	20150605
Manifest ID:	008318701FLE
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Shipment Date: 20150604  
Creation Date: 8/18/2015 22:15:10  
Receipt Date: 20150605  
Manifest ID: 008318701FLE  
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: 20150604  
Creation Date: 8/18/2015 22:15:10  
Receipt Date: 20150605  
Manifest ID: 008318701FLE  
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: 0.03  
Waste Quantity: 60  
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: 20150108  
Creation Date: 3/26/2015 22:15:06  
Receipt Date: 20150109  
Manifest ID: 008039427FLE  
Trans EPA ID: MAD039322250  
Trans Name: CLEAN HARBORS ENVIRONMENTAL SERVICES INC  
Trans 2 EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

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: 0.0075  
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: 20150108  
Creation Date: 3/26/2015 22:15:06  
Receipt Date: 20150109  
Manifest ID: 008039427FLE  
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: 0.0275  
Waste Quantity: 55  
Quantity Unit: P  
Additional 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: CAR000118430

Shipment Date: 20151102  
Creation Date: 1/11/2016 22:16:40  
Receipt Date: 20151104  
Manifest ID: 008828704FLE  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

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: 20151102  
Creation Date: 1/11/2016 22:16:40  
Receipt Date: 20151104  
Manifest ID: 008828704FLE  
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: 0.035  
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: 20150604  
Creation Date: 8/18/2015 22:15:10  
Receipt Date: 20150605  
Manifest ID: 008318701FLE  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

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: 20150604  
Creation Date: 8/18/2015 22:15:10  
Receipt Date: 20150605  
Manifest ID: 008318701FLE  
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: 20150604  
Creation Date: 8/18/2015 22:15:10  
Receipt Date: 20150605  
Manifest ID: 008318701FLE  
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: 0.03  
Waste Quantity: 60  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Shipment Date: 20150108  
Creation Date: 3/26/2015 22:15:06  
Receipt Date: 20150109  
Manifest ID: 008039427FLE  
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: 0.0275  
Waste Quantity: 55  
Quantity Unit: P  
Additional Code 1: 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: 008039427FLE  
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: 0.0075  
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

**HWTS:**

Name: CHEVRON 207496  
Address: 130 W FOOTHILL PKWY  
Address 2: Not reported  
City,State,Zip: CORONA, CA 92882  
EPA ID: CAR000118430  
Inactive Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION NO 207496 (Continued)**

**1006804926**

Create Date: 03/04/2003  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 6004  
Mailing Address 2: Not reported  
Mailing City,State,Zip: SAN RAMON, CA 948012106  
Owner Name: WALTRUST PROPERTIES INC  
Owner Address: PO BOX 6004  
Owner Address 2: Not reported  
Owner City,State,Zip: SAN RAMON, CA 945830000  
Contact Name: KWAME AWUKU  
Contact Address: 6001 BOLLINGER CANYON RD.  
Contact Address 2: Not reported  
City,State,Zip: SAN RAMON, CA 94583  
Facility Status: Active  
Facility Type: PERMANENT  
Category: FEDERAL  
Latitude: 33.84387  
Longitude: -117.57288

NAICS:

EPA ID: CAR000118430  
Create Date: 2011-08-17 14:36:26.000  
NAICS Code: 447110  
NAICS Description: Gasoline Stations with Convenience Stores  
Issued EPA ID Date: 2003-03-04 14:25:35.18700  
Inactive Date: Not reported  
Facility Name: CHEVRON 207496  
Facility Address: 130 W FOOTHILL PKWY  
Facility Address 2: Not reported  
Facility City: CORONA  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 928828539

EPA ID: CAR000118430  
Create Date: 2009-12-03 12:41:18.000  
NAICS Code: 44719  
NAICS Description: Other Gasoline Stations  
Issued EPA ID Date: 2003-03-04 14:25:35.18700  
Inactive Date: Not reported  
Facility Name: CHEVRON 207496  
Facility Address: 130 W FOOTHILL PKWY  
Facility Address 2: Not reported  
Facility City: CORONA  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 928828539

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**A3**  
**SW**  
**1/8-1/4**  
**0.156 mi.**  
**826 ft.**

**CHEVRON STATION# 207496/1913**  
**130 W FOOTHILL PKWY**  
**CORONA, CA 92882**  
**Site 2 of 6 in cluster A**

**CERS HAZ WASTE**  
**CERS TANKS**  
**HAZNET**  
**CERS**  
**HWTS**

**S113111601**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**1071 ft.**

**CERS HAZ WASTE:**  
Name: CHEVRON STATION# 207496/1913  
Address: 130 W FOOTHILL PKWY  
City,State,Zip: CORONA, CA 92882  
Site ID: 18456  
CERS ID: 10441780  
CERS Description: Hazardous Waste Generator

**CERS TANKS:**  
Name: CHEVRON STATION# 207496/1913  
Address: 130 W FOOTHILL PKWY  
City,State,Zip: CORONA, CA 92882  
Site ID: 18456  
CERS ID: 10441780  
CERS Description: Underground Storage Tank

**HAZNET:**  
Name: CHEVRON #207496  
Address: 130 W FOOTHILL PKWY  
Address 2: Not reported  
City,State,Zip: CORONA, CA 917200000  
Contact: KATHY NORRIS-COMPLIANCE MA  
Telephone: 9258425931  
Mailing Name: Not reported  
Mailing Address: PO BOX 6004  
  
Year: 2001  
Gepaid: CAL000221243  
TSD EPA ID: CAD008302903  
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent  
Disposal Method: R01 - Recycler  
Tons: 0.21

**Additional Info:**  
Year: 2001  
Gen EPA ID: CAL000221243  
  
Shipment Date: 20011112  
Creation Date: 1/16/2002 0:00:00  
Receipt Date: 20011114  
Manifest ID: 20136526  
Trans EPA ID: CAR000031211  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSD EPA ID: CAD008302903  
Trans Name: Not reported  
TSD Alt EPA ID: Not reported  
TSD Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION# 207496/1913 (Continued)**

**S113111601**

RCRA Code: D001  
Meth Code: R01 - Recycler  
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

**CERS:**

Name: CHEVRON STATION# 207496/1913  
Address: 130 W FOOTHILL PKWY  
City,State,Zip: CORONA, CA 92882  
Site ID: 18456  
CERS ID: 10441780  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 18456  
Site Name: Chevron Station# 207496/1913  
Violation Date: 12-29-2016  
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 02/15/2017.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS,

Site ID: 18456  
Site Name: Chevron Station# 207496/1913  
Violation Date: 12-29-2016  
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 02/15/2017.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS,

Site ID: 18456  
Site Name: Chevron Station# 207496/1913  
Violation Date: 12-14-2017  
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 functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.  
Violation Notes: Returned to compliance on 02/05/2018.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION# 207496/1913 (Continued)**

**S113111601**

Site ID: 18456  
Site Name: Chevron Station# 207496/1913  
Violation Date: 01-23-2014  
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)  
Violation Description: Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.  
Violation Notes: Returned to compliance on 03/27/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS,

Site ID: 18456  
Site Name: Chevron Station# 207496/1913  
Violation Date: 12-29-2016  
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 12/29/2016.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS,

Site ID: 18456  
Site Name: Chevron Station# 207496/1913  
Violation Date: 01-05-2016  
Citation: HSC 6.7 25299 - California Health and Safety Code, Chapter 6.7, Section(s) 25299  
Violation Description: Failure to comply with one or more of the operating permit conditions.  
Violation Notes: Returned to compliance on 01/12/2016.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS,

Site ID: 18456  
Site Name: Chevron Station# 207496/1913  
Violation Date: 01-05-2016  
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 01/12/2016.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS,

Site ID: 18456  
Site Name: Chevron Station# 207496/1913  
Violation Date: 12-09-2020  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION# 207496/1913 (Continued)**

**S113111601**

Violation Notes: alarm as required.  
Returned to compliance on 01/18/2021. The Veeder Root control panel failed to activate its audio alarm when sensors were tested.  
Owner/operator shall have the Veeder Root control panel repaired to ensure the audio alarm functions properly.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS,

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-05-2016  
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: 11-28-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reviewing submitted overfill prevention re-inspection results. Passed.  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-09-2020  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Riverside County Department of Env Health  
Eval Program: HW  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-15-2021  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: 87 and 91 are standard. Diesel is VPH.  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-29-2016  
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: 01-14-2015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION# 207496/1913 (Continued)**

**S113111601**

Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: UST Insp.  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-05-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: No hazardous waste on site during 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: 12-14-2017  
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: 12-15-2021  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: No violations observed at 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: 01-05-2016  
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: Other/Unknown  
Eval Date: 01-12-2016  
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: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-23-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION# 207496/1913 (Continued)**

**S113111601**

Eval Division: Riverside County Department of Env Health  
Eval Program: HW  
Eval Source: CERS,

Eval General Type: Other/Unknown  
Eval Date: 01-29-2014  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Operator did not show up for spill bucket retest.  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-31-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Other/Unknown  
Eval Date: 02-15-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Paperwork, phone calls, DARS and emails.  
Eval Division: Riverside County Department of Env Health  
Eval Program: HW  
Eval Source: CERS,

Eval General Type: Other/Unknown  
Eval Date: 03-27-2014  
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: 11-26-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reviewing submitted overfill inspection report. Lacking tank charts.  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-09-2020  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION# 207496/1913 (Continued)**

**S113111601**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-14-2017  
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: 01-14-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Haz. Waste Gen. Insp.  
Eval Division: Riverside County Department of Env Health  
Eval Program: HW  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-18-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: No violations observed.  
Eval Division: Corona Fire Department  
Eval Program: HMRRP  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-23-2014  
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: 11-23-2020  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: NO VIOLATIONS ON 11/23/2020  
Eval Division: Corona Fire Department  
Eval Program: HMRRP  
Eval Source: CERS,

Eval General Type: Other/Unknown  
Eval Date: 11-26-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: NOV issued for overfill prevention inspection.  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-05-2019  
Violations Found: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION# 207496/1913 (Continued)**

**S113111601**

Eval Type: Routine done by local agency  
Eval Notes: Diesel Tank is VPH.  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-29-2016  
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,

**Enforcement Action:**

Site ID: 18456  
Site Name: Chevron Station# 207496/1913  
Site Address: 130 W FOOTHILL PKWY  
Site City: CORONA  
Site Zip: 92882  
Enf Action Date: 01-05-2016  
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: Riverside County Department of Env Health  
Enf Action Program: UST  
Enf Action Source: CERS,

Site ID: 18456  
Site Name: Chevron Station# 207496/1913  
Site Address: 130 W FOOTHILL PKWY  
Site City: CORONA  
Site Zip: 92882  
Enf Action Date: 01-23-2014  
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: UST  
Enf Action Source: CERS,

**Coordinates:**

Site ID: 18456  
Facility Name: Chevron Station# 207496/1913  
Env Int Type Code: HWG  
Program ID: 10441780  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.,  
Latitude: 33.843930  
Longitude: -117.572890

**Affiliation:**

Affiliation Type Desc: Environmental Contact  
Entity Name: CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)  
Entity Title: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION# 207496/1913 (Continued)**

**S113111601**

Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 94583  
Affiliation Phone: ,

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: ,

Affiliation Type Desc: UST Property Owner Name  
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: 94583  
Affiliation Phone: (925) 842-9002,

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: P.O. BOX 6004, ATTN: PERMIT DESK  
Affiliation City: SAN RAMON  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 94583  
Affiliation Phone: ,

Affiliation Type Desc: UST Permit Applicant  
Entity Name: CHARLES BITTLE - 8/26/2015  
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: 94583  
Affiliation Phone: (925) 842-9002,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION# 207496/1913 (Continued)**

**S113111601**

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: Pedro R Carranza  
Entity Title: RETAILOE / HES SPECIALIST  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Operator  
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: (951) 898-3784,

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: ,

Affiliation Type Desc: Legal 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: 94583  
Affiliation Phone: (925) 842-9002,

Affiliation Type Desc: Property 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHEVRON STATION# 207496/1913 (Continued)**

**S113111601**

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 RAMON  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 94583  
Affiliation Phone: (925) 842-9002,

**HWTS:**

Name: CHEVRON #207496  
Address: 130 W FOOTHILL PKWY  
Address 2: Not reported  
City,State,Zip: CORONA, CA 91720  
EPA ID: CAL000221243  
Inactive Date: 06/30/2003  
Create Date: 07/19/2000  
Last Act Date: Not reported  
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 PRODUCTS COMPANY  
Owner Address: PO BOX 6004  
Owner Address 2: Not reported  
Owner City,State,Zip: SAN RAMON, CA 945830000  
Contact Name: KATHY NORRIS-COMPLIANCE MA  
Contact Address: PO BOX 6004  
Contact Address 2: Not reported  
City,State,Zip: SAN RAMON, CA 945830000  
Facility Status: Inactive  
Facility Type: PERMANENT  
Category: STATE  
Latitude: 34.133602  
Longitude: -117.908086

**A4**  
**SW**  
**1/8-1/4**  
**0.156 mi.**  
**826 ft.**

**CHEVRON STATION #207496**  
**130 W FOOTHILL PKWY**  
**CORONA, CA 92882**  
**Site 3 of 6 in cluster A**

**UST U003739271**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**1071 ft.**

RIVERSIDE CO. UST:  
Name: CHEVRON STATION #207496  
Address: 130 W FOOTHILL PKWY  
City,State,Zip: CORONA, CA 92882  
Region: RIVERSIDE  
Total Tanks: 3

**UST:**

Name: CHEVRON STATION# 207496/1913  
Address: 130 W FOOTHILL PKWY

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CHEVRON STATION #207496 (Continued)**

**U003739271**

City,State,Zip: CORONA, CA 92882  
 Facility ID: FA0022255  
 Permitting Agency: Riverside County Department of Environmental Health  
 CERSID: 10441780  
 Latitude: 33.84393  
 Longitude: -117.57289

**A5**  
**SW**  
 1/8-1/4  
 0.163 mi.  
 859 ft.

**ALBERTSONS 728**  
**260 W FOOTHILL PKWY**  
**CORONA, CA 92882**

**RCRA-VSQQ 1026057747**  
**CAR000304014**

**Site 4 of 6 in cluster A**

**Relative:**  
**Higher**  
**Actual:**  
**1067 ft.**

**RCRA-VSQQ:**  
 Date Form Received by Agency: 20211118  
 Handler Name: ALBERTSONS 728  
 Handler Address: 260 W FOOTHILL PKWY  
 Handler City,State,Zip: CORONA, CA 92882  
 EPA ID: CAR000304014  
 Contact Name: JILL WASHBURN  
 Contact Address: PO BOX 20, DEPT 9938819  
 Contact City,State,Zip: BOISE, ID 83726  
 Contact Telephone: 208-395-3949  
 Contact Fax: Not reported  
 Contact Email: JILL.WASHBURN@ALBERTSONS.COM  
 Contact Title: ENVIRONMENTAL COORDINATOR  
 EPA Region: 09  
 Land Type: Private  
 Federal Waste Generator Description: Conditionally Exempt 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: PO BOX 20, DEPT 9938819  
 Mailing City,State,Zip: BOISE, ID 83726  
 Owner Name: ALBERTSONS LLC  
 Owner Type: Private  
 Operator Name: ALBERTSONS 728  
 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: ---

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ALBERTSONS 728 (Continued)**

**1026057747**

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:	20211123
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: 2019

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ALBERTSONS 728 (Continued)**

**1026057747**

Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
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:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
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:	U279
Waste Description:	U279

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALBERTSONS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 20, DEPT 9938819
Owner/Operator City,State,Zip:	BOISE, ID 83726
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSONS 728 (Continued)**

**1026057747**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ALBERTSONS 728	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	260 W FOOTHILL PKWY
Owner/Operator City,State,Zip:	CORONA, CA 92882
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: ALBERTSONS 728	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	260 W FOOTHILL PKWY
Owner/Operator City,State,Zip:	CORONA, CA 92882
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: ALBERTSONS 728	
Legal Status:	Private
Date Became Current:	20000321
Date Ended Current:	Not reported
Owner/Operator Address:	260 W FOOTHILL PKWY
Owner/Operator City,State,Zip:	CORONA, CA 92882
Owner/Operator Telephone:	951-340-1425
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	S0728C90@ALBERTSONS.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name: ALBERTSONS LLC	
Legal Status:	Private
Date Became Current:	20000321
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 20, DEPT 9938819
Owner/Operator City,State,Zip:	BOISE, ID 83726
Owner/Operator Telephone:	208-395-4793
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ERICA.FRANSEN@ALBERTSONS.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name: ALBERTSONS LLC	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 20, DEPT 9938819
Owner/Operator City,State,Zip:	BOISE, ID 83726

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSONS 728 (Continued)**

**1026057747**

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: 20200213  
Handler Name: ALBERTSONS 728  
Federal Waste Generator Description: Conditionally Exempt 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: 20200129  
Handler Name: ALBERTSONS 728  
Federal Waste Generator Description: Conditionally Exempt 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: 20211118  
Handler Name: ALBERTSONS 728  
Federal Waste Generator Description: Conditionally Exempt 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: 445110  
NAICS Description: SUPERMARKETS AND OTHER GROCERY RETAILERS (EXCEPT CONVENIENCE RETAILERS)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**1016954968**

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:	20200212
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: 2013

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	P001
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Waste Code:	P075
Waste Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**1016954968**

Handler - Owner Operator:

Owner/Operator Indicator: Operator  
Owner/Operator Name: ALBERTSONS LLC  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: PO BOX 20, DEPT. 81014  
Owner/Operator City,State,Zip: BOISE, ID 83726  
Owner/Operator Telephone: 208-395-3949  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: 208-395-4508  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: ALBERTSONS LLC  
Legal Status: Private  
Date Became Current: 20130321  
Date Ended Current: Not reported  
Owner/Operator Address: PO BOX 20, DEPT 72405  
Owner/Operator City,State,Zip: BOISE, ID 83726  
Owner/Operator Telephone: 208-395-4793  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner  
Owner/Operator Name: ALBERTSONS, LLC  
Legal Status: Private  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: PO BOX 20 DEPT 81014  
Owner/Operator City,State,Zip: BOISE, ID 83726  
Owner/Operator Telephone: 208-395-4793  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: ALBERTSONS - SAVON 6728  
Legal Status: Private  
Date Became Current: 20000321  
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: 20140301  
Handler Name: ALBERTSONS 6728  
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**1016954968**

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: 20200124  
 Handler Name: ALBERTSON'S # 6728  
 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: 44511  
 NAICS Description: SUPERMARKETS AND OTHER GROCERY RETAILERS (EXCEPT CONVENIENCE RETAILERS)

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**A7**  
**SW**  
**1/8-1/4**  
**0.163 mi.**  
**859 ft.**

**ALBERTSON'S # 6728**  
**260 W FOOTHILL PKWY**  
**CORONA, CA 92882**

**CERS HAZ WASTE** **S107149400**  
**HAZNET** **N/A**  
**CERS**  
**HWTS**

**Site 6 of 6 in cluster A**

**Relative:**  
**Higher**  
**Actual:**  
**1067 ft.**

CERS HAZ WASTE:  
 Name: ALBERTSONS #728  
 Address: 260 W FOOTHILL PKWY  
 City,State,Zip: CORONA, CA 92882  
 Site ID: 384528  
 CERS ID: 10139187  
 CERS Description: Hazardous Waste Generator

HAZNET:

Name: ALBERTSON'S # 6728  
 Address: 260 W FOOTHILL PKWY  
 Address 2: Not reported  
 City,State,Zip: CORONA, CA 837063940  
 Contact: JILL WASHBURN  
 Telephone: 2083953949  
 Mailing Name: Not reported  
 Mailing Address: 250 E PARKCENTER BLVD DEPT 81014

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Year:	2019
Gepaid:	CAL000384631
TSD EPA ID:	NVT330010000
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:	0.04650
Year:	2019
Gepaid:	CAL000384631
TSD EPA ID:	NVT330010000
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons:	0.14100
Year:	2019
Gepaid:	CAL000384631
TSD EPA ID:	NVT330010000
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.00150
Year:	2019
Gepaid:	CAL000384631
TSD EPA ID:	NVT330010000
CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.04200
Year:	2019
Gepaid:	CAL000384631
TSD EPA ID:	NVT330010000
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.16350
Year:	2019
Gepaid:	CAL000384631
TSD EPA ID:	NVT330010000
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00350
Year:	2019
Gepaid:	CAL000384631
TSD EPA ID:	NVT330010000
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons:	0.00250
Year:	2019

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Gepaid: CAL000384631  
TSD EPA ID: NVT330010000  
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: 0.00800  
  
Year: 2019  
Gepaid: CAL000384631  
TSD EPA ID: NVT330010000  
CA Waste Code: 141 - Off-specification, aged or surplus inorganics  
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 0.00050  
  
Year: 2019  
Gepaid: CAL000384631  
TSD EPA ID: NVT330010000  
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5  
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Tons: 0.00550

[Click this hyperlink](#) while viewing on your computer to access 44 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 2017  
Gen EPA ID: CAL000384631  
  
Shipment Date: 20171211  
Creation Date: 8/7/2018 18:30:18  
Receipt Date: 20180105  
Manifest ID: 010835601FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: CAR000217000  
Trans 2 Name: LA CHIQUITA TRUCKING  
TSD EPA ID: CAD008364432  
Trans Name: RHO CHEM LLC  
TSD EPA ID: Not reported  
TSD EPA 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: 0.0005  
Waste Quantity: 1  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20171211

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Creation Date: 8/7/2018 18:30:18  
Receipt Date: 20180105  
Manifest ID: 010835601FLE  
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: D001  
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: 20171211  
Creation Date: 8/7/2018 18:30:18  
Receipt Date: 20180105  
Manifest ID: 010835601FLE  
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)

Quantity Tons: 0.002  
Waste Quantity: 4  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20171211  
Creation Date: 8/7/2018 18:30:18  
Receipt Date: 20180105  
Manifest ID: 010835601FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: CAR000217000  
Trans 2 Name: LA CHIQUITA TRUCKING

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

TSDF EPA ID: CAD008364432  
Trans Name: RHO CHEM LLC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 311 - Pharmaceutical waste  
RCRA Code: D010  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0005  
Waste Quantity: 1  
Quantity Unit: P  
Additional Code 1: D007  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20171211  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 010835601FLE  
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: 311 - Pharmaceutical waste  
RCRA Code: P001  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0005  
Waste Quantity: 1  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20171211  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 010835601FLE  
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: D002  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ALBERTSON'S # 6728 (Continued)

S107149400

Quantity Tons:	Treatment/Reovery (H010-H129) Or (H131-H135)
Waste Quantity:	0.0655
Quantity Unit:	131
Additional Code 1:	P
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171211
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010835601FLE
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:	- Not reported
Quantity Tons:	0.049
Waste Quantity:	98
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170912
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009376983FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
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:	0.0265
Waste Quantity:	53
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Additional Code 5:	Not reported
Shipment Date:	20170912
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009376983FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
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:	0.0175
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:	20170912
Creation Date:	7/19/2018 18:30:21
Receipt Date:	20170919
Manifest ID:	009376983FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
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)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional 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:	CAL000384631
Shipment Date:	20151029

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Creation Date: 1/7/2016 22:15:09  
Receipt Date: 20151105  
Manifest ID: 008563112FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: CAD983649880  
Trans 2 Name: PSC ENVIRONMENTAL SERVICES LP  
TSDf EPA ID: CAD008364432  
Trans Name: RHO CHEM LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 311 - Pharmaceutical waste  
RCRA Code: P001  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0005  
Waste Quantity: 1  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20151029  
Creation Date: 1/7/2016 22:15:09  
Receipt Date: 20151105  
Manifest ID: 008563112FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: CAD983649880  
Trans 2 Name: PSC ENVIRONMENTAL SERVICES 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: D001  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0115  
Waste Quantity: 23  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20151029  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 008563112FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: CAD983649880  
Trans 2 Name: PSC ENVIRONMENTAL SERVICES LP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

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:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.095
Waste Quantity:	190
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151029
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008563112FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
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:	Not reported
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:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151029
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008563112FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES 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

Map ID  
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 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151029
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008563112FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES 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:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151029
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008563112FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDf EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151029
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008563112FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDf EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	P001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151029
Creation Date:	1/7/2016 22:15:09
Receipt Date:	20151105
Manifest ID:	008563112FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES 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:	0.006
Waste Quantity:	12
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151029
Creation Date:	1/7/2016 22:15:09
Receipt Date:	20151105
Manifest ID:	008563112FLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: CAD983649880  
Trans 2 Name: PSC ENVIRONMENTAL SERVICES 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: D001  
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

Additional Info:

Year: 2015  
Gen EPA ID: CAL000384631

Shipment Date: 20151029  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 008563112FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: CAD983649880  
Trans 2 Name: PSC ENVIRONMENTAL SERVICES 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: 0.002  
Waste Quantity: 4  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20151029  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 008563112FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: CAD983649880

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Trans 2 Name:	PSC ENVIRONMENTAL SERVICES 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:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151029
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008563112FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
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:	Not reported
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:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151029
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	008563112FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
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:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.095  
Waste Quantity: 190  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20151029  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 008563112FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: CAD983649880  
Trans 2 Name: PSC ENVIRONMENTAL SERVICES LP  
TSDf EPA ID: CAD008364432  
Trans Name: RHO CHEM LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 311 - Pharmaceutical waste  
RCRA Code: P075  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.0005  
Waste Quantity: 1  
Quantity Unit: P  
Additional Code 1: P001  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20151029  
Creation Date: 1/7/2016 22:15:09  
Receipt Date: 20151105  
Manifest ID: 008563112FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: CAD983649880  
Trans 2 Name: PSC ENVIRONMENTAL SERVICES 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: 0.006  
Waste Quantity: 12  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151029
Creation Date:	1/7/2016 22:15:09
Receipt Date:	20151105
Manifest ID:	008563112FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES 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:	D001
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:	20151029
Creation Date:	1/7/2016 22:15:09
Receipt Date:	20151105
Manifest ID:	008563112FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES 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:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0115
Waste Quantity:	23
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151029
Creation Date:	Not reported
Receipt Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Manifest ID: 008563112FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: CAD983649880  
Trans 2 Name: PSC ENVIRONMENTAL SERVICES LP  
TSDf EPA ID: CAD008364432  
Trans Name: RHO CHEM LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 311 - Pharmaceutical waste  
RCRA Code: D010  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0005  
Waste Quantity: 1  
Quantity Unit: P  
Additional Code 1: D007  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20151029  
Creation Date: 1/7/2016 22:15:09  
Receipt Date: 20151105  
Manifest ID: 008563112FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: CAD983649880  
Trans 2 Name: PSC ENVIRONMENTAL SERVICES LP  
TSDf EPA ID: CAD008364432  
Trans Name: RHO CHEM LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 311 - Pharmaceutical waste  
RCRA Code: P001  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0005  
Waste Quantity: 1  
Quantity Unit: P  
Additional 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: CAL000384631

Shipment Date: 20141106  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 007309399FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

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:	311 - Pharmaceutical waste
RCRA Code:	D024
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007309399FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
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:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007309399FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
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)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ALBERTSON'S # 6728 (Continued)

S107149400

RCRA Code:	D002
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:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141106
Creation Date:	1/15/2015 22:14:55
Receipt Date:	20141111
Manifest ID:	007309399FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
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:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141106
Creation Date:	1/15/2015 22:14:55
Receipt Date:	20141111
Manifest ID:	007309399FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
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:	232 - Pesticides and other waste associated with pesticide production
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141106
Creation Date:	1/15/2015 22:14:55
Receipt Date:	20141111
Manifest ID:	007309399FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
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:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	P001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007309399FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
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:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141106
Creation Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Receipt Date:	Not reported
Manifest ID:	007309399FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
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:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0485
Waste Quantity:	97
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007309399FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
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:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141106
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007309399FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

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: 0.001  
Waste Quantity: 2  
Quantity Unit: P  
Additional 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: CAL000384631

Shipment Date: 20131216  
Creation Date: 5/20/2014 22:14:51  
Receipt Date: 20131223  
Manifest ID: 005435336FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT INC  
TSDf EPA ID: Not reported  
Trans Name: STERICYCLE INC  
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)  
Quantity Tons: 0.0085  
Waste Quantity: 17  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20131216  
Creation Date: 5/20/2014 22:14:51  
Receipt Date: 20131223  
Manifest ID: 005435336FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT INC  
TSDf EPA ID: Not reported  
Trans Name: STERICYCLE INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131216
Creation Date:	5/20/2014 22:14:51
Receipt Date:	20131223
Manifest ID:	005435336FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	Not reported
Trans Name:	STERICYCLE INC
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)
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
Shipment Date:	20131216
Creation Date:	5/20/2014 22:14:51
Receipt Date:	20131223
Manifest ID:	005435336FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	Not reported
Trans Name:	STERICYCLE INC
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:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

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

Shipment Date: 20130830  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 006204855FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT INC  
TSDf EPA ID: INR000110197  
Trans Name: STERICYCLE INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 561 - Not reported  
RCRA Code: Not reported  
Meth Code: - Not reported  
Quantity Tons: 0.0625  
Waste Quantity: 125  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20130830  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 006204855FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT INC  
TSDf EPA ID: INR000110197  
Trans Name: STERICYCLE INC  
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: 0.0015  
Waste Quantity: 3  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20130830  
Creation Date: 1/11/2014 22:15:06  
Receipt Date: 20130916  
Manifest ID: 006204855FLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
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:	P001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130830
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006204855FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D010
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130830
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006204855FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDf EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDf Alt EPA ID:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

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: 0.001  
Waste Quantity: 2  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20130830  
Creation Date: 1/11/2014 22:15:06  
Receipt Date: 20130916  
Manifest ID: 006204855FLE  
Trans EPA ID: MNS000110924  
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT INC  
TSDF EPA ID: INR000110197  
Trans Name: STERICYCLE INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 311 - Pharmaceutical waste  
RCRA Code: P001  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.0005  
Waste Quantity: 1  
Quantity Unit: P  
Additional 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: ALBERTSONS #728  
Address: 260 W FOOTHILL PKWY  
City,State,Zip: CORONA, CA 92882  
Site ID: 384528  
CERS ID: 10139187  
CERS Description: Chemical Storage Facilities

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-09-2016  
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,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-18-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: No violation observed.  
Eval Division: Corona Fire Department  
Eval Program: HMRRP  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 11-13-2020  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: No Violations  
Eval Division: Corona Fire Department  
Eval Program: HMRRP  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-26-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: No hazardous waste was on site during the time of inspection due to a pick-up made earlier in the day.  
Eval Division: Riverside County Department of Env Health  
Eval Program: HW  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-30-2020  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: No Violations on 10/30/2020  
Eval Division: Corona Fire Department  
Eval Program: HMRRP  
Eval Source: CERS,

**Coordinates:**

Site ID: 384528  
Facility Name: Albertsons #728  
Env Int Type Code: HMBP  
Program ID: 10139187  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.,  
Latitude: 33.843690  
Longitude: -117.574070

**Affiliation:**

Affiliation Type Desc: Legal Owner  
Entity Name: Albertsons, LLC  
Entity Title: Not reported  
Affiliation Address: PO Box 20, Dept. 9938819  
Affiliation City: Boise  
Affiliation State: ID  
Affiliation Country: United States  
Affiliation Zip: 83726

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Affiliation Phone: (208) 395-3949,

Affiliation Type Desc: Document Preparer

Entity Name: Jill Washburn

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: ,

Affiliation Type Desc: Environmental Contact

Entity Name: Jill Washburn

Entity Title: Not reported

Affiliation Address: PO Box 20, Dept. 9938819

Affiliation City: Boise

Affiliation State: ID

Affiliation Country: Not reported

Affiliation Zip: 83726

Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address

Entity Name: Mailing Address

Entity Title: Not reported

Affiliation Address: PO Box 20, Dept. 9938819

Affiliation City: Boise

Affiliation State: ID

Affiliation Country: Not reported

Affiliation Zip: 83726

Affiliation Phone: ,

Affiliation Type Desc: Operator

Entity Name: Albertsons #728

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) 340-1425,

Affiliation Type Desc: Parent Corporation

Entity Name: Albertsons

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: ,

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92503  
Affiliation Phone: (951) 358-5055,

Affiliation Type Desc: Identification Signer  
Entity Name: Jill Washburn  
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: ,

**HWTS:**

Name: ALBERTSON'S # 6728  
Address: 260 W FOOTHILL PKWY  
Address 2: Not reported  
City,State,Zip: CORONA, CA 92882  
EPA ID: CAL000384631  
Inactive Date: 01/24/2020  
Create Date: 04/16/2013  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: 250 E PARKCENTER BLVD DEPT 9938819  
Mailing Address 2: Not reported  
Mailing City,State,Zip: BOISE, ID 837063940  
Owner Name: ALBERTSONS, LLC  
Owner Address: 250 E PARKCENTER BLVD DEPT 9938819  
Owner Address 2: Not reported  
Owner City,State,Zip: BOISE, ID 837063940  
Contact Name: JILL WASHBURN  
Contact Address: PO BOX 20, DEPT. 9938819  
Contact Address 2: Not reported  
City,State,Zip: BOISE, ID 83726  
Facility Status: Inactive  
Facility Type: PERMANENT  
Category: STATE  
Latitude: 33.84368  
Longitude: -117.57406

**NAICS:**

EPA ID: CAL000384631  
Create Date: 2013-04-16 14:07:04.793  
NAICS Code: 45291  
NAICS Description: Warehouse Clubs and Superstores  
Issued EPA ID Date: 2013-04-16 14:07:04.79300  
Inactive Date: 2020-01-24 00:00:00  
Facility Name: ALBERTSON'S # 6728  
Facility Address: 260 W FOOTHILL PKWY  
Facility Address 2: Not reported  
Facility City: CORONA  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 92882

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALBERTSON'S # 6728 (Continued)**

**S107149400**

EPA ID: CAL000384631  
Create Date: 2020-02-06 09:30:35.280  
NAICS Code: 454390  
NAICS Description: Other Direct Selling Establishments  
Issued EPA ID Date: 2013-04-16 14:07:04.79300  
Inactive Date: 2020-01-24 00:00:00  
Facility Name: ALBERTSON'S # 6728  
Facility Address: 260 W FOOTHILL PKWY  
Facility Address 2: Not reported  
Facility City: CORONA  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 92882

**8**  
**North**  
**1/8-1/4**  
**0.226 mi.**  
**1192 ft.**

**LIFE CARE CENTERS OF AMERICA**  
**2600 S MAIN ST**  
**CORONA, CA 92882**

**UST U003739352**  
**N/A**

**Relative:**  
**Lower**

UST:  
Name: LIFE CARE CENTERS OF AMERICA  
Address: 2600 S MAIN ST  
City,State,Zip: CORONA, CA 92882  
Facility ID: 450  
Permitting Agency: RIVERSIDE COUNTY  
CERSID: Not reported  
Latitude: 33.85128  
Longitude: -117.570744

**Actual:**  
**986 ft.**

**9**  
**SW**  
**1/8-1/4**  
**0.235 mi.**  
**1239 ft.**

**RESTORATION SPECIALISTS LLC DBA BIO HELPERS**  
**160 W FOOTHILL PKWY S STE 105-96**  
**CORONA, CA 92882**

**RCRA NonGen / NLR 1024865732**  
**CAL000434310**

**Relative:**  
**Higher**

RCRA NonGen / NLR:  
Date Form Received by Agency: 20180316  
Handler Name: RESTORATION SPECIALISTS LLC DBA BIO HELPERS  
Handler Address: 160 W FOOTHILL PKWY S STE 105-96  
Handler City,State,Zip: CORONA, CA 92882  
EPA ID: CAL000434310  
Contact Name: CURRAN YERETZIAN  
Contact Address: P.O. BOX 11748  
Contact City,State,Zip: TEMPE, AZ 85284  
Contact Telephone: 800-484-0317  
Contact Fax: 800-424-0317  
Contact Email: CURRAN@BIOHELPERS.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

**Actual:**  
**1083 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RESTORATION SPECIALISTS LLC DBA BIO HELPERS (Continued)**

**1024865732**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	160 W FOOTHILL PKWY S STE 105-96
Mailing City,State,Zip:	CORONA, CA 92882
Owner Name:	RESTORATION SPECIALISTS HOLDINGS
Owner Type:	Other
Operator Name:	CURRAN YERETZIAN
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-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs 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:	20180907

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RESTORATION SPECIALISTS LLC DBA BIO HELPERS (Continued)**

**1024865732**

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:	CURRAN YERETZIAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 11748
Owner/Operator City,State,Zip:	TEMPE, AZ 85284
Owner/Operator Telephone:	800-484-0317
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RESTORATION SPECIALISTS HOLDINGS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P.O. BOX 11748
Owner/Operator City,State,Zip:	TEMPE, AZ 85284
Owner/Operator Telephone:	800-484-0317
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180316
Handler Name:	RESTORATION SPECIALISTS LLC DBA BIO HELPERS
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:	561790
NAICS Description:	OTHER SERVICES TO BUILDINGS AND DWELLINGS

Facility Has Received Notices of Violations:

Violations:	No Violations Found
-------------	---------------------

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**RESTORATION SPECIALISTS LLC DBA BIO HELPERS (Continued)**

**1024865732**

Evaluation Action Summary:

Evaluations: No Evaluations Found

**10**  
**North**  
**1/4-1/2**  
**0.303 mi.**  
**1599 ft.**

**NEW BUENA VISTA HIGH SCHOOL**  
**MAGNOLIA AVENUE/MAIN STREET**  
**CORONA, CA 92882**

**ENVIROSTOR S106153049**  
**SCH N/A**

**Relative:**  
**Lower**  
**Actual:**  
**972 ft.**

**ENVIROSTOR:**  
 Name: NEW BUENA VISTA HIGH SCHOOL  
 Address: MAGNOLIA AVENUE/MAIN STREET  
 City,State,Zip: CORONA, CA 92882  
 Facility ID: 33010080  
 Status: No Further Action  
 Status Date: 12/05/2003  
 Site Code: 404500  
 Site Type: School Investigation  
 Site Type Detailed: School  
 Acres: 11.26  
 NPL: NO  
 Regulatory Agencies: DTSC  
 Lead Agency: DTSC  
 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: 33.8533  
 Longitude: -117.5684  
 APN: NONE SPECIFIED  
 Past Use: AGRICULTURAL - ROW CROPS  
 Potential COC: TPH-diesel Arsenic Polychlorinated biphenyls (PCBs DDT  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: SOIL  
 Alias Name: CORONA NORCO USD-NEW BUENA VISTA HI SCL  
 Alias Type: Alternate Name  
 Alias Name: CORONA-NORCO UNIFIED SCHOOL DISTRICT  
 Alias Type: Alternate Name  
 Alias Name: NEW BUENA VISTA HIGH SCHOOL  
 Alias Type: Alternate Name  
 Alias Name: 404500  
 Alias Type: Project Code (Site Code)  
 Alias Name: 33010080  
 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: 10/07/2003  
 Comments: Background Phase I report; no response/approval needed.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEW BUENA VISTA HIGH SCHOOL (Continued)**

**S106153049**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 12/05/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 12/17/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 03/04/2004  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 06/07/2004  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 06/03/2004  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Workplan  
Completed Date: 02/24/2004  
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

SCH:

Name: NEW BUENA VISTA HIGH SCHOOL  
Address: MAGNOLIA AVENUE/MAIN STREET  
City,State,Zip: CORONA, CA 92882  
Facility ID: 33010080  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 11.26  
National Priorities List: NO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEW BUENA VISTA HIGH SCHOOL (Continued)**

**S106153049**

Cleanup Oversight Agencies: DTSC  
Lead Agency: DTSC  
Lead Agency Description: \* DTSC  
Project Manager: Not reported  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404500  
Assembly: 60  
Senate: 31  
Special Program Status: Not reported  
Status: No Further Action  
Status Date: 12/05/2003  
Restricted Use: NO  
Funding: School District  
Latitude: 33.8533  
Longitude: -117.5684  
APN: NONE SPECIFIED  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: TPH-diesel, TPH-diesel, Arsenic, Polychlorinated biphenyls (PCBs, DDT  
Not reported  
Confirmed COC: NONE SPECIFIED  
Potential Description: SOIL  
Alias Name: CORONA NORCO USD-NEW BUENA VISTA HI SCL  
Alias Type: Alternate Name  
Alias Name: CORONA-NORCO UNIFIED SCHOOL DISTRICT  
Alias Type: Alternate Name  
Alias Name: NEW BUENA VISTA HIGH SCHOOL  
Alias Type: Alternate Name  
Alias Name: 404500  
Alias Type: Project Code (Site Code)  
Alias Name: 33010080  
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: 10/07/2003  
Comments: Background Phase I report; no response/approval needed.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 12/05/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 12/17/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 03/04/2004  
Comments: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NEW BUENA VISTA HIGH SCHOOL (Continued)**

**S106153049**

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Cost Recovery Closeout Memo  
 Completed Date: 06/07/2004  
 Comments: Not reported

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Preliminary Endangerment Assessment Report  
 Completed Date: 06/03/2004  
 Comments: Not reported

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: \* Workplan  
 Completed Date: 02/24/2004  
 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

**B11**  
**WSW**  
**1/4-1/2**  
**0.309 mi.**  
**1633 ft.**

**FOOTHILL PROPERTY**  
**510 FOOTHILL PKWY**  
**CORONA, CA 92882**  
**Site 1 of 2 in cluster B**

**LUST** **1000409509**  
**SWEEPS UST** **N/A**  
**CA FID UST**  
**Cortese**  
**HIST CORTESE**  
**CERS**

**Relative:**  
**Higher**  
**Actual:**  
**1050 ft.**

LUST:  
 Name: FOOTHILL PROPERTY  
 Address: 510 FOOTHILL PKWY  
 City,State,Zip: CORONA, CA 92882  
 Lead Agency: RIVERSIDE COUNTY LOP  
 Case Type: LUST Cleanup Site  
 Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0606500450](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500450)  
 Global Id: T0606500450  
 Latitude: 33.8452102794726  
 Longitude: -117.576973411384  
 Status: Completed - Case Closed  
 Status Date: 02/29/1996  
 Case Worker: SCB  
 RB Case Number: 083302784T  
 Local Agency: RIVERSIDE COUNTY LOP  
 File Location: Local Agency Warehouse  
 Local Case Number: 95956  
 Potential Media Affect: Soil  
 Potential Contaminants of Concern: Gasoline  
 Site History: Not reported

LUST:  
 Global Id: T0606500450

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTHILL PROPERTY (Continued)**

**1000409509**

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

Global Id: T0606500450  
Contact Type: Regional Board Caseworker  
Contact Name: VALERIE JAHN-BULL  
Organization Name: SANTA ANA RWQCB (REGION 8)  
Address: 3737 MAIN STREET, SUITE 500  
City: RIVERSIDE  
Email: valerie.jahn-bull@waterboards.ca.gov  
Phone Number: 9517824903

**LUST:**

Global Id: T0606500450  
Action Type: ENFORCEMENT  
Date: 02/29/1996  
Action: Closure/No Further Action Letter - #RCDEH0229

Global Id: T0606500450  
Action Type: ENFORCEMENT  
Date: 02/28/1996  
Action: File review - #RCDEH Upload Site File 10/17/2014

Global Id: T0606500450  
Action Type: Other  
Date: 11/20/1995  
Action: Leak Reported

Global Id: T0606500450  
Action Type: Other  
Date: 11/13/1995  
Action: Leak Stopped

Global Id: T0606500450  
Action Type: Other  
Date: 11/13/1995  
Action: Leak Discovery

**LUST:**

Global Id: T0606500450  
Status: Open - Case Begin Date  
Status Date: 11/13/1995

Global Id: T0606500450  
Status: Open - Site Assessment  
Status Date: 11/20/1995

Global Id: T0606500450  
Status: Completed - Case Closed  
Status Date: 02/29/1996

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

FOOTHILL PROPERTY (Continued)

1000409509

LUST REG 8:  
Name: FOOTHILL PROPERTY  
Address: 510 FOOTHILL PKWY  
City: CORONA  
Region: 8  
County: Riverside  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083302784T  
Local Case Num: 95956  
Case Type: Soil only  
Substance: Gasoline  
Qty Leaked: Not reported  
Abate Method: Not reported  
Cross Street: Not reported  
Enf Type: CLOS  
Funding: Not reported  
How Discovered: Tank Closure  
How Stopped: Not reported  
Leak Cause: Not reported  
Leak Source: Piping  
Global ID: T0606500450  
How Stopped Date: 11/13/1995  
Enter Date: Not reported  
Date Confirmation of Leak Began: Not reported  
Date Preliminary Assessment Began: Not reported  
Discover Date: 11/13/1995  
Enforcement Date: Not reported  
Close Date: 2/29/1996  
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: Not reported  
GW Qualifies: Not reported  
Soil Qualifies: Not reported  
Operator: Not reported  
Facility Contact: Not reported  
Interim: Not reported  
Oversite Program: LUST  
Latitude: 33.8370055  
Longitude: -117.5738334  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Concentration: 1  
Max MTBE Soil: Not reported  
MTBE Fuel: 1  
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected  
MTBE Class: \*  
Staff: VJJ  
Staff Initials: UNK  
Lead Agency: Local Agency  
Local Agency: 33000L  
Hydr Basin #: UPPER SANTA ANA VALL  
Beneficial: Not reported  
Priority: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTHILL PROPERTY (Continued)**

**1000409509**

Cleanup Fund Id: Not reported  
Work Suspended: Not reported  
Summary: Not reported

**RIVERSIDE CO. LUST:**

Name: FOOTHILL PROPERTY  
Address: 510 FOOTHILL PRKWY  
City,State,Zip: CORONA, CA  
Region: RIVERSIDE  
Facility ID: 95956  
Employee: Malloy  
Site Closed: Yes  
Case Type: Soil only  
Facility Status: closed/action completed  
Casetype Decode: Soil only is impacted  
Fstatus Decode: Closed/Action completed

**SWEEPS UST:**

Name: FOOTHILL PROPERTIES-MAIN RANCH  
Address: 510 W CHASE DR  
City: CORONA  
Status: Active  
Comp Number: 32295  
Number: 1  
Board Of Equalization: Not reported  
Referral Date: 10-29-92  
Action Date: 10-29-92  
Created Date: 02-29-88  
Owner Tank Id: 000670  
SWRCB Tank Id: 33-000-032295-000001  
Tank Status: A  
Capacity: 10000  
Active Date: 10-29-92  
Tank Use: M.V. FUEL  
STG: P  
Content: LEADED  
Number Of Tanks: 1

**CA FID UST:**

Facility ID: 33001157  
Regulated By: UTNKA  
Regulated ID: 00032295  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 7147376321  
Mail To: Not reported  
Mailing Address: 510 W CHASE DR  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTHILL PROPERTY (Continued)**

**1000409509**

**CORTESE:**

Name: FOOTHILL PROPERTY  
Address: 510 FOOTHILL PKWY  
City,State,Zip: CORONA, CA 92882  
Region: CORTESE  
Envirostor Id: Not reported  
Global ID: T0606500450  
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

**HIST CORTESE:**

edr\_fname: FOOTHILL PROPERTY  
edr\_fadd1: 510 FOOTHILL  
City,State,Zip: CORONA, CA  
Region: CORTESE  
Facility County Code: 33  
Reg By: LTNKA  
Reg Id: 083302784T

**CERS:**

Name: FOOTHILL PROPERTY  
Address: 510 FOOTHILL PKWY  
City,State,Zip: CORONA, CA 92882  
Site ID: 225868  
CERS ID: T0606500450  
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,

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: VALERIE JAHN-BULL - SANTA ANA RWQCB (REGION 8)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FOOTHILL PROPERTY (Continued)**

**1000409509**

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: 9517824903,

**12**  
**West**  
**1/4-1/2**  
**0.333 mi.**  
**1756 ft.**

**ALLEVATO, RON**  
**2875 TAYLOR AVE**  
**CORONA, CA 91720**

**LUST** **S102423873**  
**Cortese** **N/A**  
**HIST CORTESE**  
**CERS**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**1030 ft.**

Name: ALLEVATO PROPERTY  
Address: 2875 TAYLOR AVE  
City,State,Zip: CORONA, CA 91720  
Lead Agency: RIVERSIDE COUNTY LOP  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0606500192](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500192)  
Global Id: T0606500192  
Latitude: 33.8470340161934  
Longitude: -117.576190457672  
Status: Completed - Case Closed  
Status Date: 06/11/1992  
Case Worker: SCB  
RB Case Number: 083301562T  
Local Agency: RIVERSIDE COUNTY LOP  
File Location: Local Agency Warehouse  
Local Case Number: 90523  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

**LUST:**

Global Id: T0606500192  
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](mailto:sbolting@rivco.org)  
Phone Number: 9519558980

**LUST:**

Global Id: T0606500192  
Action Type: ENFORCEMENT  
Date: 06/10/1992  
Action: File review - #RCDEH Upload Site File 6/10/2015

Global Id: T0606500192  
Action Type: Other  
Date: 06/07/1990  
Action: Leak Reported

Global Id: T0606500192

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLEVATO, RON (Continued)**

**S102423873**

Action Type: REMEDIATION  
Date: 03/21/1991  
Action: Excavation

Global Id: T0606500192  
Action Type: Other  
Date: 05/09/1990  
Action: Leak Stopped

Global Id: T0606500192  
Action Type: ENFORCEMENT  
Date: 06/11/1992  
Action: Closure/No Further Action Letter - #RCDEH0611

Global Id: T0606500192  
Action Type: Other  
Date: 05/09/1990  
Action: Leak Discovery

LUST:

Global Id: T0606500192  
Status: Open - Case Begin Date  
Status Date: 05/09/1990

Global Id: T0606500192  
Status: Open - Site Assessment  
Status Date: 06/07/1990

Global Id: T0606500192  
Status: Open - Site Assessment  
Status Date: 06/14/1990

Global Id: T0606500192  
Status: Open - Remediation  
Status Date: 03/21/1991

Global Id: T0606500192  
Status: Completed - Case Closed  
Status Date: 06/11/1992

LUST REG 8:

Name: ALLEVATO, RON  
Address: 2875 TAYLOR AVE  
City: CORONA  
Region: 8  
County: Riverside  
Regional Board: Santa Ana Region  
Facility Status: Case Closed  
Case Number: 083301562T  
Local Case Num: 90523  
Case Type: Soil only  
Substance: Diesel  
Qty Leaked: Not reported  
Abate Method: Not reported  
Cross Street: CHASE

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ALLEVATO, RON (Continued)**

**S102423873**

Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Tank
Global ID:	T0606500192
How Stopped Date:	5/9/1990
Enter Date:	6/7/1990
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	6/14/1990
Discover Date:	5/9/1990
Enforcement Date:	1/1/1965
Close Date:	6/11/1992
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:	6/7/1990
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.8497522
Longitude:	-117.5761377
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:	RS
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:	ALLEVATO PROPERTY
Address:	2875 TAYLOR AVE
City,State,Zip:	CORONA, CA
Region:	RIVERSIDE
Facility ID:	90523
Employee:	Thompson
Site Closed:	Yes
Case Type:	Soil only
Facility Status:	closed/action completed
Casetype Decode:	Soil only is impacted

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALLEVATO, RON (Continued)**

**S102423873**

Fstatus Decode: Closed/Action completed

**CORTESE:**

Name: ALLEVATO PROPERTY  
Address: 2875 TAYLOR AVE  
City,State,Zip: CORONA, CA 91720  
Region: CORTESE  
Envirostor Id: Not reported  
Global ID: T0606500192  
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

**HIST CORTESE:**

edr\_fname: ALLEVATO, RON  
edr\_fadd1: 2875 TAYLOR  
City,State,Zip: CORONA, CA 91720  
Region: CORTESE  
Facility County Code: 33  
Reg By: LTNKA  
Reg Id: 083301562T

**CERS:**

Name: ALLEVATO PROPERTY  
Address: 2875 TAYLOR AVE  
City,State,Zip: CORONA, CA 91720  
Site ID: 246627  
CERS ID: T0606500192  
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,

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**B13**  
**West**  
**1/4-1/2**  
**0.344 mi.**  
**1816 ft.**

**CORONA CHEMICAL COMPANY**  
**S. TAYLOR AVE. & W FOOTHILL PKY**  
**CORONA, CA 92882**

**ENVIROSTOR**    **S118757084**  
 N/A

**Site 2 of 2 in cluster B**

**Relative:**  
**Higher**  
**Actual:**  
**1046 ft.**

ENVIROSTOR:  
 Name: CORONA CHEMICAL COMPANY  
 Address: S. TAYLOR AVE. & W FOOTHILL PKY  
 City,State,Zip: CORONA, CA 92882  
 Facility ID: 60000225  
 Status: No Action Required  
 Status Date: 01/15/2008  
 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: 33.8633  
 Longitude: -117.5738  
 APN: NONE SPECIFIED  
 Past Use: MANUFACTURING - PESTICIDES  
 Potential COC: Perchlorate  
 Confirmed COC: Perchlorate  
 Potential Description: NMA  
 Alias Name: 60000225  
 Alias Type: Envirostor ID Number

Completed Info:  
 Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: \* Discovery  
 Completed Date: 04/25/2006  
 Comments: EPA approved the report.

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

14  
WSW  
1/2-1  
0.752 mi.  
3970 ft.

**EISENHOWER ELEMENTARY**  
**3355 MOUNTAIN GATE DRIVE**  
**CORONA, CA 92881**

**ENVIROSTOR S107736265**  
**SCH N/A**

**Relative:**  
**Higher**

ENVIROSTOR:

**Actual:**  
**1104 ft.**

Name: EISENHOWER ELEMENTARY  
Address: 3355 MOUNTAIN GATE DRIVE  
City,State,Zip: CORONA, CA 92881  
Facility ID: 33010023  
Status: No Further Action  
Status Date: 12/26/2001  
Site Code: 404151  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 10  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Kamili Siglowide  
Supervisor: Thomas Cota  
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: 33.84139  
Longitude: -117.5830  
APN: 114380017  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: Arsenic DDD DDE DDT  
Confirmed COC: NONE SPECIFIED  
Potential Description: SOIL  
Alias Name: CORONA-NORCO USD  
Alias Type: Alternate Name  
Alias Name: CORONA/NORCO USD-EISENHOWER ELEM SCHOOL  
Alias Type: Alternate Name  
Alias Name: EISENOWER ELEMENTARY SCHOOL SITE  
Alias Type: Alternate Name  
Alias Name: 114380017  
Alias Type: APN  
Alias Name: 404151  
Alias Type: Project Code (Site Code)  
Alias Name: 33010023  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 07/20/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 12/26/2001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EISENHOWER ELEMENTARY (Continued)**

**S107736265**

Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 12/12/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 09/18/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 12/26/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Public Participation  
Completed Date: 12/19/2001  
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

**SCH:**

Name: EISENHOWER ELEMENTARY  
Address: 3355 MOUNTAIN GATE DRIVE  
City,State,Zip: CORONA, CA 92881  
Facility ID: 33010023  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 10  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Kamili Siglowide  
Supervisor: Thomas Cota  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404151  
Assembly: 60  
Senate: 31  
Special Program Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EISENHOWER ELEMENTARY (Continued)**

**S107736265**

Status: No Further Action  
Status Date: 12/26/2001  
Restricted Use: NO  
Funding: School District  
Latitude: 33.84139  
Longitude: -117.5830  
APN: 114380017  
Past Use: AGRICULTURAL - ROW CROPS  
Potential COC: Arsenic, DDD, DDE, DDT  
Confirmed COC: NONE SPECIFIED  
Potential Description: SOIL  
Alias Name: CORONA-NORCO USD  
Alias Type: Alternate Name  
Alias Name: CORONA/NORCO USD-EISENHOWER ELEM SCHOOL  
Alias Type: Alternate Name  
Alias Name: EISENHOWER ELEMENTARY SCHOOL SITE  
Alias Type: Alternate Name  
Alias Name: 114380017  
Alias Type: APN  
Alias Name: 404151  
Alias Type: Project Code (Site Code)  
Alias Name: 33010023  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 07/20/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 12/26/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 12/12/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 09/18/2000  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 12/26/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Public Participation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EISENHOWER ELEMENTARY (Continued)**

**S107736265**

Completed Date: 12/19/2001  
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

15  
NNW  
1/2-1  
0.981 mi.  
5180 ft.

**VICENTIA ELEMENTARY SCHOOL**  
**2005 VICENTIA AVENUE**  
**CORONA, CA 92860**

**ENVIROSTOR S108974308**  
**SCH N/A**

**Relative:**  
**Lower**  
**Actual:**  
**849 ft.**

ENVIROSTOR:  
Name: VICENTIA ELEMENTARY SCHOOL  
Address: 2005 VICENTIA AVENUE  
City,State,Zip: CORONA, CA 92860  
Facility ID: 60000813  
Status: Certified  
Status Date: 08/27/2009  
Site Code: 404773  
Site Type: School Cleanup  
Site Type Detailed: School  
Acres: 4.1  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Rana Georges  
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: 33.8592  
Longitude: -117.576  
APN: NONE SPECIFIED  
Past Use: SCHOOL - ELEMENTARY, TRANSFORMER REPAIR  
Potential COC: Polychlorinated biphenyls (PCBs)  
Confirmed COC: Polychlorinated biphenyls (PCBs)  
Potential Description: SOIL  
Alias Name: 404773  
Alias Type: Project Code (Site Code)  
Alias Name: 60000813  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICENTIA ELEMENTARY SCHOOL (Continued)**

**S108974308**

Completed Date: 01/13/2009  
Comments: DTSC issued a further action determination after reviewing the final PEA Report. In addition, the letter included partial site approval per the District's request. An approved CDE 4.15 form was also granted. A supplemental site investigation was not required, the District will move forward with a removal action since the extent of the contamination was defined during the PEA investigation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/15/2008  
Comments: DTSC conditionally approved the PEA TM

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 04/15/2009  
Comments: DTSC approved the community profile. Copy will be provided in an appendix of the final RAW.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 06/09/2009  
Comments: DTSC approved the final RAW for implementation following end of public comment period and response to public comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 02/21/2008  
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: 06/08/2009  
Comments: DTSC finalized CEQA Notice of Exemption

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 08/27/2009  
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: School Cleanup Agreement  
Completed Date: 01/12/2009  
Comments: Signed agreement sent (FedEx) to District.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 08/27/2009  
Comments: DTSC certified that response action according to the DTSC-approved

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICENTIA ELEMENTARY SCHOOL (Continued)**

**S108974308**

RAW is complete.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 04/15/2009  
Comments: DTSC approved the Fact Sheet for distribution.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 04/15/2009  
Comments: DTSC approved the Public Notice for publication. Public comment period will commence on April 22 and end on May 21, 2009. Removal Action Workplan will be posted along with the draft NOE for public review.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 07/09/2009  
Comments: Excavation activities were completed and confirmation sample results showed no PCB detections. DTSC gave the District the go ahead to backfill the excavation area in an email.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 08/20/2009  
Comments: DTSC approved the RACR 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: VICENTIA ELEMENTARY SCHOOL  
Address: 2005 VICENTIA AVENUE  
City,State,Zip: CORONA, CA 92860  
Facility ID: 60000813  
Site Type: School Cleanup  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 4.1  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Rana Georges  
Supervisor: Shahir Haddad

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICENTIA ELEMENTARY SCHOOL (Continued)**

**S108974308**

Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404773  
Assembly: 60  
Senate: 31  
Special Program Status: Not reported  
Status: Certified  
Status Date: 08/27/2009  
Restricted Use: NO  
Funding: School District  
Latitude: 33.8592  
Longitude: -117.576  
APN: NONE SPECIFIED  
Past Use: SCHOOL - ELEMENTARY, TRANSFORMER REPAIR  
Potential COC: Polychlorinated biphenyls (PCBs)  
Confirmed COC: Polychlorinated biphenyls (PCBs)  
Potential Description: SOIL  
Alias Name: 404773  
Alias Type: Project Code (Site Code)  
Alias Name: 60000813  
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: 01/13/2009  
Comments: DTSC issued a further action determination after reviewing the final PEA Report. In addition, the letter included partial site approval per the District's request. An approved CDE 4.15 form was also granted. A supplemental site investigation was not required, the District will move forward with a removal action since the extent of the contamination was defined during the PEA investigation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 05/15/2008  
Comments: DTSC conditionally approved the PEA TM

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 04/15/2009  
Comments: DTSC approved the community profile. Copy will be provided in an appendix of the final RAW.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 06/09/2009  
Comments: DTSC approved the final RAW for implementation following end of public comment period and response to public comments.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Environmental Oversight Agreement  
Completed Date: 02/21/2008  
Comments: Signed agreement sent (FedEx) to District.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICENTIA ELEMENTARY SCHOOL (Continued)**

**S108974308**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 06/08/2009  
Comments: DTSC finalized CEQA Notice of Exemption

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 08/27/2009  
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: School Cleanup Agreement  
Completed Date: 01/12/2009  
Comments: Signed agreement sent (FedEx) to District.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Certification  
Completed Date: 08/27/2009  
Comments: DTSC certified that response action according to the DTSC-approved RAW is complete.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 04/15/2009  
Comments: DTSC approved the Fact Sheet for distribution.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 04/15/2009  
Comments: DTSC approved the Public Notice for publication. Public comment period will commence on April 22 and end on May 21, 2009. Removal Action Workplan will be posted along with the draft NOE for public review.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 07/09/2009  
Comments: Excavation activities were completed and confirmation sample results showed no PCB detections. DTSC gave the District the go ahead to backfill the excavation area in an email.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 08/20/2009  
Comments: DTSC approved the RACR with a No Further Action determination.

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICENTIA ELEMENTARY SCHOOL (Continued)**

**S108974308**

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

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CORONA	S106797642	WU PROPERTY, FIELDSTONE COMMUNITIES	SE CONER OF MONTOYA DR. AND TA	92882	ENVIROSTOR
CORONA	S108543029	LYON/COPLEY CORONA ASSO. L.P.	N/A MAIN STREET-LOT 102		CPS-SLIC

# 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

### *Lists of Federal NPL (Superfund) sites*

#### 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: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: N/A
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 09/01/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/10/2022
	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: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: N/A
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 09/01/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/10/2022
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

## ***Lists of Federal Delisted NPL sites***

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: 07/26/2022  
Date Data Arrived at EDR: 08/02/2022  
Date Made Active in Reports: 08/22/2022  
Number of Days to Update: 20

Source: EPA  
Telephone: N/A  
Last EDR Contact: 09/01/2022  
Next Scheduled EDR Contact: 10/10/2022  
Data Release Frequency: Quarterly

## ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

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: 05/25/2021  
Date Data Arrived at EDR: 06/24/2021  
Date Made Active in Reports: 09/20/2021  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 09/06/2022  
Next Scheduled EDR Contact: 10/10/2022  
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 known 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: 07/26/2022  
Date Data Arrived at EDR: 08/02/2022  
Date Made Active in Reports: 08/22/2022  
Number of Days to Update: 20

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 09/01/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Quarterly

## ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: 800-424-9346
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 09/01/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/24/2022
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/20/2022	Source: EPA
Date Data Arrived at EDR: 06/21/2022	Telephone: 800-424-9346
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA TSD facilities***

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: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA generators***

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: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/03/2022
	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: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/03/2022
	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: 05/16/2022	Source: Department of the Navy
Date Data Arrived at EDR: 05/19/2022	Telephone: 843-820-7326
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/03/2022
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/21/2022
	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: 05/16/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/24/2022	Telephone: 703-603-0695
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/17/2022
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/05/2022
	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: 05/16/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/24/2022	Telephone: 703-603-0695
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/17/2022
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 06/14/2022

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 06/15/2022

Telephone: 202-267-2180

Date Made Active in Reports: 06/21/2022

Last EDR Contact: 06/15/2022

Number of Days to Update: 6

Next Scheduled EDR Contact: 10/03/2022

Data Release Frequency: Quarterly

## ***Lists of state- and tribal (Superfund) equivalent sites***

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: 04/25/2022

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 04/26/2022

Telephone: 916-323-3400

Date Made Active in Reports: 07/15/2022

Last EDR Contact: 07/25/2022

Number of Days to Update: 80

Next Scheduled EDR Contact: 11/07/2022

Data Release Frequency: Quarterly

## ***Lists of state- and tribal hazardous waste facilities***

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies 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: 04/25/2022

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 04/26/2022

Telephone: 916-323-3400

Date Made Active in Reports: 07/15/2022

Last EDR Contact: 07/25/2022

Number of Days to Update: 80

Next Scheduled EDR Contact: 11/07/2022

Data Release Frequency: Quarterly

## ***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/09/2022

Source: Department of Resources Recycling and Recovery

Date Data Arrived at EDR: 05/09/2022

Telephone: 916-341-6320

Date Made Active in Reports: 07/29/2022

Last EDR Contact: 08/08/2022

Number of Days to Update: 81

Next Scheduled EDR Contact: 11/21/2022

Data Release Frequency: Quarterly

## ***Lists of state and tribal leaking storage tanks***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 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: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 05/24/2022  
Number of Days to Update: 1

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 08/31/2022  
Next Scheduled EDR Contact: 12/19/2022  
Data Release Frequency: Quarterly

## 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 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 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 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

## 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 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 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 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

## 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: 04/08/2022  
Date Data Arrived at EDR: 06/13/2022  
Date Made Active in Reports: 08/16/2022  
Number of Days to Update: 64

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 04/20/2022  
Date Data Arrived at EDR: 06/13/2022  
Date Made Active in Reports: 08/16/2022  
Number of Days to Update: 64

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 04/11/2022	Source: EPA, Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-7439
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	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: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-8677
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/31/2022
	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: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6271
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	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: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 06/13/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 10/31/2022
	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: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-6597
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	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: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	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: 05/23/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/23/2022	Telephone: 866-480-1028
Date Made Active in Reports: 05/24/2022	Last EDR Contact: 08/31/2022
Number of Days to Update: 1	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

## ***Lists of state and tribal registered storage tanks***

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 02/01/2022  
Number of Days to Update: 88

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 06/29/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Varies

### UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/06/2022  
Date Data Arrived at EDR: 06/07/2022  
Date Made Active in Reports: 08/24/2022  
Number of Days to Update: 78

Source: SWRCB  
Telephone: 916-341-5851  
Last EDR Contact: 08/31/2022  
Next Scheduled EDR Contact: 12/19/2022  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 06/01/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/09/2022	Telephone: 916-327-7844
Date Made Active in Reports: 08/26/2022	Last EDR Contact: 08/31/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Varies

## MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 05/23/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/23/2022	Telephone: 866-480-1028
Date Made Active in Reports: 06/02/2022	Last EDR Contact: 08/31/2022
Number of Days to Update: 10	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Varies

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 09/07/2022
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/26/2022
	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: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	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: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-9424
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/31/2022
	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: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-7591
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	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: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6137
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	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: 04/08/2022	Source: EPA Region 9
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3368
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	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: 04/11/2022	Source: EPA Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-6136
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	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: 04/07/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 06/13/2022	Telephone: 617-918-1313
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

### ***Lists of state and tribal voluntary cleanup sites***

#### 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: 04/25/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/26/2022	Telephone: 916-323-3400
Date Made Active in Reports: 07/15/2022	Last EDR Contact: 07/25/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/07/2022
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/13/2022
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Varies

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### ***Lists of state and tribal brownfield sites***

#### BROWNFIELDS: Considered Brownfields 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: 06/21/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/21/2022	Telephone: 916-323-7905
Date Made Active in Reports: 09/08/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/03/2022
	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: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/10/2022	Telephone: 202-566-2777
Date Made Active in Reports: 03/10/2022	Last EDR Contact: 09/09/2022
Number of Days to Update: 0	Next Scheduled EDR Contact: 12/26/2022
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/19/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/06/2022  
Date Data Arrived at EDR: 06/07/2022  
Date Made Active in Reports: 08/23/2022  
Number of Days to Update: 77

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 08/31/2022  
Next Scheduled EDR Contact: 12/19/2022  
Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 08/12/2022  
Date Data Arrived at EDR: 08/16/2022  
Date Made Active in Reports: 08/26/2022  
Number of Days to Update: 10

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 08/16/2022  
Next Scheduled EDR Contact: 11/21/2022  
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: 07/21/2022  
Next Scheduled EDR Contact: 11/07/2022  
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: 07/12/2022  
Next Scheduled EDR Contact: 10/31/2022  
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 Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 07/21/2022  
Next Scheduled EDR Contact: 11/07/2022  
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: 04/30/2022  
Date Data Arrived at EDR: 05/24/2022  
Date Made Active in Reports: 07/29/2022  
Number of Days to Update: 66

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/18/2022  
Next Scheduled EDR Contact: 12/05/2022  
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: 04/25/2022  
Date Data Arrived at EDR: 04/26/2022  
Date Made Active in Reports: 07/15/2022  
Number of Days to Update: 80

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 07/25/2022  
Next Scheduled EDR Contact: 11/07/2022  
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: 12/31/2019  
Date Data Arrived at EDR: 01/20/2021  
Date Made Active in Reports: 04/08/2021  
Number of Days to Update: 78

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 08/23/2022  
Next Scheduled EDR Contact: 10/17/2022  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/18/2022  
Date Data Arrived at EDR: 04/19/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 84

Source: CalEPA  
Telephone: 916-323-2514  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 04/30/2022  
Date Data Arrived at EDR: 05/24/2022  
Date Made Active in Reports: 07/29/2022  
Number of Days to Update: 66

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/18/2022  
Next Scheduled EDR Contact: 12/05/2022  
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: 06/06/2022  
Date Data Arrived at EDR: 06/07/2022  
Date Made Active in Reports: 08/24/2022  
Number of Days to Update: 78

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 08/31/2022  
Next Scheduled EDR Contact: 12/19/2022  
Data Release Frequency: Varies

## AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 02/20/2020  
Date Data Arrived at EDR: 12/10/2021  
Date Made Active in Reports: 02/25/2022  
Number of Days to Update: 77

Source: State Water Resources Control Board  
Telephone: 916-341-5455  
Last EDR Contact: 09/06/2022  
Next Scheduled EDR Contact: 12/19/2022  
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

### 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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 05/05/2022  
Date Data Arrived at EDR: 05/06/2022  
Date Made Active in Reports: 07/21/2022  
Number of Days to Update: 76

Source: San Francisco County Department of Public Health  
Telephone: 415-252-3896  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
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: 04/18/2022  
Date Data Arrived at EDR: 04/19/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 84

Source: California Environmental Protection Agency  
Telephone: 916-323-2514  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 05/25/2022  
Date Data Arrived at EDR: 05/26/2022  
Date Made Active in Reports: 08/11/2022  
Number of Days to Update: 77

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 08/23/2022  
Next Scheduled EDR Contact: 12/12/2022  
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: 07/26/2022  
Date Data Arrived at EDR: 08/02/2022  
Date Made Active in Reports: 08/22/2022  
Number of Days to Update: 20

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 09/01/2022  
Next Scheduled EDR Contact: 10/10/2022  
Data Release Frequency: Semi-Annually

### DEED: Deed Restriction Listing

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/31/2022	Source: DTSC and SWRCB
Date Data Arrived at EDR: 05/31/2022	Telephone: 916-323-3400
Date Made Active in Reports: 08/18/2022	Last EDR Contact: 08/25/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/12/2022
	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: 03/21/2022	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/21/2022	Telephone: 202-366-4555
Date Made Active in Reports: 06/14/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 10/03/2022
	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: 04/03/2022	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/19/2022	Telephone: 916-845-8400
Date Made Active in Reports: 07/12/2022	Last EDR Contact: 07/18/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/31/2022
	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: 05/23/2022	Source: State Water Quality Control Board
Date Data Arrived at EDR: 05/23/2022	Telephone: 866-480-1028
Date Made Active in Reports: 05/24/2022	Last EDR Contact: 08/31/2022
Number of Days to Update: 1	Next Scheduled EDR Contact: 12/19/2022
	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: 05/23/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/23/2022	Telephone: 866-480-1028
Date Made Active in Reports: 05/24/2022	Last EDR Contact: 08/31/2022
Number of Days to Update: 1	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	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: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/03/2022
	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: 05/11/2022	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 05/17/2022	Telephone: 202-528-4285
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/11/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/28/2022
	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: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 07/13/2022
Number of Days to Update: 239	Next Scheduled EDR Contact: 10/24/2022
	Data Release Frequency: Varies

### 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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 07/08/2022
Number of Days to Update: 574	Next Scheduled EDR Contact: 10/17/2022
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/03/2022  
Next Scheduled EDR Contact: 11/21/2022  
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: 06/20/2022  
Date Data Arrived at EDR: 06/21/2022  
Date Made Active in Reports: 08/31/2022  
Number of Days to Update: 71

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 06/21/2022  
Next Scheduled EDR Contact: 10/03/2022  
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: 07/29/2022  
Next Scheduled EDR Contact: 11/14/2022  
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: 08/04/2022  
Next Scheduled EDR Contact: 11/14/2022  
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: 09/12/2022  
Next Scheduled EDR Contact: 12/26/2022  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/11/2022  
Next Scheduled EDR Contact: 11/28/2022  
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: 07/18/2022  
Date Data Arrived at EDR: 07/18/2022  
Date Made Active in Reports: 07/29/2022  
Number of Days to Update: 11

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 07/26/2022  
Date Data Arrived at EDR: 08/02/2022  
Date Made Active in Reports: 08/22/2022  
Number of Days to Update: 20

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 09/01/2022  
Next Scheduled EDR Contact: 12/12/2022  
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: 04/27/2022  
Date Data Arrived at EDR: 05/04/2022  
Date Made Active in Reports: 05/10/2022  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 07/14/2022  
Next Scheduled EDR Contact: 10/31/2022  
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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: 202-564-6023
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 09/01/2022
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2022
	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: 01/20/2022	Source: EPA
Date Data Arrived at EDR: 01/20/2022	Telephone: 202-566-0500
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 07/08/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/17/2022
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/28/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/17/2022
	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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	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: 06/10/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 06/14/2022	Telephone: 301-415-7169
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 07/13/2022
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/31/2022
	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: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 08/25/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 12/12/2022
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 08/25/2022
Number of Days to Update: 251	Next Scheduled EDR Contact: 12/12/2022
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 08/04/2022
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/14/2022
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 06/23/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/10/2022
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Transportation, 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 Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 07/21/2022  
Next Scheduled EDR Contact: 11/07/2022  
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: 03/31/2022  
Date Data Arrived at EDR: 04/14/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 06/29/2022  
Next Scheduled EDR Contact: 10/17/2022  
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: 12/31/2019  
Date Data Arrived at EDR: 03/02/2022  
Date Made Active in Reports: 03/25/2022  
Number of Days to Update: 23

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 06/21/2022  
Next Scheduled EDR Contact: 10/03/2022  
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: 07/08/2022  
Next Scheduled EDR Contact: 10/17/2022  
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: 07/26/2021  
Date Data Arrived at EDR: 07/27/2021  
Date Made Active in Reports: 10/22/2021  
Number of Days to Update: 87

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/24/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/26/2022  
Date Data Arrived at EDR: 08/02/2022  
Date Made Active in Reports: 08/22/2022  
Number of Days to Update: 20

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 09/01/2022  
Next Scheduled EDR Contact: 10/10/2022  
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 1931 and 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

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/21/2022  
Date Data Arrived at EDR: 03/22/2022  
Date Made Active in Reports: 03/25/2022  
Number of Days to Update: 3

Source: DOL, Mine Safety & Health Admini  
Telephone: 202-693-9424  
Last EDR Contact: 08/02/2022  
Next Scheduled EDR Contact: 12/12/2022  
Data Release Frequency: Quarterly

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/03/2022  
Date Data Arrived at EDR: 08/17/2022  
Date Made Active in Reports: 08/31/2022  
Number of Days to Update: 14

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 08/17/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Semi-Annually

## 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: 08/17/2022  
Next Scheduled EDR Contact: 12/05/2022  
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: 08/17/2022  
Next Scheduled EDR Contact: 12/05/2022  
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: 06/14/2022  
Date Data Arrived at EDR: 06/15/2022  
Date Made Active in Reports: 08/22/2022  
Number of Days to Update: 68

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 09/13/2022  
Next Scheduled EDR Contact: 12/19/2022  
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: 05/13/2022  
Date Data Arrived at EDR: 05/18/2022  
Date Made Active in Reports: 05/31/2022  
Number of Days to Update: 13

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 08/25/2022  
Next Scheduled EDR Contact: 12/12/2022  
Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 01/11/2022  
Date Made Active in Reports: 02/14/2022  
Number of Days to Update: 34

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 07/07/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/02/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/05/2022	Telephone: 202-564-2280
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 07/01/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/17/2022
	Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 08/22/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/05/2022
	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: 05/16/2022	Source: EPA
Date Data Arrived at EDR: 05/17/2022	Telephone: 800-385-6164
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/11/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/28/2022
	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	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	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: 06/21/2022	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 06/21/2022	Telephone: 916-323-3400
Date Made Active in Reports: 09/08/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/03/2022
	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: 12/07/2021	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/09/2022	Telephone: 925-454-2361
Date Made Active in Reports: 05/17/2022	Last EDR Contact: 08/11/2022
Number of Days to Update: 8	Next Scheduled EDR Contact: 11/21/2022
	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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/20/2022  
Date Data Arrived at EDR: 05/20/2022  
Date Made Active in Reports: 08/09/2022  
Number of Days to Update: 81

Source: South Coast Air Quality Management District  
Telephone: 909-396-3211  
Last EDR Contact: 08/16/2022  
Next Scheduled EDR Contact: 12/05/2022  
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: 08/27/2021  
Date Data Arrived at EDR: 09/01/2021  
Date Made Active in Reports: 11/19/2021  
Number of Days to Update: 79

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 09/07/2022  
Next Scheduled EDR Contact: 12/12/2022  
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: 05/25/2022  
Date Data Arrived at EDR: 05/26/2022  
Date Made Active in Reports: 08/11/2022  
Number of Days to Update: 77

Source: Antelope Valley Air Quality Management District  
Telephone: 661-723-8070  
Last EDR Contact: 08/23/2022  
Next Scheduled EDR Contact: 12/12/2022  
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: 12/31/2020  
Date Data Arrived at EDR: 06/13/2022  
Date Made Active in Reports: 08/30/2022  
Number of Days to Update: 78

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 09/26/2022  
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: 04/12/2022  
Date Data Arrived at EDR: 04/19/2022  
Date Made Active in Reports: 05/31/2022  
Number of Days to Update: 42

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/19/2022  
Date Data Arrived at EDR: 04/29/2022  
Date Made Active in Reports: 07/15/2022  
Number of Days to Update: 77

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 07/21/2022  
Next Scheduled EDR Contact: 10/31/2022  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/09/2022  
Date Data Arrived at EDR: 08/10/2022  
Date Made Active in Reports: 08/30/2022  
Number of Days to Update: 20

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 08/02/2022  
Next Scheduled EDR Contact: 11/21/2022  
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: 07/05/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Annually

## ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/16/2022  
Date Data Arrived at EDR: 05/17/2022  
Date Made Active in Reports: 08/03/2022  
Number of Days to Update: 78

Source: Department of Toxic Substances Control  
Telephone: 877-786-9427  
Last EDR Contact: 08/11/2022  
Next Scheduled EDR Contact: 11/28/2022  
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: 05/16/2022  
Date Data Arrived at EDR: 05/17/2022  
Date Made Active in Reports: 08/03/2022  
Number of Days to Update: 78

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 08/11/2022  
Next Scheduled EDR Contact: 11/28/2022  
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: 04/05/2022  
Date Data Arrived at EDR: 04/05/2022  
Date Made Active in Reports: 06/27/2022  
Number of Days to Update: 83

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 07/05/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/06/2022	Source: Department of Conservation
Date Data Arrived at EDR: 06/07/2022	Telephone: 916-322-1080
Date Made Active in Reports: 08/23/2022	Last EDR Contact: 08/31/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 12/19/2022
	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: 05/06/2022	Source: Department of Public Health
Date Data Arrived at EDR: 05/31/2022	Telephone: 916-558-1784
Date Made Active in Reports: 08/18/2022	Last EDR Contact: 08/25/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/09/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/09/2022	Telephone: 916-445-9379
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/08/2022
Number of Days to Update: 81	Next Scheduled EDR Contact: 11/21/2022
	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: 05/31/2022	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 05/31/2022	Telephone: 916-445-4038
Date Made Active in Reports: 08/18/2022	Last EDR Contact: 08/25/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/06/2022	Source: Department of Conservation
Date Data Arrived at EDR: 06/07/2022	Telephone: 916-323-3836
Date Made Active in Reports: 08/23/2022	Last EDR Contact: 08/31/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 12/19/2022
	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: 06/10/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/10/2022	Telephone: 916-445-3846
Date Made Active in Reports: 08/26/2022	Last EDR Contact: 09/07/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 12/26/2022
	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: 06/06/2022	Source: Department of Conservation
Date Data Arrived at EDR: 06/07/2022	Telephone: 916-445-2408
Date Made Active in Reports: 08/23/2022	Last EDR Contact: 08/31/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Varies

## UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 05/23/2022	Source: State Water Resource Control Board
Date Data Arrived at EDR: 05/23/2022	Telephone: 866-480-1028
Date Made Active in Reports: 06/02/2022	Last EDR Contact: 08/31/2022
Number of Days to Update: 10	Next Scheduled EDR Contact: 12/19/2022
	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: 02/11/2021	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/01/2021	Telephone: 559-445-5577
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 07/08/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/17/2022
	Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 08/09/2022
Number of Days to Update: 9	Next Scheduled EDR Contact: 11/28/2022
	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	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 09/13/2022
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: No Update Planned

## MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 05/23/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/23/2022	Telephone: 866-480-1028
Date Made Active in Reports: 06/02/2022	Last EDR Contact: 08/31/2022
Number of Days to Update: 10	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Varies

## PROJECT: Project Sites (GEOTRACKER)

Projects sites

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 10

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 08/31/2022  
Next Scheduled EDR Contact: 12/19/2022  
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: 06/06/2022  
Date Data Arrived at EDR: 06/07/2022  
Date Made Active in Reports: 08/24/2022  
Number of Days to Update: 78

Source: State Water Resources Control Board  
Telephone: 916-341-5810  
Last EDR Contact: 08/31/2022  
Next Scheduled EDR Contact: 12/19/2022  
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: 08/16/2022  
Date Data Arrived at EDR: 08/17/2022  
Date Made Active in Reports: 08/18/2022  
Number of Days to Update: 1

Source: State Water Resources Control Board  
Telephone: 866-794-4977  
Last EDR Contact: 08/17/2022  
Next Scheduled EDR Contact: 12/12/2022  
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: 04/18/2022  
Date Data Arrived at EDR: 04/19/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 84

Source: California Environmental Protection Agency  
Telephone: 916-323-2514  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 10

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 08/31/2022  
Next Scheduled EDR Contact: 12/19/2022  
Data Release Frequency: Varies

## OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 10

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 08/31/2022  
Next Scheduled EDR Contact: 12/19/2022  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 10

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 08/31/2022  
Next Scheduled EDR Contact: 12/19/2022  
Data Release Frequency: Varies

## SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 10

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 08/31/2022  
Next Scheduled EDR Contact: 12/19/2022  
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: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 10

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 08/31/2022  
Next Scheduled EDR Contact: 12/19/2022  
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: 04/05/2022  
Date Data Arrived at EDR: 04/05/2022  
Date Made Active in Reports: 04/26/2022  
Number of Days to Update: 21

Source: Department of Toxic Substances Control  
Telephone: 916-324-2444  
Last EDR Contact: 07/06/2022  
Next Scheduled EDR Contact: 10/17/2022  
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: 06/28/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Varies

## 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: 06/28/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: EPA
Date Data Arrived at EDR: 01/06/2015	Telephone: 202-564-2496
Date Made Active in Reports: 05/06/2015	Last EDR Contact: 06/28/2022
Number of Days to Update: 120	Next Scheduled EDR Contact: 10/17/2022
	Data Release Frequency: Semi-Annually

## MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018	Source: USGS
Date Data Arrived at EDR: 10/21/2019	Telephone: 703-648-6533
Date Made Active in Reports: 10/24/2019	Last EDR Contact: 08/17/2022
Number of Days to Update: 3	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

## **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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/28/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Semi-Annually

#### UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 06/29/2022  
Date Data Arrived at EDR: 06/29/2022  
Date Made Active in Reports: 07/21/2022  
Number of Days to Update: 22

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 06/29/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 07/22/2022  
Date Data Arrived at EDR: 07/27/2022  
Date Made Active in Reports: 08/01/2022  
Number of Days to Update: 5

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
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: 06/28/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: No Update Planned

### CALVERAS COUNTY:

#### CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 06/14/2022  
Date Data Arrived at EDR: 06/15/2022  
Date Made Active in Reports: 09/02/2022  
Number of Days to Update: 79

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 09/13/2022  
Next Scheduled EDR Contact: 01/02/2023  
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: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
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: 04/21/2022  
Date Data Arrived at EDR: 04/22/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 81

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 07/19/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Semi-Annually

### DEL NORTE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 05/04/2022  
Date Data Arrived at EDR: 05/06/2022  
Date Made Active in Reports: 07/28/2022  
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 07/19/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 08/08/2022  
Date Data Arrived at EDR: 08/09/2022  
Date Made Active in Reports: 09/01/2022  
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 07/20/2022  
Next Scheduled EDR Contact: 11/07/2022  
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: 06/28/2021  
Date Data Arrived at EDR: 12/21/2021  
Date Made Active in Reports: 03/03/2022  
Number of Days to Update: 72

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 07/01/2022  
Next Scheduled EDR Contact: 10/10/2022  
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: 07/12/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: No Update Planned

## HUMBOLDT COUNTY:

### CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 08/12/2021  
Date Data Arrived at EDR: 08/12/2021  
Date Made Active in Reports: 11/08/2021  
Number of Days to Update: 88

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Semi-Annually

## IMPERIAL COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 04/18/2022  
Date Data Arrived at EDR: 04/19/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 84

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 07/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
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: 05/06/2022  
Date Data Arrived at EDR: 05/12/2022  
Date Made Active in Reports: 08/01/2022  
Number of Days to Update: 81

Source: Kern County Public Health  
Telephone: 661-321-3000  
Last EDR Contact: 09/07/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Varies

### UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2022  
Date Data Arrived at EDR: 05/12/2022  
Date Made Active in Reports: 08/01/2022  
Number of Days to Update: 81

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 09/07/2022  
Next Scheduled EDR Contact: 11/14/2022  
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: 12/03/2020  
Date Data Arrived at EDR: 01/26/2021  
Date Made Active in Reports: 04/14/2021  
Number of Days to Update: 78

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Varies

## LAKE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 02/10/2022  
Date Data Arrived at EDR: 02/11/2022  
Date Made Active in Reports: 05/04/2022  
Number of Days to Update: 82

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 07/07/2022  
Next Scheduled EDR Contact: 10/24/2022  
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: 07/12/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 09/07/2022  
Next Scheduled EDR Contact: 12/26/2022  
Data Release Frequency: No Update Planned

### HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/04/2022  
Date Data Arrived at EDR: 04/05/2022  
Date Made Active in Reports: 04/13/2022  
Number of Days to Update: 8

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 06/29/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Semi-Annually

### LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/11/2022  
Date Data Arrived at EDR: 04/12/2022  
Date Made Active in Reports: 07/05/2022  
Number of Days to Update: 84

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 07/11/2022  
Next Scheduled EDR Contact: 10/24/2022  
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: 01/01/2022  
Date Data Arrived at EDR: 01/21/2022  
Date Made Active in Reports: 04/11/2022  
Number of Days to Update: 80

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 07/06/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 06/14/2022
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/03/2022
	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: 01/10/2022	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 01/12/2022	Telephone: 626-458-6973
Date Made Active in Reports: 04/04/2022	Last EDR Contact: 07/06/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/24/2022
	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: 01/13/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 03/21/2022	Telephone: 213-978-3800
Date Made Active in Reports: 06/15/2022	Last EDR Contact: 06/24/2022
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/03/2022
	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: 03/22/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/24/2022	Telephone: 213-978-3800
Date Made Active in Reports: 09/08/2022	Last EDR Contact: 06/24/2022
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/03/2022
	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: 05/26/2021	Source: Community Health Services
Date Data Arrived at EDR: 07/09/2021	Telephone: 323-890-7806
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 07/14/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/24/2022
	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	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 07/06/2022
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/24/2022
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/12/2022
Number of Days to Update: 65	Next Scheduled EDR Contact: 10/31/2022
	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: 04/20/2022	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 04/21/2022	Telephone: 310-618-2973
Date Made Active in Reports: 07/12/2022	Last EDR Contact: 07/13/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/31/2022
	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	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 08/09/2022
Number of Days to Update: 72	Next Scheduled EDR Contact: 11/28/2022
	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	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 06/22/2022
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/10/2022
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database  
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021	Source: Department of Public Health
Date Data Arrived at EDR: 11/18/2021	Telephone: 707-463-4466
Date Made Active in Reports: 11/22/2021	Last EDR Contact: 08/16/2022
Number of Days to Update: 4	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Annually

MERCED COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 02/15/2022  
Date Data Arrived at EDR: 02/17/2022  
Date Made Active in Reports: 05/11/2022  
Number of Days to Update: 83

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Varies

## MONO COUNTY:

### CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 02/22/2021  
Date Data Arrived at EDR: 03/02/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 78

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 08/15/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA MONTEREY: CUPA Facility Listing CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021  
Date Data Arrived at EDR: 10/06/2021  
Date Made Active in Reports: 12/29/2021  
Number of Days to Update: 84

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 08/16/2022  
Next Scheduled EDR Contact: 10/10/2022  
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: 08/15/2022  
Next Scheduled EDR Contact: 12/05/2022  
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: 08/15/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA NEVADA: CUPA Facility List CUPA facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/21/2022  
Date Data Arrived at EDR: 07/25/2022  
Date Made Active in Reports: 07/28/2022  
Number of Days to Update: 3

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 07/19/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Varies

## ORANGE COUNTY:

IND\_SITE ORANGE: List of Industrial Site Cleanups  
Petroleum and non-petroleum spills.

Date of Government Version: 04/08/2022  
Date Data Arrived at EDR: 05/09/2022  
Date Made Active in Reports: 07/28/2022  
Number of Days to Update: 80

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 07/29/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups  
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/08/2022  
Date Data Arrived at EDR: 05/18/2022  
Date Made Active in Reports: 08/03/2022  
Number of Days to Update: 77

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 07/29/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities  
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/08/2022  
Date Data Arrived at EDR: 05/03/2022  
Date Made Active in Reports: 07/20/2022  
Number of Days to Update: 78

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/01/2022  
Next Scheduled EDR Contact: 11/14/2022  
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: 05/25/2022  
Date Data Arrived at EDR: 05/26/2022  
Date Made Active in Reports: 06/01/2022  
Number of Days to Update: 6

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 08/23/2022  
Next Scheduled EDR Contact: 12/12/2022  
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: 07/12/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## RIVERSIDE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 03/31/2022  
Date Data Arrived at EDR: 03/31/2022  
Date Made Active in Reports: 04/08/2022  
Number of Days to Update: 8

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 09/07/2022  
Next Scheduled EDR Contact: 12/26/2022  
Data Release Frequency: Quarterly

## UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 03/31/2022  
Date Data Arrived at EDR: 03/31/2022  
Date Made Active in Reports: 04/08/2022  
Number of Days to Update: 8

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 09/07/2022  
Next Scheduled EDR Contact: 12/26/2022  
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: 06/18/2021  
Date Data Arrived at EDR: 09/28/2021  
Date Made Active in Reports: 12/14/2021  
Number of Days to Update: 77

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 06/30/2022  
Next Scheduled EDR Contact: 10/10/2022  
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: 05/04/2022  
Date Data Arrived at EDR: 06/30/2022  
Date Made Active in Reports: 07/05/2022  
Number of Days to Update: 5

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 06/30/2022  
Next Scheduled EDR Contact: 10/10/2022  
Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 04/29/2022  
Date Data Arrived at EDR: 04/29/2022  
Date Made Active in Reports: 05/05/2022  
Number of Days to Update: 6

Source: San Benito County Environmental Health  
Telephone: N/A  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/12/2022  
Date Data Arrived at EDR: 05/12/2022  
Date Made Active in Reports: 05/18/2022  
Number of Days to Update: 6

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
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: 05/31/2022  
Date Data Arrived at EDR: 05/31/2022  
Date Made Active in Reports: 08/18/2022  
Number of Days to Update: 79

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 08/25/2022  
Next Scheduled EDR Contact: 12/12/2022  
Data Release Frequency: Quarterly

### LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021  
Date Data Arrived at EDR: 03/04/2022  
Date Made Active in Reports: 05/31/2022  
Number of Days to Update: 88

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 07/12/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 07/22/2021  
Date Data Arrived at EDR: 10/19/2021  
Date Made Active in Reports: 01/13/2022  
Number of Days to Update: 86

Source: Department of Environmental Health  
Telephone: 858-505-6874  
Last EDR Contact: 07/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 08/23/2022  
Next Scheduled EDR Contact: 12/12/2022  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### CUPA SAN FRANCISCO CO: CUPA Facility Listing Cupa facilities

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/05/2022  
Date Data Arrived at EDR: 05/06/2022  
Date Made Active in Reports: 07/28/2022  
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health  
Telephone: 415-252-3896  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Varies

## LUST SAN FRANCISCO: Local Oversight 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: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
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: 05/05/2022  
Date Data Arrived at EDR: 05/06/2022  
Date Made Active in Reports: 07/20/2022  
Number of Days to Update: 75

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Quarterly

## SAN FRANCISCO COUNTY:

### SAN FRANCISCO MAHER: Maher Ordinance Property Listing

a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 01/18/2022  
Date Data Arrived at EDR: 01/20/2022  
Date Made Active in Reports: 04/27/2022  
Number of Days to Update: 97

Source: San Francisco Planning  
Telephone: 628-652-7483  
Last EDR Contact: 07/05/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## 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: 09/07/2022  
Next Scheduled EDR Contact: 12/26/2022  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 05/16/2022  
Date Data Arrived at EDR: 05/18/2022  
Date Made Active in Reports: 08/04/2022  
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Varies

## SAN MATEO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/09/2022

Next Scheduled EDR Contact: 12/19/2022

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: 08/29/2022

Next Scheduled EDR Contact: 12/19/2022

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: 08/09/2022

Next Scheduled EDR Contact: 11/28/2022

Data Release Frequency: No Update Planned

## SANTA CLARA COUNTY:

### CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 05/16/2022

Date Data Arrived at EDR: 05/18/2022

Date Made Active in Reports: 08/04/2022

Number of Days to Update: 78

Source: Department of Environmental Health

Telephone: 408-918-1973

Last EDR Contact: 08/09/2022

Next Scheduled EDR Contact: 11/28/2022

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: 08/15/2022

Next Scheduled EDR Contact: 12/05/2022

Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
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: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
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: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
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: 08/23/2022  
Next Scheduled EDR Contact: 12/12/2022  
Data Release Frequency: Quarterly

### UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021  
Date Data Arrived at EDR: 09/16/2021  
Date Made Active in Reports: 12/09/2021  
Number of Days to Update: 84

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 08/23/2022  
Next Scheduled EDR Contact: 12/12/2022  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### CUPA SONOMA: Cupa Facility List Cupa Facility list

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/02/2021  
Date Data Arrived at EDR: 07/06/2021  
Date Made Active in Reports: 07/14/2021  
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 09/13/2022  
Next Scheduled EDR Contact: 01/02/2023  
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: 06/30/2021  
Date Data Arrived at EDR: 06/30/2021  
Date Made Active in Reports: 09/24/2021  
Number of Days to Update: 86

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 09/13/2022  
Next Scheduled EDR Contact: 01/02/2023  
Data Release Frequency: Quarterly

## STANISLAUS COUNTY:

### CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 02/08/2022  
Date Data Arrived at EDR: 02/10/2022  
Date Made Active in Reports: 05/04/2022  
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection  
Telephone: 209-525-6751  
Last EDR Contact: 07/11/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Varies

## SUTTER COUNTY:

### UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 05/03/2022  
Date Data Arrived at EDR: 05/27/2022  
Date Made Active in Reports: 08/11/2022  
Number of Days to Update: 76

Source: Sutter County Environmental Health Services  
Telephone: 530-822-7500  
Last EDR Contact: 08/23/2022  
Next Scheduled EDR Contact: 12/12/2022  
Data Release Frequency: Semi-Annually

## TEHAMA COUNTY:

### CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 01/13/2021  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 04/06/2021  
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health  
Telephone: 530-527-8020  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 04/18/2022  
Date Data Arrived at EDR: 04/19/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 84

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 07/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## TULARE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 04/26/2021  
Date Data Arrived at EDR: 04/28/2021  
Date Made Active in Reports: 07/13/2021  
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 07/12/2022  
Next Scheduled EDR Contact: 11/14/2022  
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: 07/12/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 03/28/2022  
Date Data Arrived at EDR: 04/28/2022  
Date Made Active in Reports: 07/15/2022  
Number of Days to Update: 78

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 06/22/2022  
Next Scheduled EDR Contact: 10/10/2022  
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: 08/02/2022  
Next Scheduled EDR Contact: 11/21/2022  
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: 03/28/2022  
Date Data Arrived at EDR: 04/28/2022  
Date Made Active in Reports: 07/15/2022  
Number of Days to Update: 78

Source: Ventura County Resource Management Agency  
Telephone: 805-654-2813  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/26/2022	Source: Environmental Health Division
Date Data Arrived at EDR: 06/07/2022	Telephone: 805-654-2813
Date Made Active in Reports: 08/24/2022	Last EDR Contact: 08/31/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 12/19/2022
	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: 03/24/2022	Source: Yolo County Department of Health
Date Data Arrived at EDR: 03/31/2022	Telephone: 530-666-8646
Date Made Active in Reports: 06/27/2022	Last EDR Contact: 06/22/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 10/10/2022
	Data Release Frequency: Annually

## YUBA COUNTY:

### CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2022	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 05/05/2022	Telephone: 530-749-7523
Date Made Active in Reports: 07/28/2022	Last EDR Contact: 08/02/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/07/2022
	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: 05/08/2022	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/09/2022	Telephone: 860-424-3375
Date Made Active in Reports: 07/28/2022	Last EDR Contact: 08/08/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: No Update Planned

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2019	Telephone: N/A
Date Made Active in Reports: 05/16/2019	Last EDR Contact: 06/28/2022
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/17/2022
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 10/29/2021  
Date Made Active in Reports: 01/19/2022  
Number of Days to Update: 82

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 07/29/2022  
Next Scheduled EDR Contact: 11/07/2022  
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: 07/06/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 11/30/2021  
Date Made Active in Reports: 02/18/2022  
Number of Days to Update: 80

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 08/10/2022  
Next Scheduled EDR Contact: 11/28/2022  
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: 08/29/2022  
Next Scheduled EDR Contact: 12/19/2022  
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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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

**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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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

P1E-22-09-07  
2895 S MAIN ST  
CORONA, CA 92879

### TARGET PROPERTY COORDINATES

Latitude (North):	33.846356 - 33° 50' 46.88"
Longitude (West):	117.569935 - 117° 34' 11.77"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	447271.7
UTM Y (Meters):	3745072.5
Elevation:	1038 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	12015885 CORONA SOUTH, CA
Version Date:	2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

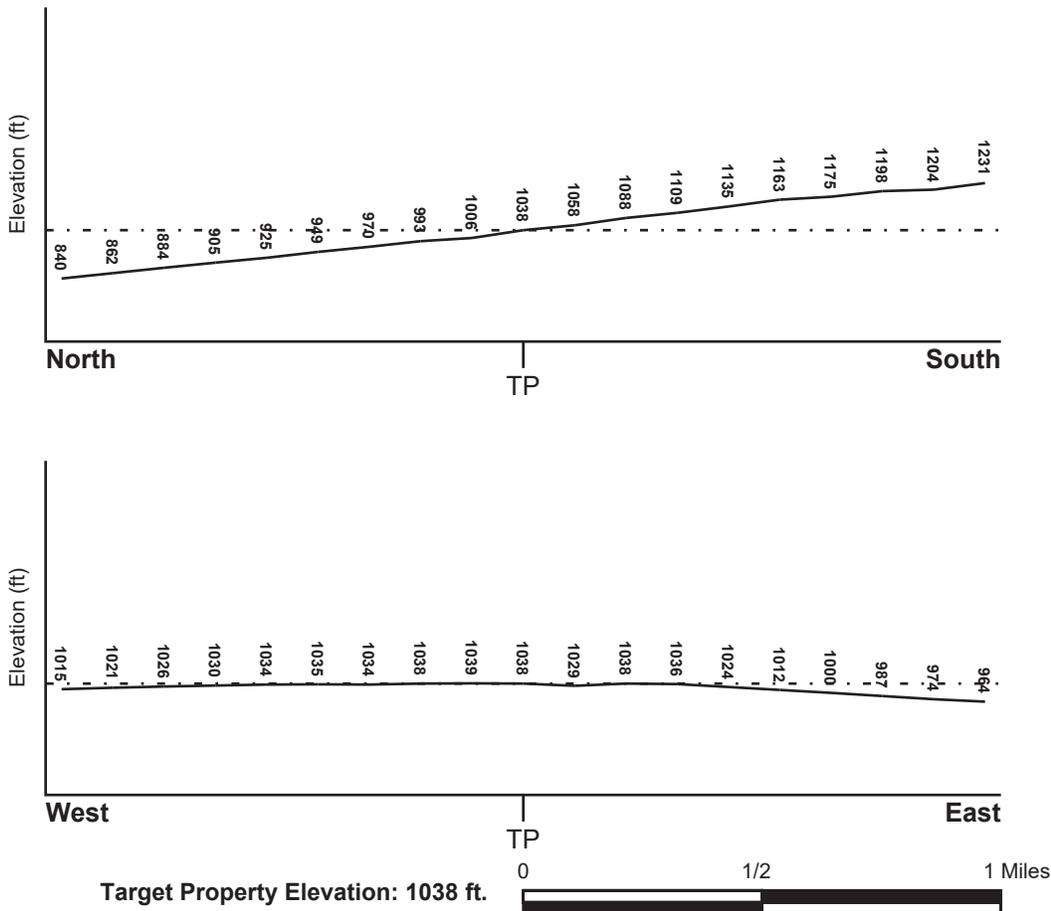
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' 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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06065C1352G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06065C1356G	FEMA FIRM Flood data
06065C1360G	FEMA FIRM Flood data
06065C1354G	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

## **HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### ***Site-Specific Hydrogeological Data\*:***

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

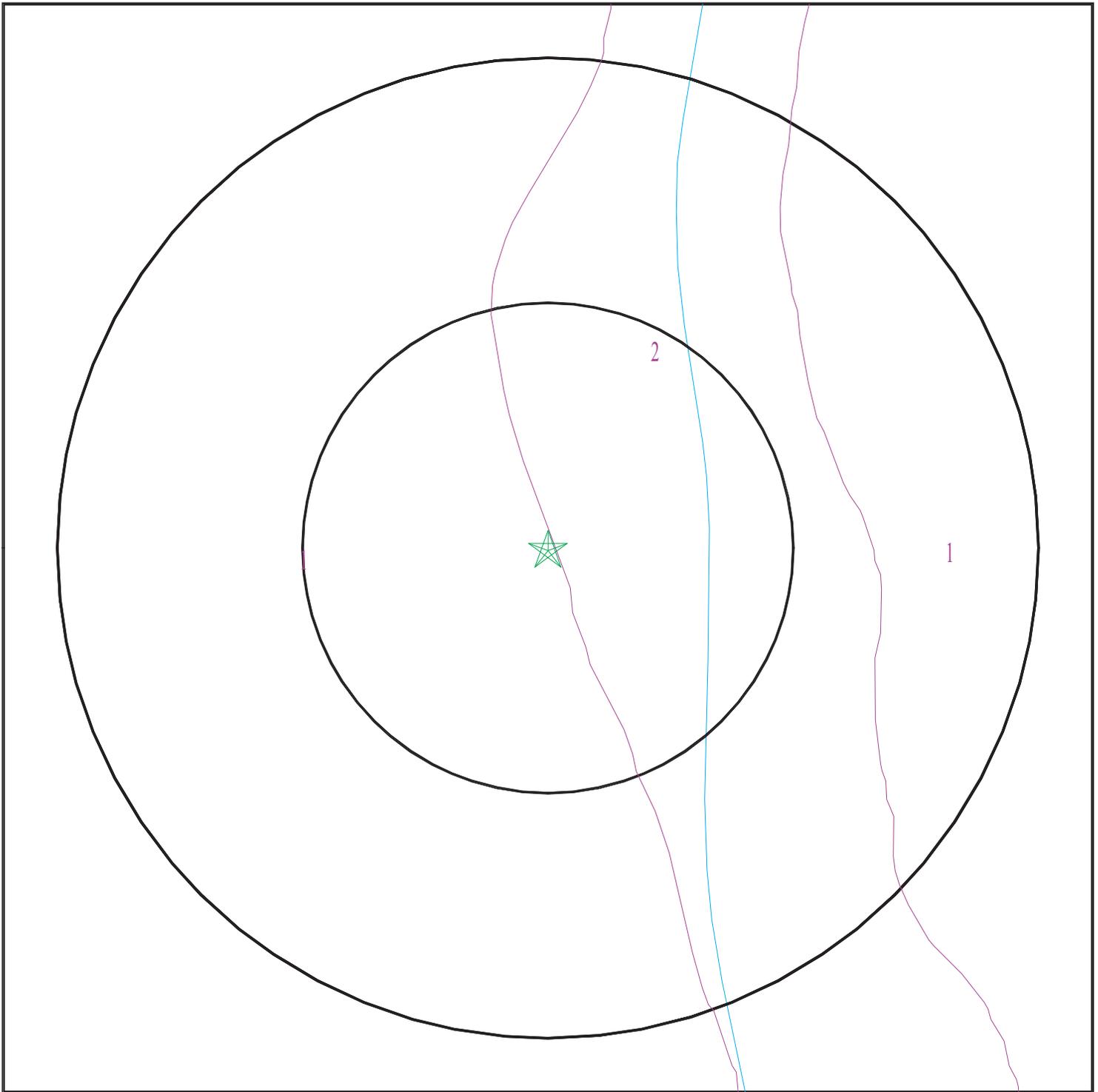
Era: Mesozoic  
System: Cretaceous  
Series: Cretaceous granitic rocks  
Code: Kg *(decoded above as Era, System & Series)*

#### **GEOLOGIC AGE IDENTIFICATION**

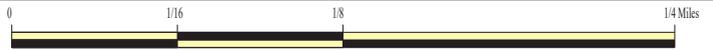
Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 7117798.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: P1E-22-09-07  
ADDRESS: 2895 S Main St  
Corona CA 92879  
LAT/LONG: 33.846356 / 117.569935

CLIENT: Priority One Environmental, Inc.  
CONTACT: Paul Robinson  
INQUIRY #: 7117798.2s  
DATE: September 14, 2022 3:51 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

### Soil Map ID: 1

Soil Component Name: GARRETSON

Soil Surface Texture: gravelly very fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	gravelly very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.1
2	9 inches	53 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.1
3	53 inches	72 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 6.1

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 2**

Soil Component Name:                   CORTINA

Soil Surface Texture:                   gravelly sandy loam

Hydrologic Group:                    Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:                   Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min:                > 0 inches

Depth to Watertable Min:             > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	22 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141 Min: 42	Max: 8.4 Min: 5.6
2	22 inches	38 inches	stratified very gravelly loamy sand to very gravelly loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141 Min: 42	Max: 8.4 Min: 5.6
3	38 inches	59 inches	stratified very gravelly sand to very gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 141 Min: 42	Max: 8.4 Min: 5.6

**LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

# PHYSICAL SETTING SOURCE MAP - 7117798.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: P1E-22-09-07  
 ADDRESS: 2895 S Main St  
 Corona CA 92879  
 LAT/LONG: 33.846356 / 117.569935

CLIENT: Priority One Environmental, Inc.  
 CONTACT: Paul Robinson  
 INQUIRY #: 7117798.2s  
 DATE: September 14, 2022 3:51 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92879	9	0

Federal EPA Radon Zone for RIVERSIDE County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

---

### Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

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

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

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

## OTHER STATE DATABASE INFORMATION

### Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

### California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

## RADON

### State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

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**P1E-22-09-07**

2895 S Main St  
Corona, CA 92879

Inquiry Number: 7117798.5  
September 15, 2022

# The EDR-City Directory Abstract

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### SECTION

Executive Summary

Findings

City Directory Images

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

### **Disclaimer - Copyright and Trademark Notice**

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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 2017. 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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Data by

**infoUSA**<sup>®</sup>

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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.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2017	Cole Information Services	X	X	X	-
2014	Cole Information Services	X	X	X	-
2009	Cole Information Services	X	X	X	-
2004	Cole Information Services	X	X	X	-
2002	SBC PACIFIC BELL	-	X	X	-
2001	Haines & Company, Inc.	-	X	X	-
1999	Cole Information Services	X	X	X	-
1996	Pacific Bell	-	X	X	-
1994	Cole Information Services	-	X	X	-
1993	Pacific Bell	-	X	X	-

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1990	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell Yellow Pages	-	-	-	-
1981	Pacific Telephone	-	X	X	-
1977	Pacific Telephone	-	X	X	-
1970	Pacific Telephone	-	X	X	-
1967	Luskey Brothers & Co.	-	-	-	-
1966	Luskey Brothers & Company Inc.	-	-	-	-
1961	Luskey Brothers & Co.	-	X	X	-
1960	Luskeys Brothers & Co., Publishers	-	-	-	-
1956	Luskey Brothers & Co.	-	X	X	-
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.	-	-	-	-

## EXECUTIVE SUMMARY

### SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
2813 S Main St	Client Entered	X
130 W Chase Dr	Client Entered	

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

2895 S Main St  
Corona, CA 92879

### FINDINGS DETAIL

Target Property research detail.

### MAIN S

#### 2895 MAIN S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Santoro Joseph A	Pacific Bell

### S MAIN ST

#### 2895 S MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	JOSEPH SANTORO	Cole Information Services
2014	JOE SANTORO	Cole Information Services
2009	JOE SANTORO	Cole Information Services
2004	JOE SANTORO	Cole Information Services
1999	JOE SANTORO	Cole Information Services

## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### BAVARIA DR

##### 2920 BAVARIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	JOHN LAYNE	Cole Information Services
2014	JOHN LAYNE	Cole Information Services
2009	JOHN LAYNE	Cole Information Services
2002	Noble Timothy & Jennifer	SBC PACIFIC BELL
2001	NOBLE Jennifer	Haines & Company, Inc.
1999	JOHN LAYNE	Cole Information Services

##### 2930 BAVARIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JAMES SOUDER	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
2001	SOUDERJames	Haines & Company, Inc.
1999	JAMES SOUDER	Cole Information Services

##### 2933 BAVARIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	EDWARD WALTON	Cole Information Services
2014	EDWARD WALTON	Cole Information Services
2009	KEVIN FRITZSCHE	Cole Information Services
2004	KEVIN FRITZSCHE	Cole Information Services
2001	FRITZSCHE Kevn	Haines & Company, Inc.
1999	KEVIN FRITZSCHE	Cole Information Services

##### 2940 BAVARIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MICHAEL JIKAKU	Cole Information Services
2014	MICHAEL JIKAKU	Cole Information Services
2009	MICHAEL JIKAKU	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	MICHAEL JIKAKU	Cole Information Services
2001	JIKAKUMichael	Haines & Company, Inc.
1999	MICHAEL JIKAKU	Cole Information Services

### 2945 BAVARIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	NOEL CAMACHO	Cole Information Services
2014	DAVID BOLAND	Cole Information Services
2009	DAVID BOLAND	Cole Information Services
2004	DAVID BOLAND	Cole Information Services
2001	BOLANDDavd	Haines & Company, Inc.
1999	DAVID BOLAND	Cole Information Services

### 2950 BAVARIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	RALPH MITCHEM	Cole Information Services
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	ANITA MITCHEM	Cole Information Services
2004	LAMON MITCHEM	Cole Information Services
2001	MITCHEM Lamon	Haines & Company, Inc.
1999	ANITA MITCHEM	Cole Information Services

### 2957 BAVARIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	RICHARD HERNANDEZ	Cole Information Services
2014	RICHARD HERNANDEZ	Cole Information Services
2009	RICHARD HERNANDEZ	Cole Information Services
2004	RICHARD HERNANDEZ	Cole Information Services
2001	HSRNANSEZRichard	Haines & Company, Inc.
1999	RICHARD HERNANDEZ	Cole Information Services

### 2960 BAVARIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	GARY GARCIA	Cole Information Services
2014	EMIL QAQISH	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JOHN BYRNE	Cole Information Services
2004	JOHN BYRNE	Cole Information Services
	JB PRODUCTIONS INC	Cole Information Services
2001	BYRNEJohn	Haines & Company, Inc.
1999	JOHN BYRNE	Cole Information Services

### 2969 BAVARIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	ERIC BRUCE	Cole Information Services
2014	ERIC BRUCE	Cole Information Services
2009	ERIC BRUCE	Cole Information Services
2004	ERIC BRUCE	Cole Information Services
2001	BRUCEErn	Haines & Company, Inc.
1999	ERIC BRUCE	Cole Information Services

### 2970 BAVARIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	SHARLEENA ALEXANDER	Cole Information Services
2014	LOLA AWWAD	Cole Information Services
2009	LOLA AWWAD	Cole Information Services
2004	LOLA AWWAD	Cole Information Services
2002	Aw w ad Suad	SBC PACIFIC BELL
2001	0 AWWAOSuad	Haines & Company, Inc.
1999	LOLA AWWAD	Cole Information Services

### 2980 BAVARIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	TIMOTHY JEFFUS	Cole Information Services
	TIMOTHY JEFFUS	Cole Information Services
2014	TIMOTHY JEFFUS	Cole Information Services
	TIMOTHY JEFFUS	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	TIMOTHY JEFFUS	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	TIMOTHY JEFFUS	Cole Information Services
2001	JEFFUSTimolhy	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 2981 BAVARIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	KEVIN GORSKI	Cole Information Services
2014	ANNABELLE GORSKI	Cole Information Services
2009	JEFF GORSKI	Cole Information Services
2004	JEFF GORSKI	Cole Information Services
2001	GORSKt Jeff	Haines & Company, Inc.
1999	JEFF GORSKI	Cole Information Services

### BIG HORN DR

#### 2901 BIG HORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	JAEGER William	Haines & Company, Inc.

#### 2922 BIG HORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines & Company, Inc.

#### 2923 BIG HORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	MASESTAINGA	Haines & Company, Inc.

#### 2935 BIG HORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	CHARLESWORTH Scoll	Haines & Company, Inc.

#### 2947 BIG HORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	9 NGUYENHarmon	Haines & Company, Inc.

## FINDINGS

### 2958 BIG HORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	YANG Songen	Haines & Company, Inc.

### 2959 BIG HORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	THOMPSON Glenn	Haines & Company, Inc.

### 2970 BIG HORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	STEWARTRon	Haines & Company, Inc.

### 2971 BIG HORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	GUESSMary	Haines & Company, Inc.

### 2980 BIG HORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	COLLETTE Jason P	Haines & Company, Inc.
	COLLETTEHeather	Haines & Company, Inc.

### 2981 BIG HORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	PARKERMrichell	Haines & Company, Inc.

### 2992 BIG HORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	WAGNER Scon	Haines & Company, Inc.
	WAGNERScot	Haines & Company, Inc.

### BIGHORN DR

### 2901 BIGHORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ROBERT JAEGER	Cole Information Services
2009	WILLIAM JAEGER	Cole Information Services
2004	WILLIAM JAEGER	Cole Information Services
1999	WILLIAM JAEGER	Cole Information Services

## FINDINGS

### 2911 BIGHORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	RODNEY BATTLE	Cole Information Services
2009	RODNEY BATTLE	Cole Information Services
2004	RODNEY BATTLE	Cole Information Services
	MIRACLES ON DECK	Cole Information Services
2002	Battle Rodney T	SBC PACIFIC BELL
1999	RODNEY BATTLE	Cole Information Services

### 2923 BIGHORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services

### 2935 BIGHORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MANUEL GARCIA	Cole Information Services
2014	KEITH GARCIA	Cole Information Services
2009	MANUEL GARCIA	Cole Information Services
2004	SCOTT CHARLESWORTH	Cole Information Services
2002	Charlesworth Scott C	SBC PACIFIC BELL
1999	MANUEL GARCIA	Cole Information Services

### 2947 BIGHORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	BILLY OVERSTREET	Cole Information Services
2004	WILLARD FINLEY	Cole Information Services
1999	BILLY OVERSTREET	Cole Information Services

### 2958 BIGHORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MATTHEW GRISEY	Cole Information Services
2014	MATTHEW GRISEY	Cole Information Services
2009	SONG YANG	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	JING YANG	Cole Information Services
2002	Yang Song Xin	SBC PACIFIC BELL
1999	SONG YANG	Cole Information Services

### 2959 BIGHORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	GLENN THOMPSON	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	CATHLENE ALVES	Cole Information Services

### 2970 BIGHORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	ALEXANDER HENRY	Cole Information Services
2014	SCOTT KRAUS	Cole Information Services
2009	SCOTT KRAUS	Cole Information Services
2004	RONALD STEWART	Cole Information Services
2002	Stew art Ron	SBC PACIFIC BELL
1999	SCOTT KRAUS	Cole Information Services

### 2971 BIGHORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	JOACHIM RANDEEN	Cole Information Services
2014	JOACHIM RANDEEN	Cole Information Services
2009	JOACHIM RANDEEN	Cole Information Services
2004	RYAN WORTHAM	Cole Information Services
1999	JOACHIM RANDEEN	Cole Information Services

### 2980 BIGHORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	JASON COLLETTE	Cole Information Services
2014	JASON COLLETTE	Cole Information Services
2009	COLLETTE COMPUTER CONSULTING	Cole Information Services
	WILLIAM COLLETTE	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	COLLETTE COMPUTER CONSULTING	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Coliette Jason P & Heather	SBC PACIFIC BELL
1999	WILLIAM COLLETTE	Cole Information Services

### 2981 BIGHORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MITCHELL PARKER	Cole Information Services
2014	MITCHELL PARKER	Cole Information Services
2009	MITCHELL PARKER	Cole Information Services
2004	MITCHELL PARKER	Cole Information Services
1999	MITCHELL PARKER	Cole Information Services

### 2992 BIGHORN DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	OTIS EASTER	Cole Information Services
	OTIS EASTER	Cole Information Services
2014	OTIS EASTER	Cole Information Services
	OTIS EASTER	Cole Information Services
2009	SCOTT WAGNER	Cole Information Services
	SCOTT WAGNER	Cole Information Services
2004	SCOTT WAGNER	Cole Information Services
	SCOTT WAGNER	Cole Information Services
2002	Wagner Scott	SBC PACIFIC BELL
	Wagner Scott	SBC PACIFIC BELL
1999	SCOTT WAGNER	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	SCOTT WAGNER	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### BRIM

#### 166 BRIM

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Yang Joanna	SBC PACIFIC BELL

## FINDINGS

### 181 BRIM

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Osw alt Scott D	SBC PACIFIC BELL

### BRIM ST

### 125 BRIM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MARIO GRIEGO	Cole Information Services
2014	MARIO GRIEGO	Cole Information Services
2009	MARIO GRIEGO	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	MARIO GRIEGO	Cole Information Services

### 139 BRIM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	JIGNESH BADANI	Cole Information Services
	JIGNESH BADANI	Cole Information Services
2014	JIGNESH BADANI	Cole Information Services
	JIGNESH BADANI	Cole Information Services
2009	LINDA RAMIREZ	Cole Information Services
	LINDA RAMIREZ	Cole Information Services
2004	LINDA RAMIREZ	Cole Information Services
	MARKETING PLUS CO	Cole Information Services
	LINDA RAMIREZ	Cole Information Services
	MARKETING PLUS CO	Cole Information Services
	LINDA RAMIREZ	Cole Information Services
1999	LINDA RAMIREZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	LINDA RAMIREZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 153 BRIM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	DAVID SCHNEIDER	Cole Information Services
2014	PAO CHIANG	Cole Information Services
2009	PAO CHIANG	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	PAO CHIANG	Cole Information Services
1999	PAO CHIANG	Cole Information Services

### 166 BRIM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	VIVIAN MAXWELL	Cole Information Services
2014	SYEDA KHATOON	Cole Information Services
2009	JOANNA YANG	Cole Information Services
2004	JOANNA YANG	Cole Information Services
1999	JOANNA YANG	Cole Information Services

### 167 BRIM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	YESHA PATEL	Cole Information Services
	YESHA PATEL	Cole Information Services
2014	TERESA CHUNG	Cole Information Services
	TERESA CHUNG	Cole Information Services
2009	JOSEPH CHIANG	Cole Information Services
	JOSEPH CHIANG	Cole Information Services
2004	LIN CHIANG	Cole Information Services
	LIN CHIANG	Cole Information Services
1999	JOSEPH CHIANG	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	JOSEPH CHIANG	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 180 BRIM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

### 181 BRIM ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	SCOTT OSWALT	Cole Information Services
2014	SCOTT OSWALT	Cole Information Services
2009	QUICKCORNER INC	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	SCOTT OSWALT	Cole Information Services

### CHASE DR E

#### 101 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	St Edwards Catholic Ch Foothill Wash Camp Services	Luskey Brothers & Co.

#### 102 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Guitierrez Carlos	Luskey Brothers & Co.

#### 103 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Serrano L H	Luskey Brothers & Co.

#### 104 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Esquivel T V	Luskey Brothers & Co.

#### 105 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Ventura Felix	Luskey Brothers & Co.

#### 106 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Garcia Manuel	Luskey Brothers & Co.

## FINDINGS

### 107 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Macias Pedro	Luskey Brothers & Co.

### 111 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Ruiz Jesus	Luskey Brothers & Co.

### 112 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Ruiz Robt	Luskey Brothers & Co.

### 113 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Nunez J T	Luskey Brothers & Co.

### 114 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Munoz M F	Luskey Brothers & Co.

### 115 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Vacant	Luskey Brothers & Co.

### 116 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Magana Heradio	Luskey Brothers & Co.

### 121 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Ramirez J F	Luskey Brothers & Co.

### 122 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Garcia S E	Luskey Brothers & Co.

### 123 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Delgado Semon	Luskey Brothers & Co.

## FINDINGS

### 124 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Garcia Marina Mrs	Luskey Brothers & Co.

### 131 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Ibinez Pedro	Luskey Brothers & Co.

### 132 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Martinez Fernando	Luskey Brothers & Co.

### 133 CHASE DR E

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Munoz M F	Luskey Brothers & Co.

### E CHASE DR

#### 103 E CHASE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1977	Valdez Nalalio	Pacific Telephone

#### 204 E CHASE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	Perez Ruben	Pacific Telephone

#### 220 E CHASE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	Espinoza Refujjo	Pacific Telephone
	SECURITY PACIFIC NATIONAL BAN I Corona Office	Pacific Telephone
	Gusman Florentino	Pacific Telephone
	I	Pacific Telephone
	Secret Service	Pacific Telephone
	Gustafson Philip A & Joan	Pacific Telephone
	1977	Gusman Florentino
	Barrera Jose	Pacific Telephone
	Vargas J F	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Betancourt E	Pacific Telephone
	Torres Emily	Pacific Telephone
	Vargos Jose F	Pacific Telephone
	Ventura Felix	Pacific Telephone

### 236 E CHASE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	Aguirre Ramon	Pacific Telephone
	Andrade Frances	Pacific Telephone
	Andrade Isidro	Pacific Telephone
	Arellano Antonio	Pacific Telephone
	Cerda Antonio G	Pacific Telephone
	Cuevas Jose	Pacific Telephone
	Espinosa Jose E	Pacific Telephone
	Espinoza Richard	Pacific Telephone
	Guerrero Jose	Pacific Telephone
	Hernandez Filimon	Pacific Telephone
	Jadeo Juan C	Pacific Telephone
	Martinez Salvador R	Pacific Telephone
	Perez Florentino C	Pacific Telephone
	Rios Luis A	Pacific Telephone
1977	Aguirre Ramon	Pacific Telephone
	Andrade Frances	Pacific Telephone
	Andrade Isidro	Pacific Telephone
	Cortez Pedro	Pacific Telephone
	Espinoza Ramiro	Pacific Telephone
	Espinoza Raul Bedford Canyon Rd @Corona@	Pacific Telephone
	Martinez Salvador R	Pacific Telephone
	Serrato Everardo	Pacific Telephone
	Serrato Ruben	Pacific Telephone
1970	Andrade Frances	Pacific Telephone
	Andrade Isidro	Pacific Telephone
	Cisnaros Delores	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Cisnaros Philip	Pacific Telephone
	Corral Louis Parra	Pacific Telephone
	Cortez Vincente	Pacific Telephone
	Fernandez Jose G	Pacific Telephone
	Parra Lupe	Pacific Telephone
	Ronquillo Gabriel Cruz	Pacific Telephone

### 250 E CHASE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	Torres Arturo Hernandez	Pacific Telephone
	Hurtado Jesus H	Pacific Telephone
	Hernandez Cruz Torres	Pacific Telephone
1977	Heredia Eiodia	Pacific Telephone
	Hernandez Cruz Torres	Pacific Telephone
	Serrato Nicolas	Pacific Telephone
	Torres Arturo Hernandez	Pacific Telephone
1970	Hutchings Geo	Pacific Telephone

### 254 E CHASE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	Romero Jaun	Pacific Telephone
	Juarez Cresencio	Pacific Telephone
1977	Juarez Cresenco	Pacific Telephone

### FOOTHILL PKY W

#### 160 FOOTHILL PKY W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	REALTY SILVERCRESTREALTY	Haines & Company, Inc.
	INC ESCROW	Haines & Company, Inc.
	GNC NUTRITIONAL	Haines & Company, Inc.
	CENTER MAIL BOXES ETC	Haines & Company, Inc.
	PRUDENTIAL CA	Haines & Company, Inc.

## FINDINGS

### GRAPEVINE CT

#### 126 GRAPEVINE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	PAKJenndler	Haines & Company, Inc.

#### 151 GRAPEVINE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ZENTNERMark	Haines & Company, Inc.
	ZENTNERMark	Haines & Company, Inc.

#### 152 GRAPEVINE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	LONG Carol Z	Haines & Company, Inc.
	LONG Carol Z	Haines & Company, Inc.

#### 203 GRAPEVINE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	NEILKa lhy M	Haines & Company, Inc.

#### 229 GRAPEVINE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ALLEVATO Ronald	Haines & Company, Inc.

#### 255 GRAPEVINE CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	DANGM	Haines & Company, Inc.

### GRAPEVINE DR

#### 125 GRAPEVINE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	WASEEM BAJWA	Cole Information Services

#### 126 GRAPEVINE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	WARREN LICATA	Cole Information Services
2014	WARREN LICATA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	WARREN LICATA	Cole Information Services
2004	STEVEN CULLINANE	Cole Information Services
2002	Pak Jennifer	SBC PACIFIC BELL
1999	WARREN LICATA	Cole Information Services

### 151 GRAPEVINE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MARK ZENTNER	Cole Information Services
2009	MARK ZENTNER	Cole Information Services
2004	RICHARD ZENTNER	Cole Information Services
2002	Zentner Mark	SBC PACIFIC BELL
1999	MARK ZENTNER	Cole Information Services

### 152 GRAPEVINE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	BARRY LONG	Cole Information Services
2014	BARRY LONG	Cole Information Services
2009	K LONG	Cole Information Services
2004	MICHELLE MONTALVO	Cole Information Services
2002	Long Carol Z	SBC PACIFIC BELL
	Long Carol Z	SBC PACIFIC BELL
1999	K LONG	Cole Information Services

### 159 GRAPEVINE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CAROL LONG	Cole Information Services

### 177 GRAPEVINE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	LAURA ROSAUER	Cole Information Services
2009	LAURA ROSAUER	Cole Information Services
2004	TAVEN COHN	Cole Information Services
	CLIENT TELL MARKETING	Cole Information Services
1999	LAURA ROSAUER	Cole Information Services

## FINDINGS

### 178 GRAPEVINE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MICHAEL COVARRUBIAS	Cole Information Services
2014	MICHAEL COVARRUBIAS	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	MICHAEL COVARRUBIAS	Cole Information Services

### 203 GRAPEVINE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	KENNETH JACOBS	Cole Information Services
2014	KURT WYNBOOM	Cole Information Services
2009	KENT NEIL	Cole Information Services
2004	KENT NEIL	Cole Information Services
2002	Neil Kathy M	SBC PACIFIC BELL
1999	KENT NEIL	Cole Information Services

### 229 GRAPEVINE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	RUBEN REYES	Cole Information Services
2014	RUBEN REYES	Cole Information Services
2009	RUBEN REYES	Cole Information Services
2004	VINCE ALLEVATO	Cole Information Services
	CORONA WHOLESALE LNDSCP MTRL INC	Cole Information Services
2002	Allevato Ronald	SBC PACIFIC BELL
1999	RUBEN REYES	Cole Information Services

### 255 GRAPEVINE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	SAEID SHIVAEI	Cole Information Services
2014	SAEID SHIVAEI	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	MICHAEL DANG	Cole Information Services

## FINDINGS

### **KEYSTONE CIR**

#### **2800 KEYSTONE CIR**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2017	GEORGE PEDROZA	Cole Information Services
2014	THOMAS WEATHERBY	Cole Information Services
2009	GEORGE PEDROZA	Cole Information Services
2004	OSEA DIONGZON	Cole Information Services
1999	GEORGE PEDROZA	Cole Information Services

#### **2805 KEYSTONE CIR**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2017	CHERYL KALIL	Cole Information Services
2014	CHERYL KALIL	Cole Information Services
2009	FRANK KALIL	Cole Information Services
2004	FRANK KALIL	Cole Information Services
1999	FRANK KALIL	Cole Information Services

#### **2840 KEYSTONE CIR**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2017	JITENDRA PATEL	Cole Information Services
2014	JITENDRA PATEL	Cole Information Services
2009	JITENDRA PATEL	Cole Information Services
2004	JITENDRA PATEL	Cole Information Services
2002	Patel Jitendra	SBC PACIFIC BELL
1999	JITENDRA PATEL	Cole Information Services

#### **2845 KEYSTONE CIR**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2017	JEFFREY FERRELL	Cole Information Services
2014	JEFFREY FERRELL	Cole Information Services
2009	JEFFREY FERRELL	Cole Information Services
2004	JEFFREY FERRELL	Cole Information Services
1999	JEFFREY FERRELL	Cole Information Services

## FINDINGS

### 2880 KEYSTONE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SHAHID RASHEED	Cole Information Services
2009	EUN LEE	Cole Information Services
2004	COEITA ALI	Cole Information Services
1999	EUN LEE	Cole Information Services

### 2885 KEYSTONE CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MARCO GUILLEN	Cole Information Services
2014	MARCO GUILLEN	Cole Information Services
2009	MARCO GUILLEN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	MARCO GUILLEN	Cole Information Services

### MAIN S

#### 2798 MAIN S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	Finn Bernard M	Pacific Bell

### MAIN ST S

#### 2798 MAIN ST S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1996	Finn Bernard M	Pacific Bell
1961	E H BROWNFIELD	Luskey Brothers & Co.

#### 2804 MAIN ST S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1956	Brownfield H P	Luskey Brothers & Co.
	end Ganahl A E	Luskey Brothers & Co.
	end Vacant	Luskey Brothers & Co.

#### 2890 MAIN ST S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	A E GANAHL	Luskey Brothers & Co.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1961	G L BRIGGS	Luskey Brothers & Co.

### **PLUMWOOD CIR**

#### **2772 PLUMWOOD CIR**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	MOFFETTA	Haines & Company, Inc.
	MOFFETTM	Haines & Company, Inc.

#### **2814 PLUMWOOD CIR**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	CORDENIS John E	Haines & Company, Inc.

#### **2855 PLUMWOOD CIR**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	DONALD PEREZ	Cole Information Services
2014	JOSE PEREZ	Cole Information Services
2009	JOSE PEREZ	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	JOSE PEREZ	Cole Information Services

#### **2869 PLUMWOOD CIR**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MICHAEL MALINSKY	Cole Information Services
2009	MICHAEL MALINSKY	Cole Information Services
2004	MICHAEL MALINSKY	Cole Information Services

#### **2883 PLUMWOOD CIR**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	ASHLYEE HICKMAN	Cole Information Services
2014	STEVEN HICKMAN	Cole Information Services
2009	STEVEN HICKMAN	Cole Information Services
2004	STEVEN HICKMAN	Cole Information Services
1999	STEVEN HICKMAN	Cole Information Services

## FINDINGS

### 2884 PLUMWOOD CIR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	RAYMOND HUGHES	Cole Information Services
2014	RAYMOND HUGHES	Cole Information Services
2009	RAYMOND HUGHES	Cole Information Services
2004	RAYMOND HUGHES	Cole Information Services
2002	Hughes Raymond P	SBC PACIFIC BELL
2001	HUGHESRaymond P	Haines & Company, Inc.
1999	RAYMOND HUGHES	Cole Information Services

### PLUMWOOD LN

#### 2771 PLUMWOOD LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	DENNIS GUNNERSON	Cole Information Services
2014	DENNIS GUNNERSON	Cole Information Services
2009	DENNIS GUNNERSON	Cole Information Services
2004	DENNIS GUNNERSON	Cole Information Services
1999	DENNIS GUNNERSON	Cole Information Services

#### 2772 PLUMWOOD LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	CHRISTOPHER CHAU	Cole Information Services
2014	CLAUDIA GREENSHIELDS	Cole Information Services
2009	HUONG CAO	Cole Information Services
2004	ROXXANE CONTE	Cole Information Services
2002	Moffett M & A	SBC PACIFIC BELL

#### 2779 PLUMWOOD LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	N BISHAY	Cole Information Services
2009	N BISHAY	Cole Information Services
1999	N BISHAY	Cole Information Services

## FINDINGS

### 2785 PLUMWOOD LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	KENNETH GARRETT	Cole Information Services
2009	KENNETH GARRETT	Cole Information Services
2004	KENNETH GARRETT	Cole Information Services
1999	KENNETH GARRETT	Cole Information Services

### 2786 PLUMWOOD LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	MAHENDRA PATEL	Cole Information Services
2014	MAHENDRA PATEL	Cole Information Services
2009	MAHENDRA PATEL	Cole Information Services
2004	MAHENDRA PATEL	Cole Information Services
1999	MAHENDRA PATEL	Cole Information Services

### 2799 PLUMWOOD LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	ROSA LOTHIAN	Cole Information Services
2014	ALEK LEOTHACUE	Cole Information Services
2009	REINALD LEOTHACUE	Cole Information Services
2004	REINALD LEOTHACUE	Cole Information Services
1999	REINALD LEOTHACUE	Cole Information Services

### 2800 PLUMWOOD LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	RAYMOND WEISS	Cole Information Services
2014	RAYMOND WEISS	Cole Information Services
2009	RAY WEISS	Cole Information Services
2004	RAY WEISS	Cole Information Services
1999	RAY WEISS	Cole Information Services

### 2813 PLUMWOOD LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	GREGORY FELIX	Cole Information Services
2014	MALINDA PERKINS	Cole Information Services
2004	RONALD PERKINS	Cole Information Services

## FINDINGS

### 2814 PLUMWOOD LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	JOHN CORDENIS	Cole Information Services
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	MICHAEL LOPEZ	Cole Information Services
2004	JOHN CORDENIS	Cole Information Services
2002	Cordenis John E	SBC PACIFIC BELL
1999	MICHAEL LOPEZ	Cole Information Services

### 2827 PLUMWOOD LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	ELISEO REVELES	Cole Information Services
2014	JUAN REVELES	Cole Information Services
2009	JUAN REVELES	Cole Information Services
2004	JUAN REVELES	Cole Information Services
1999	JUAN REVELES	Cole Information Services

### 2841 PLUMWOOD LN

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	JAY MCNEILLY	Cole Information Services
2014	JAY MCNEILLY	Cole Information Services
2009	JAY MCNEILLY	Cole Information Services
2004	JAY MCNEILLY	Cole Information Services
1999	JAY MCNEILLY	Cole Information Services

### S MAIN ST

#### 2725 S MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	CROWN OF LIFE LUTHERAN CHURCH	Cole Information Services
2014	CROWN OF LIFE LUTHERAN CHURCH	Cole Information Services
2009	KINGS KIDS LEARNING CENTER	Cole Information Services
	CROWN OF LIFE LUTHERAN CHURCH	Cole Information Services

## FINDINGS

### 2798 S MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines & Company, Inc.
1994	FINN, BERNARD M	Cole Information Services
1993	Finn Gary & Susan	Pacific Bell
	Finn Bernard M	Pacific Bell
1981	Finn Bernard M	Pacific Telephone
1977	Walag Stephen	Pacific Telephone
1970	Scholz Oscar	Pacific Telephone
	Scholz Grace	Pacific Telephone

### 2804 S MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
1977	Colladay Joe S	Pacific Telephone
1970	Brownfield H P	Pacific Telephone

### 2813 S MAIN ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	LIONEL RENTSCHLER	Cole Information Services
	LIONEL RENTSCHLER	Cole Information Services
	LIONEL RENTSCHLER	Cole Information Services

### S Main St

#### 2813 S Main St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	RENTSCHLERLionel	Haines & Company, Inc.

## FINDINGS

### **S MAIN ST**

#### **2815 S MAIN ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2017	FAMILY DENTAL CARE OF CORONA	Cole Information Services
	PROFESSIONAL WOUND CARE SERVICES	Cole Information Services
	CORONA PEDIA TRICS	Cole Information Services
	CORONA MEDICAL PARTNERS	Cole Information Services
	DR ANDERSON WOUND CARE	Cole Information Services
	FRENCH MEDICAL GROUP	Cole Information Services
	INLAND EMPIRE SPINE & DISC	Cole Information Services
2014	CORONA PEDIA TRICS	Cole Information Services
	FAMILY DENTAL CARE OF CORONA	Cole Information Services
	PROFESSIONAL WOUND CARE SERVICES	Cole Information Services
	CORONA OFFICE PARTNERS LP	Cole Information Services
	ANDERSON WOUND CARE DR	Cole Information Services

#### **2859 S MAIN ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2014	DEZERAY STOCKWELL	Cole Information Services

#### **2890 S MAIN ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	XXXX	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	VILLARREAL, FRANK	Cole Information Services
1977	Finn Bernard M	Pacific Telephone
1970	Finn Bernard M	Pacific Telephone

### **W CHASE DR**

#### **130 W CHASE DR**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2017	CALVARY CHAPEL	Cole Information Services
	CALAVARY CORONA	Cole Information Services
2014	CALVARY CHAPEL CORONA	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CALAVARY CORONA	Cole Information Services
2009	CALVARY CHAPEL CORONA	Cole Information Services

### 250 W CHASE DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Wilson K E	Pacific Telephone

### W FOOTHILL PKWY

#### 130 W FOOTHILL PKWY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	CHEVRON	Cole Information Services
	GARAGE DOOR REPAIR	Cole Information Services
2014	CHEVRON STATION EXTRA MILE CORONA	Cole Information Services
	CHEVRON EXTRA MILE	Cole Information Services
2009	CHEVRON ECTRA MILE	Cole Information Services
2004	CHEVRON ECTRA MILE	Cole Information Services
	CHEVRON STATION INC	Cole Information Services

#### 140 W FOOTHILL PKWY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	RYAN SKALLA	Cole Information Services
2009	RYAN SKALLA	Cole Information Services
1999	RYAN SKALLA	Cole Information Services

#### 160 W FOOTHILL PKWY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	EDWARDS GARAGE DOORS & GATES	Cole Information Services
	LIFELOCK	Cole Information Services
	MUSIC & ARTS	Cole Information Services
	REGEN REAL ESTATE LLC	Cole Information Services
	THE UPS STORE	Cole Information Services
	CLARK TEAM THE	Cole Information Services
	ZEC REALTY	Cole Information Services
	DEPENDABLE CAR SHIPPING	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	FULVIC NATURAL PRODUCTS INC	Cole Information Services
	GNC	Cole Information Services
2014	MUSIC & ARTS	Cole Information Services
	YVETTE HODGE	Cole Information Services
	LORD CORPORATION	Cole Information Services
	DEPENDABLE CAR SHIPPING	Cole Information Services
	FULVIC NATURAL PRODUCTS INC	Cole Information Services
	SHINS A PLUS TAE KWON DO	Cole Information Services
	THE UPS STORE	Cole Information Services
	MARCUS MCDOWELL	Cole Information Services
	CHAD HERNAEZ	Cole Information Services
	JENNIFER HIGGINBOTHAM	Cole Information Services
	NANCY LEFEBVRE	Cole Information Services
	LYNN PETERS	Cole Information Services
	WILLIAM TURNER	Cole Information Services
	CURTIS BARTZ	Cole Information Services
	DARIUSZ ORLOWSKI	Cole Information Services
	MICHAEL THOMAS	Cole Information Services
	RICHMOND WYNN	Cole Information Services
	LOUIS PLUMMER	Cole Information Services
	KEVIN RACHALL	Cole Information Services
	JEFF TROESH	Cole Information Services
JAY DALSON	Cole Information Services	
STEPHEN EYNON	Cole Information Services	
LYNNE GLAZER	Cole Information Services	
PATRICK MAGERS	Cole Information Services	
IRENE MENENDEZ	Cole Information Services	
GNC	Cole Information Services	
2009	STEVE ALEXANDER	Cole Information Services
	ALLEN REED PUBLISHING CO	Cole Information Services
	RANDALL SEAGER	Cole Information Services
	RIKI RACHTMAN	Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	KARL HOLMES	Cole Information Services
	KEVIN RACHALL	Cole Information Services
	RICHARD ANDERSON	Cole Information Services
	ROBERT MILEY	Cole Information Services
	STEPHEN EYNON	Cole Information Services
	G NICHOLSON	Cole Information Services
	JOHN CANTU	Cole Information Services
	M DELATORRE	Cole Information Services
	EYNON MANAGEMENT	Cole Information Services
	PAT RAKESH	Cole Information Services
	KIMBERLY L ANDERSON	Cole Information Services
	REAL A1 ACQUISITIONS LLC	Cole Information Services
	WEST COAST INTERPRETERS CORP	Cole Information Services
	QUIJANO BUSINESS SERVICES	Cole Information Services
	GNC	Cole Information Services
	ONSITE COMPUTING INC	Cole Information Services
	QUIET HARBOR REALTY	Cole Information Services
	BECKER CONSULTING SERVICES	Cole Information Services
	UPS STORE	Cole Information Services
	CEO BUSINESS BROKERAGE	Cole Information Services
	BEVERAGE INDUSTRY NEWS	Cole Information Services
	C M C PROCESSING GROUP	Cole Information Services
	ALTRANS INC	Cole Information Services
	BRIDGE POINT COMMUNICATION	Cole Information Services
	CALIFORNIA CLEANROOM SERVICES	Cole Information Services
	CANCER MID-FLORIDA	Cole Information Services
	2004	TAMARA PAIGE
DANIEL MYRE		Cole Information Services
JAMES FIELDER		Cole Information Services
ANDY PROBST		Cole Information Services
TAUNA DOPP		Cole Information Services
MICHAEL SLATER		Cole Information Services

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	JEFF WEEKES	Cole Information Services
	STEPHEN RUSS	Cole Information Services
	CHRIS BISHOP	Cole Information Services
	PFG	Cole Information Services
	ED GLICK	Cole Information Services
	GNC NUTRITIONAL CTR	Cole Information Services
	KEITH GOODMAN	Cole Information Services
	ANN NUGENT	Cole Information Services
	ADELLA S MONTOYA	Cole Information Services
	SIGN N DELIVER SIGNING SERVICE	Cole Information Services
	KERSHAW KIM	Cole Information Services
	SWEETESS REALTY MORTGAGE	Cole Information Services
	ANNA PISANI	Cole Information Services
	THE UPS STORE	Cole Information Services
	BCI ARCHITECTURE & ENGINEERING	Cole Information Services
	DENNIS R FINDLY	Cole Information Services
	SUZIE NAPOLI	Cole Information Services
	CYNTHIAS KITCHEN	Cole Information Services
	ROBERT U PARTRIDGE	Cole Information Services
	BRIAN PAGELER	Cole Information Services
1999	STEVE ALEXANDER	Cole Information Services
	CANCER MID-FLORIDA	Cole Information Services
	RANDALL SEAGER	Cole Information Services
	RIKI RACHTMAN	Cole Information Services
	KARL HOLMES	Cole Information Services
	M DELATORRE	Cole Information Services
	RICHARD ANDERSON	Cole Information Services
	G NICHOLSON	Cole Information Services
	ROBERT MILEY	Cole Information Services
	STEPHEN EYNON	Cole Information Services
KEVIN RACHALL	Cole Information Services	

## FINDINGS

### 165 W FOOTHILL PKWY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JOSEPH HERNANDEZ	Cole Information Services
1999	JOSEPH HERNANDEZ	Cole Information Services

### W FOOTHILL PKY

#### 130 W FOOTHILL PKY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CHEVRON ECTRA MILE	SBC PACIFIC BELL

#### 160 W FOOTHILL PKY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	ALBERTSONS FOOD & DRUG	SBC PACIFIC BELL
	GN C NUTRITIONAL CENTER	SBC PACIFIC BELL
	MAIL BOXES ETC	SBC PACIFIC BELL
	OFFICE	SBC PACIFIC BELL
	REALTY	SBC PACIFIC BELL
	PRUDENTIAL CALIFORNIA	SBC PACIFIC BELL
	CARLS JR RESTAURANT	SBC PACIFIC BELL
	BOSTON CLEANERS	SBC PACIFIC BELL

## 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.

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
101 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
102 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
103 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
103 E CHASE DR	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
104 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
105 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
106 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
107 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
111 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
112 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
113 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
114 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
115 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
116 CHASE DR E	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921



## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
139 BRIM ST	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
140 W FOOTHILL PKWY	2017, 2004, 2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
151 GRAPEVINE CT	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
151 GRAPEVINE DR	2017, 2014, 2009, 2004, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
151 GRAPEVINE DR	2017, 2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
152 GRAPEVINE CT	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
152 GRAPEVINE DR	2017, 2014, 2009, 2004, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
152 GRAPEVINE DR	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
153 BRIM ST	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
159 GRAPEVINE DR	2017, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
160 FOOTHILL PKY W	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
160 W FOOTHILL PKWY	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
160 W FOOTHILL PKY	2017, 2014, 2009, 2004, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
165 W FOOTHILL PKWY	2017, 2014, 2004, 2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
166 BRIM	2017, 2014, 2009, 2004, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
166 BRIM ST	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921

## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
167 BRIM ST	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
177 GRAPEVINE DR	2017, 2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
178 GRAPEVINE DR	2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
180 BRIM ST	2017, 2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
181 BRIM	2017, 2014, 2009, 2004, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
181 BRIM ST	2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
203 GRAPEVINE CT	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
203 GRAPEVINE DR	2017, 2014, 2009, 2004, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
203 GRAPEVINE DR	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
204 E CHASE DR	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
220 E CHASE DR	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
229 GRAPEVINE CT	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
229 GRAPEVINE DR	2017, 2014, 2009, 2004, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
229 GRAPEVINE DR	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
236 E CHASE DR	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
250 E CHASE DR	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921

## FINDINGS

### Address Researched

### Address Not Identified in Research Source

250 W CHASE DR	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
254 E CHASE DR	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
255 GRAPEVINE CT	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
255 GRAPEVINE DR	2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2725 S MAIN ST	2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2771 PLUMWOOD LN	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2772 PLUMWOOD CIR	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2772 PLUMWOOD LN	2017, 2014, 2009, 2004, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2772 PLUMWOOD LN	2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2779 PLUMWOOD LN	2017, 2004, 2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2785 PLUMWOOD LN	2017, 2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2786 PLUMWOOD LN	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2798 MAIN S	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2798 MAIN ST S	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2798 S MAIN ST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1990, 1986, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2798 S MAIN ST	2017, 2014, 2009, 2004, 2002, 2001, 1999, 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

## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
2799 PLUMWOOD LN	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2800 KEYSTONE CIR	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2800 PLUMWOOD LN	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2804 MAIN ST S	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2804 S MAIN ST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2804 S MAIN ST	2017, 2014, 2009, 2004, 2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2805 KEYSTONE CIR	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2813 PLUMWOOD LN	2009, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2813 S MAIN ST	2017, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2813 S Main St	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2813 S MAIN ST	2017, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2814 PLUMWOOD CIR	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2814 PLUMWOOD LN	2017, 2014, 2009, 2004, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2814 PLUMWOOD LN	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2815 S MAIN ST	2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2827 PLUMWOOD LN	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921

## FINDINGS

<b><u>Address Researched</u></b>	<b><u>Address Not Identified in Research Source</u></b>
2840 KEYSTONE CIR	2017, 2014, 2009, 2004, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2840 KEYSTONE CIR	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2841 PLUMWOOD LN	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2845 KEYSTONE CIR	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2855 PLUMWOOD CIR	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2859 S MAIN ST	2017, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2869 PLUMWOOD CIR	2017, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2880 KEYSTONE CIR	2017, 2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2883 PLUMWOOD CIR	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2884 PLUMWOOD CIR	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2884 PLUMWOOD CIR	2017, 2014, 2009, 2004, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2885 KEYSTONE CIR	2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2890 MAIN ST S	2017, 2014, 2009, 2004, 2002, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2890 S MAIN ST	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921
2890 S MAIN ST	2017, 2014, 2009, 2004, 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
2901 BIG HORN DR	2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921







## FINDINGS

### **Address Researched**

2981 BIG HORN DR

2981 BIGHORN DR

2992 BIG HORN DR

2992 BIGHORN DR

2992 BIGHORN DR

### **Address Not Identified in Research Source**

2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921

2002, 2001, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921

2017, 2014, 2009, 2004, 2002, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921

2017, 2014, 2009, 2004, 2001, 1999, 1996, 1994, 1993, 1990, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960, 1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921

2002, 2001, 1996, 1994, 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**

2895 S Main St

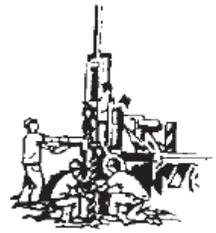
**Address Not Identified in Research Source**

2002, 2001, 1996, 1994, 1993, 1986, 1981, 1977, 1970, 1967, 1966, 1961, 1960,  
1956, 1955, 1951, 1946, 1945, 1941, 1939, 1936, 1931, 1930, 1927, 1925, 1924, 1921

# GEO-ETKA, INC.

Established 1965

Soil Engineering and Geology  
Material Testing and Inspections



---

1801 East Heim Avenue, Suite 202, Orange, California 92865 • Phone (714) 771-6911 • Email: [geoetka@aol.com](mailto:geoetka@aol.com)

March 3, 2022

Balbas Construction, Inc.  
3189 Airway Avenue, Unit D  
Costa Mesa, California 92626

Attention: Mr. Job Balbas:

Subject: Soil Sample Test Results for Organochlorine Pesticide,  
PCBs, and Chlorinated Herbicides,  
Geo-Etka, Inc. Project No.: T-11936-22

Project: Proposed are Three (3) Commercial Buildings  
2895 South Main Street, Corona, California 92881

Reference: Geo-Etka, Inc., "Preliminary Soil Investigation Report, Proposed  
Three Commercial Buildings, 2895 South Main Street, Corona,  
California." Project Number FP-11936-22, Report Dated February  
28, 2022.

Dear Mr. Balbas,

In accordance with your authorization, we have sampled onsite surficial soils for Organochlorine Pesticide and its breakdown compounds, PCBs, and for Chlorinated Herbicides for the above referenced project. Six samples were collected from the upper 6 to 10 inches from random locations. The samples were placed in plastic containers, sealed, labeled, and stored in an ice-cooled chest. The sample was transported to E.S.B Environmental Laboratories in Riverside, California, a CalEPA/DHS certified Hazardous Waste Testing Laboratory. Chain of custody document is included rear of test results. The testing was conducted in general accordance of EPA 8000 series and EPA 8151A.

The attached test results show “No Detection” for DDD (compound degrades from DDT), PCBs, and Chlorinated Herbicides. Detection was recorded for DDT and DDE (compound degrades from DDT). The detected levels are less than 1 ppm. Detected levels are summarized below.

Compound	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6
4,4'-DDE	0.480 ppm	0.630 ppm	0.470 ppm	0.701 ppm	0.700 ppm	0.380 ppm
4,4'-DDT	0.190 ppm	0.490 ppm	0.190 ppm	0.200 ppm	0.320 ppm	0.033 ppm

Based on available information from the National Toxicology Program (NTP), the Hazardous Substances Data Bank (HSDB), and the National Library of Medicine (NIH), we found that “acceptable risk range” for tested animal range from 79.6 ppm to 113 ppm for these substances.

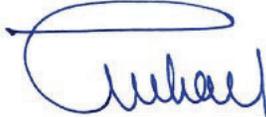
According to Risk Assessment Guidance for Superfund (RAGS), the calculated lifetime average concentrations of DDT in soil corresponding to the “no-significant risk level” for residential exposure, states that the concentration of DDT in soil corresponding to a “no-significant-risk” ranges from 7.9-18.8 ppm.

Based on the pesticide/PCBs/herbicide test results, the levels of these substances in onsite surficial soils are considered within acceptable risk range when compared to available information from various agencies. Nevertheless, we recommend placing existing surficial soils (upper 12 inches) in bottom of deeper fill areas during grading.

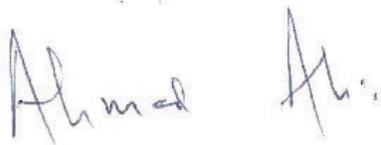
Our findings, and conclusions are normally limited to the samples collected and the area immediately surrounded each sample collection point. The work was performed in accordance with professional practices and standards currently accepted in the industry at the time our work was completed. No other warranty is either expressed or implied.

Questions, if any, regarding this report should be directed to our office.

Respectfully submitted,  
**GEO-ETKA, INC.**



Ghayas A. Khan, P. E.  
Civil Engineer, C-038344  
Expires 3-31-23



Ahmed Ali, President  
MS, REA

Attachment Laboratory Test Results



# BABCOCK Laboratories, Inc.

*The Standard of Excellence for Over 100 Years*

Client Name: GeoMat Testing Laboratories, Inc.  
Contact: Haytham Nabils, GE  
Address: 9980 Indiana Ave., Suite 14  
Riverside, CA 92503

Analytical Report: Page 1 of 21  
Project Name: Geomat Soils Testing for Herbici  
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
Received on Ice (Y/N): Yes Temp: 3 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
C2B0964-01	1	Solid	02/7/22 13:10	Haytham Nabils	02/08/22 08:49	Serene Nabils
C2B0964-02	2	Solid	02/7/22 13:20	Haytham Nabils	02/08/22 08:49	Serene Nabils
C2B0964-03	3	Solid	02/7/22 13:30	Haytham Nabils	02/08/22 08:49	Serene Nabils
C2B0964-04	4	Solid	02/7/22 13:40	Haytham Nabils	02/08/22 08:49	Serene Nabils
C2B0964-05	5	Solid	02/7/22 13:45	Haytham Nabils	02/08/22 08:49	Serene Nabils
C2B0964-06	6	Solid	02/7/22 13:50	Haytham Nabils	02/08/22 08:49	Serene Nabils



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

Client Name: GeoMat Testing Laboratories, Inc.  
 Contact: Haytham Nabils, GE  
 Address: 9980 Indiana Ave., Suite 14  
 Riverside, CA 92503

Analytical Report: Page 2 of 21  
 Project Name: Geomat Soils Testing for Herbici  
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

**C2B0964-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
1	Solid	02/07/22 13:10	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Organochlorine Pesticides and PCBs by EPA 8000 Series							
4,4'-DDD	ND	40	ug/kg	EPA 8081A	03/01/22 20:39	LLU	N_RLm, NCALhND, NMint, NRPDo
4,4'-DDE	480	30	ug/kg	EPA 8081A	03/01/22 20:39	LLU	N_RLm, NMout
4,4'-DDT	190	40	ug/kg	EPA 8081A	03/01/22 20:39	LLU	N_RLm, NCALI, NMout
a-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Aldrin	ND	2.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
b-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALInd
Chlordane	ND	25	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
d-BHC	ND	7.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Dieldrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Endosulfan I	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Endosulfan II	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALhND
Endosulfan Sulfate	ND	10	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALInd
Endrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALInd
Endrin Aldehyde	ND	7.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Heptachlor	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALIm
Heptachlor Epoxide	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Hexachlorobenzene	ND	40	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Lindane	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALInd
Methoxychlor	ND	27	ug/kg	EPA 8081A	02/17/22 15:33	LLU	NCALIm
Toxaphene	ND	80	ug/kg	EPA 8081A	02/17/22 15:33	LLU	
Surrogate: Decachlorobiphenyl	119%	10-216		EPA 8081A	03/01/22 20:39	LLU	N_RLm
Surrogate: Decachlorobiphenyl	89%	10-216		EPA 8081A	02/17/22 15:33	LLU	
Chlorinated Herbicides by EPA 8151A							
2,4,5-T	ND	100	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
2,4-D	ND	100	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
2,4,5-TP Silvex	ND	100	ug/kg	EPA 8151A	02/24/22 04:45	LLU	



**BABCOCK Laboratories, Inc.**

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Client Name: GeoMat Testing Laboratories, Inc.  
Contact: Haytham Nabils, GE  
Address: 9980 Indiana Ave., Suite 14  
Riverside, CA 92503

Analytical Report: Page 3 of 21  
Project Name: Geomat Soils Testing for Herbici  
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

**C2B0964-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
1	Solid	02/07/22 13:10	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Chlorinated Herbicides by EPA 8151A							
2,4-DB	ND	400	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
Dalapon	ND	200	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
Dicamba	ND	80	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
Dichlorprop	ND	400	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
Dinoseb	ND	100	ug/kg	EPA 8151A	02/24/22 04:45	LLU	
Surrogate: DCAA	70%	35-110		EPA 8151A	02/24/22 04:45	LLU	



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Client Name: GeoMat Testing Laboratories, Inc.  
 Contact: Haytham Nabils, GE  
 Address: 9980 Indiana Ave., Suite 14  
 Riverside, CA 92503

Analytical Report: Page 4 of 21  
 Project Name: Geomat Soils Testing for Herbici  
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

**C2B0964-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
2	Solid	02/07/22 13:20	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Organochlorine Pesticides and PCBs by EPA 8000 Series</b>							
4,4'-DDD	ND	40	ug/kg	EPA 8081A	03/01/22 21:10	LLU	N_RLm, NCALhND
4,4'-DDE	630	30	ug/kg	EPA 8081A	03/01/22 21:10	LLU	N_RLm
4,4'-DDT	490	40	ug/kg	EPA 8081A	03/01/22 21:10	LLU	N_RLm, NCALI
a-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Aldrin	ND	2.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
b-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALInd
Chlordane	ND	25	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
d-BHC	ND	7.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Dieldrin	ND	30	ug/kg	EPA 8081A	03/01/22 21:10	LLU	N_RLm, NCALhND
Endosulfan I	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Endosulfan II	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALhND
Endosulfan Sulfate	ND	10	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALInd
Endrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALInd
Endrin Aldehyde	ND	7.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Heptachlor	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALIm
Heptachlor Epoxide	ND	3.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Hexachlorobenzene	ND	40	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Lindane	ND	4.0	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALInd
Methoxychlor	ND	27	ug/kg	EPA 8081A	02/17/22 15:49	LLU	NCALIm
Toxaphene	ND	80	ug/kg	EPA 8081A	02/17/22 15:49	LLU	
Surrogate: Decachlorobiphenyl	143%	10-216		EPA 8081A	03/01/22 21:10	LLU	N_RLm
Surrogate: Decachlorobiphenyl	94%	10-216		EPA 8081A	02/17/22 15:49	LLU	
<b>Chlorinated Herbicides by EPA 8151A</b>							
2,4,5-T	ND	100	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
2,4-D	ND	100	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
2,4,5-TP Silvex	ND	100	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
2,4-DB	ND	400	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
Dalapon	ND	200	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
Dicamba	ND	80	ug/kg	EPA 8151A	02/24/22 05:11	LLU	

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 LACSD No. 10119



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Client Name: GeoMat Testing Laboratories, Inc.  
Contact: Haytham Nabils, GE  
Address: 9980 Indiana Ave., Suite 14  
Riverside, CA 92503

Analytical Report: Page 5 of 21  
Project Name: Geomat Soils Testing for Herbici  
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

**C2B0964-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
2	Solid	02/07/22 13:20	02/08/22 8:49

<b>Analyte(s)</b>	<b>Result</b>	<b>RDL</b>	<b>Units</b>	<b>Method</b>	<b>Analysis Date</b>	<b>Analyst</b>	<b>Flag</b>
Chlorinated Herbicides by EPA 8151A							
Dichlorprop	ND	400	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
Dinoseb	ND	100	ug/kg	EPA 8151A	02/24/22 05:11	LLU	
Surrogate: DCAA	77%	35-110		EPA 8151A	02/24/22 05:11	LLU	



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Analytical Report: Page 6 of 21  
 Project Name: Geomat Soils Testing for Herbici  
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

**C2B0964-03**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
3	Solid	02/07/22 13:30	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Organochlorine Pesticides and PCBs by EPA 8000 Series</b>							
4,4'-DDD	ND	40	ug/kg	EPA 8081A	03/01/22 21:41	LLU	N_RLm, NCALhND
4,4'-DDE	470	30	ug/kg	EPA 8081A	03/01/22 21:41	LLU	N_RLm
4,4'-DDT	190	40	ug/kg	EPA 8081A	03/01/22 21:41	LLU	N_RLm, NCALI
a-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Aldrin	ND	2.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
b-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALInd
Chlordane	ND	25	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
d-BHC	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Dieldrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Endosulfan I	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Endosulfan II	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALhND
Endosulfan Sulfate	ND	10	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALInd
Endrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALInd
Endrin Aldehyde	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Heptachlor	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALIm
Heptachlor Epoxide	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Hexachlorobenzene	ND	40	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Lindane	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALInd
Methoxychlor	ND	27	ug/kg	EPA 8081A	02/17/22 16:05	LLU	NCALIm
Toxaphene	ND	80	ug/kg	EPA 8081A	02/17/22 16:05	LLU	
Surrogate: Decachlorobiphenyl	85%	10-216		EPA 8081A	02/17/22 16:05	LLU	
Surrogate: Decachlorobiphenyl	108%	10-216		EPA 8081A	03/01/22 21:41	LLU	N_RLm
<b>Chlorinated Herbicides by EPA 8151A</b>							
2,4,5-T	ND	100	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
2,4-D	ND	100	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
2,4,5-TP Silvex	ND	100	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
2,4-DB	ND	400	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
Dalapon	ND	200	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
Dicamba	ND	80	ug/kg	EPA 8151A	02/24/22 05:36	LLU	



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Analytical Report: Page 7 of 21  
Project Name: Geomat Soils Testing for Herbici  
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

**C2B0964-03**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
3	Solid	02/07/22 13:30	02/08/22 8:49

<b>Analyte(s)</b>	<b>Result</b>	<b>RDL</b>	<b>Units</b>	<b>Method</b>	<b>Analysis Date</b>	<b>Analyst</b>	<b>Flag</b>
Chlorinated Herbicides by EPA 8151A							
Dichlorprop	ND	400	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
Dinoseb	ND	100	ug/kg	EPA 8151A	02/24/22 05:36	LLU	
Surrogate: DCAA	65%	35-110		EPA 8151A	02/24/22 05:36	LLU	



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Analytical Report: Page 8 of 21  
 Project Name: Geomat Soils Testing for Herbici  
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

**C2B0964-04**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
4	Solid	02/07/22 13:40	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Organochlorine Pesticides and PCBs by EPA 8000 Series</b>							
4,4'-DDD	ND	80	ug/kg	EPA 8081A	03/01/22 22:12	LLU	N_RLm, NCALhND
4,4'-DDE	710	60	ug/kg	EPA 8081A	03/01/22 22:12	LLU	N_RLm
4,4'-DDT	200	80	ug/kg	EPA 8081A	03/01/22 22:12	LLU	N_RLm, NCALI
a-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Aldrin	ND	2.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
b-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALInd
Chlordane	ND	25	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
d-BHC	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Dieldrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Endosulfan I	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Endosulfan II	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALhND
Endosulfan Sulfate	ND	10	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALInd
Endrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALInd
Endrin Aldehyde	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Heptachlor	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALIm
Heptachlor Epoxide	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Hexachlorobenzene	ND	40	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Lindane	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALInd
Methoxychlor	ND	27	ug/kg	EPA 8081A	02/17/22 16:22	LLU	NCALIm
Toxaphene	ND	80	ug/kg	EPA 8081A	02/17/22 16:22	LLU	
Surrogate: Decachlorobiphenyl	109%	10-216		EPA 8081A	03/01/22 22:12	LLU	N_RLm
Surrogate: Decachlorobiphenyl	92%	10-216		EPA 8081A	02/17/22 16:22	LLU	
<b>Chlorinated Herbicides by EPA 8151A</b>							
2,4,5-T	ND	100	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
2,4-D	ND	100	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
2,4,5-TP Silvex	ND	100	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
2,4-DB	ND	400	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
Dalapon	ND	200	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
Dicamba	ND	80	ug/kg	EPA 8151A	02/24/22 06:02	LLU	



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Analytical Report: Page 9 of 21  
Project Name: Geomat Soils Testing for Herbici  
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

**C2B0964-04**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
4	Solid	02/07/22 13:40	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Chlorinated Herbicides by EPA 8151A							
Dichlorprop	ND	400	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
Dinoseb	ND	100	ug/kg	EPA 8151A	02/24/22 06:02	LLU	
Surrogate: DCAA	73%	35-110		EPA 8151A	02/24/22 06:02	LLU	



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Analytical Report: Page 10 of 21  
 Project Name: Geomat Soils Testing for Herbici  
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

**C2B0964-05**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
5	Solid	02/07/22 13:45	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Organochlorine Pesticides and PCBs by EPA 8000 Series</b>							
4,4'-DDD	ND	80	ug/kg	EPA 8081A	03/01/22 22:43	LLU	N_RLm, NCALhND
4,4'-DDE	700	60	ug/kg	EPA 8081A	03/01/22 22:43	LLU	N_RLm
4,4'-DDT	320	80	ug/kg	EPA 8081A	03/01/22 22:43	LLU	N_RLm, NCALI
a-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Aldrin	ND	2.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
b-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALInd
Chlordane	ND	25	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
d-BHC	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Dieldrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Endosulfan I	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Endosulfan II	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALhND
Endosulfan Sulfate	ND	10	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALInd
Endrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALInd
Endrin Aldehyde	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Heptachlor	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALIm
Heptachlor Epoxide	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Hexachlorobenzene	ND	40	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Lindane	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALInd
Methoxychlor	ND	27	ug/kg	EPA 8081A	02/17/22 16:38	LLU	NCALIm
Toxaphene	ND	80	ug/kg	EPA 8081A	02/17/22 16:38	LLU	
Surrogate: Decachlorobiphenyl	116%	10-216		EPA 8081A	03/01/22 22:43	LLU	N_RLm
Surrogate: Decachlorobiphenyl	88%	10-216		EPA 8081A	02/17/22 16:38	LLU	
<b>Chlorinated Herbicides by EPA 8151A</b>							
2,4,5-T	ND	100	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
2,4-D	ND	100	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
2,4,5-TP Silvex	ND	100	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
2,4-DB	ND	400	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
Dalapon	ND	200	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
Dicamba	ND	80	ug/kg	EPA 8151A	02/24/22 06:27	LLU	



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Analytical Report: Page 11 of 21  
Project Name: Geomat Soils Testing for Herbici  
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

**C2B0964-05**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
5	Solid	02/07/22 13:45	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Chlorinated Herbicides by EPA 8151A							
Dichlorprop	ND	400	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
Dinoseb	ND	100	ug/kg	EPA 8151A	02/24/22 06:27	LLU	
Surrogate: DCAA	66%	35-110		EPA 8151A	02/24/22 06:27	LLU	



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Analytical Report: Page 12 of 21  
 Project Name: Geomat Soils Testing for Herbici  
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
 Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

**C2B0964-06**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
6	Solid	02/07/22 13:50	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
<b>Organochlorine Pesticides and PCBs by EPA 8000 Series</b>							
4,4'-DDD	ND	40	ug/kg	EPA 8081A	03/01/22 23:14	LLU	N_RLm, NCALhND
4,4'-DDE	380	30	ug/kg	EPA 8081A	03/01/22 23:14	LLU	N_RLm
4,4'-DDT	33	4.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALI
a-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Aldrin	ND	2.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
b-BHC	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALInd
Chlordane	ND	25	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
d-BHC	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Dieldrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Endosulfan I	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Endosulfan II	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALhND
Endosulfan Sulfate	ND	10	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Endrin	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALInd
Endrin Aldehyde	ND	7.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Heptachlor	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALIm
Heptachlor Epoxide	ND	3.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Hexachlorobenzene	ND	40	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Lindane	ND	4.0	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALInd
Methoxychlor	ND	27	ug/kg	EPA 8081A	02/17/22 16:54	LLU	NCALIm
Toxaphene	ND	80	ug/kg	EPA 8081A	02/17/22 16:54	LLU	
Surrogate: Decachlorobiphenyl	111%	10-216		EPA 8081A	03/01/22 23:14	LLU	N_RLm
Surrogate: Decachlorobiphenyl	95%	10-216		EPA 8081A	02/17/22 16:54	LLU	
<b>Chlorinated Herbicides by EPA 8151A</b>							
2,4,5-T	ND	100	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
2,4-D	ND	100	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
2,4,5-TP Silvex	ND	100	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
2,4-DB	ND	400	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
Dalapon	ND	200	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
Dicamba	ND	80	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
Dichloroprop	ND	400	ug/kg	EPA 8151A	02/24/22 07:44	LLU	



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Client Name: GeoMat Testing Laboratories, Inc.  
Contact: Haytham Nabils, GE  
Address: 9980 Indiana Ave., Suite 14  
Riverside, CA 92503

Analytical Report: Page 13 of 21  
Project Name: Geomat Soils Testing for Herbici  
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
Received on Ice (Y/N): Yes Temp: 3 °C

Laboratory Reference Number

**C2B0964-06**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
6	Solid	02/07/22 13:50	02/08/22 8:49

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Chlorinated Herbicides by EPA 8151A							
Dinoseb	ND	100	ug/kg	EPA 8151A	02/24/22 07:44	LLU	
Surrogate: DCAA	71%	35-110		EPA 8151A	02/24/22 07:44	LLU	



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Analytical Report: Page 14 of 21  
 Project Name: Geomat Soils Testing for Herbici  
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
 Received on Ice (Y/N): Yes Temp: 3 °C

**Organochlorine Pesticides and PCBs by EPA 8000 Series - Batch Quality Control**

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
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**Batch 2B14002 - EPA 3545 Mod - Pressurized Fluid Extracton**

**Blank (2B14002-BLK1)**

Prepared: 02/14/22 Analyzed: 02/17/22

4,4'-DDD	ND	4.0	ug/kg							
4,4'-DDE	ND	3.0	ug/kg							
4,4'-DDT	ND	4.0	ug/kg							
a-BHC	ND	4.0	ug/kg							
Aldrin	ND	2.0	ug/kg							
b-BHC	ND	4.0	ug/kg							
Chlordane	ND	25	ug/kg							
d-BHC	ND	7.0	ug/kg							
Dieldrin	ND	3.0	ug/kg							
Endosulfan I	ND	3.0	ug/kg							
Endosulfan II	ND	4.0	ug/kg							
Endosulfan Sulfate	ND	10	ug/kg							
Endrin	ND	3.0	ug/kg							
Endrin Aldehyde	ND	7.0	ug/kg							
Heptachlor	ND	3.0	ug/kg							
Heptachlor Epoxide	ND	3.0	ug/kg							
Hexachlorobenzene	ND	40	ug/kg							
Lindane	ND	4.0	ug/kg							
Methoxychlor	ND	27	ug/kg							
Toxaphene	ND	80	ug/kg							

Surrogate: Decachlorobiphenyl	39		ug/kg	50.0		78	10-216			
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**LCS (2B14002-BS1)**

Prepared: 02/14/22 Analyzed: 02/17/22

4,4'-DDD	15.2	4.0	ug/kg	16.7		91	49-111			
4,4'-DDE	13.9	3.0	ug/kg	16.7		84	47-106			
4,4'-DDT	13.9	4.0	ug/kg	16.7		83	41-114			
a-BHC	13.7	4.0	ug/kg	16.7		82	27-109			
Aldrin	13.5	2.0	ug/kg	16.7		81	30-110			
b-BHC	13.6	4.0	ug/kg	16.7		82	32-119			
d-BHC	13.8	7.0	ug/kg	16.7		83	27-88			
Dieldrin	14.7	3.0	ug/kg	16.7		88	46-106			
Endosulfan I	13.8	3.0	ug/kg	16.7		83	39-107			
Endosulfan II	15.4	4.0	ug/kg	16.7		92	35-115			
Endosulfan Sulfate	14.2	10	ug/kg	16.7		85	32-112			

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 EPA No. CA00102  
 NELAP No. OR4035  
 LACSD No. 10119



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Analytical Report: Page 15 of 21  
 Project Name: Geomat Soils Testing for Herbici  
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
 Received on Ice (Y/N): Yes Temp: 3 °C

**Organochlorine Pesticides and PCBs by EPA 8000 Series - Batch Quality Control**

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 2B14002 - EPA 3545 Mod - Pressurized Fluid Extracton</b>										
<b>LCS (2B14002-BS1)</b>				Prepared: 02/14/22 Analyzed: 02/17/22						
Endrin	17.2	3.0	ug/kg	16.7		103	46-118			
Endrin Aldehyde	7.64	7.0	ug/kg	16.7		46	23-105			
Heptachlor	14.2	3.0	ug/kg	16.7		85	22-125			
Heptachlor Epoxide	13.8	3.0	ug/kg	16.7		83	40-108			
Hexachlorobenzene	13.7	40	ug/kg	16.7		82	29-109			
Lindane	12.7	4.0	ug/kg	16.7		76	27-112			
Methoxychlor	59.8	27	ug/kg	66.7		90	45-123			
<i>Surrogate:</i> <i>Decachlorobiphenyl</i>	41		ug/kg	50.0		82	10-216			
<b>Matrix Spike (2B14002-MS1)</b>				Source: C2B0964-01 Prepared: 02/14/22 Analyzed: 02/17/22						
4,4'-DDD	20.7	4.0	ug/kg	16.7	20.7	0.2	14-149			QMint
4,4'-DDE	ND	3.0	ug/kg	16.7	ND		10-140			QMout
4,4'-DDT	177	4.0	ug/kg	16.7	135	NR	10-138			QMout
a-BHC	13.1	4.0	ug/kg	16.7	ND	79	27-99			
Aldrin	12.4	2.0	ug/kg	16.7	ND	74	40-92			
b-BHC	14.8	4.0	ug/kg	16.7	0.525	86	15-130			
d-BHC	13.1	7.0	ug/kg	16.7	0.795	74	10-98			
Dieldrin	19.5	3.0	ug/kg	16.7	1.10	110	18-125			
Endosulfan I	13.4	3.0	ug/kg	16.7	ND	80	16-127			
Endosulfan II	19.1	4.0	ug/kg	16.7	2.95	97	29-108			
Endosulfan Sulfate	12.0	10	ug/kg	16.7	4.48	45	19-121			
Endrin	19.5	3.0	ug/kg	16.7	2.44	102	24-127			
Endrin Aldehyde	11.9	7.0	ug/kg	16.7	ND	71	10-103			
Heptachlor	16.6	3.0	ug/kg	16.7	0.827	94	10-125			
Heptachlor Epoxide	14.4	3.0	ug/kg	16.7	ND	86	46-101			
Hexachlorobenzene	13.4	40	ug/kg	16.7	0.853	76	29-115			
Lindane	13.3	4.0	ug/kg	16.7	ND	80	20-108			
Methoxychlor	72.1	27	ug/kg	66.7	10.3	93	10-157			
<i>Surrogate:</i> <i>Decachlorobiphenyl</i>	42		ug/kg	50.0		84	10-216			



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Analytical Report: Page 16 of 21  
 Project Name: Geomat Soils Testing for Herbici  
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
 Received on Ice (Y/N): Yes Temp: 3 °C

**Organochlorine Pesticides and PCBs by EPA 8000 Series - Batch Quality Control**

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 2B14002 - EPA 3545 Mod - Pressurized Fluid Extracton</b>										
<b>Matrix Spike Dup (2B14002-MSD1)</b>		<b>Source: C2B0964-01</b>			Prepared: 02/14/22		Analyzed: 02/17/22			
4,4'-DDD	27.2	4.0	ug/kg	16.7	20.7	39	14-149	198	40	QRPD0
4,4'-DDE	ND	3.0	ug/kg	16.7	ND		10-140		30	QMout
4,4'-DDT	184	4.0	ug/kg	16.7	135	NR	10-138	16	40	QMout
a-BHC	12.9	4.0	ug/kg	16.7	ND	77	27-99	2	30	
Aldrin	12.5	2.0	ug/kg	16.7	ND	75	40-92	1	30	
b-BHC	14.6	4.0	ug/kg	16.7	0.525	85	15-130	2	40	
d-BHC	13.4	7.0	ug/kg	16.7	0.795	76	10-98	2	30	
Dieldrin	19.1	3.0	ug/kg	16.7	1.10	108	18-125	2	25	
Endosulfan I	13.5	3.0	ug/kg	16.7	ND	81	16-127	0.4	20	
Endosulfan II	21.0	4.0	ug/kg	16.7	2.95	108	29-108	11	30	
Endosulfan Sulfate	11.7	10	ug/kg	16.7	4.48	43	19-121	4	40	
Endrin	19.5	3.0	ug/kg	16.7	2.44	102	24-127	0.2	30	
Endrin Aldehyde	13.3	7.0	ug/kg	16.7	ND	80	10-103	11	50	
Heptachlor	17.3	3.0	ug/kg	16.7	0.827	99	10-125	5	30	
Heptachlor Epoxide	13.4	3.0	ug/kg	16.7	ND	81	46-101	7	40	
Hexachlorobenzene	12.7	40	ug/kg	16.7	0.853	71	29-115	6	40	
Lindane	13.3	4.0	ug/kg	16.7	ND	80	20-108	0.05	40	
Methoxychlor	71.5	27	ug/kg	66.7	10.3	92	10-157	0.9	40	
Surrogate: Decachlorobiphenyl	43		ug/kg	50.0		87	10-216			



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Analytical Report: Page 17 of 21  
 Project Name: Geomat Soils Testing for Herbici  
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
 Received on Ice (Y/N): Yes Temp: 3 °C

**Chlorinated Herbicides by EPA 8151A - Batch Quality Control**

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 2B15006 - EPA 3550B</b>										
<b>Blank (2B15006-BLK1)</b> Prepared: 02/16/22 Analyzed: 02/23/22										
2,4,5-T	ND	100	ug/kg							
2,4-D	ND	100	ug/kg							
2,4,5-TP Silvex	ND	100	ug/kg							
2,4-DB	ND	400	ug/kg							
Dalapon	ND	200	ug/kg							
Dicamba	ND	80	ug/kg							
Dichlorprop	ND	400	ug/kg							
Dinoseb	ND	100	ug/kg							
Surrogate: DCAA	3530		ug/kg	5000		71	35-110			
<b>LCS (2B15006-BS1)</b> Prepared: 02/16/22 Analyzed: 02/23/22										
2,4,5-T	392	100	ug/kg	500		78	12-119			
2,4-D	351	100	ug/kg	500		70	17-110			
2,4,5-TP Silvex	432	100	ug/kg	500		86	23-131			
2,4-DB	403	400	ug/kg	500		81	10-132			
Dalapon	402	200	ug/kg	500		80	10-147			
Dicamba	417	80	ug/kg	500		83	27-130			
Dichlorprop	400	400	ug/kg	500		80	16-127			
Dinoseb	451	100	ug/kg	500		90	23-142			
Surrogate: DCAA	3860		ug/kg	5000		77	35-110			
<b>Matrix Spike (2B15006-MS1)</b> Source: C2B0964-03 Prepared: 02/16/22 Analyzed: 02/24/22										
2,4,5-T	262	100	ug/kg	500	ND	52	10-122			
2,4-D	229	100	ug/kg	500	ND	46	10-127			
2,4,5-TP Silvex	367	100	ug/kg	500	ND	73	16-116			
2,4-DB	412	400	ug/kg	500	ND	82	10-140			
Dalapon	219	200	ug/kg	500	ND	44	10-135			
Dicamba	275	80	ug/kg	500	ND	55	10-124			
Dichlorprop	314	400	ug/kg	500	ND	63	13-135			
Dinoseb	437	100	ug/kg	500	ND	87	34-116			
Surrogate: DCAA	3370		ug/kg	5000		67	35-110			



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Analytical Report: Page 18 of 21  
 Project Name: Geomat Soils Testing for Herbici  
 Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
 Received on Ice (Y/N): Yes Temp: 3 °C

**Chlorinated Herbicides by EPA 8151A - Batch Quality Control**

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 2B15006 - EPA 3550B</b>										
<b>Matrix Spike Dup (2B15006-MSD1)</b>										
<b>Source: C2B0964-03</b>										
Prepared: 02/16/22 Analyzed: 02/24/22										
2,4,5-T	248	100	ug/kg	500	ND	50	10-122	5	30	
2,4-D	213	100	ug/kg	500	ND	43	10-127	7	50	
2,4,5-TP Silvex	351	100	ug/kg	500	ND	70	16-116	4	20	
2,4-DB	415	400	ug/kg	500	ND	83	10-140	0.6	30	
Dalapon	172	200	ug/kg	500	ND	34	10-135	24	50	
Dicamba	250	80	ug/kg	500	ND	50	10-124	10	30	
Dichlorprop	297	400	ug/kg	500	ND	59	13-135	6	50	
Dinoseb	445	100	ug/kg	500	ND	89	34-116	2	30	
Surrogate: DCAA	3410		ug/kg	5000		68	35-110			



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Analytical Report: Page 19 of 21
Project Name: Geomat Soils Testing for Herbici
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

Work Order Number: C2B0964
Received on Ice (Y/N): Yes Temp: 3 °C

Notes and Definitions

- N\_RLm Due to sample matrix, the reporting limit has been raised.
NCALhNI Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, therefore data not impacted.
NCALI The sample result(s) are estimate(s). The instrument calibration verification result(s) were below laboratory acceptance criteria.
NCALIm Calibration Verification recovery was below the method control limits for this analyte due to matrix interference carried over from analytical samples.
NCALInd Calibration Verification recovery was below the method control limit for this analyte. An additional check standard was analyzed at the reporting limit to ensure instrument sensitivity. Samples ND.
NMInt Due to matrix interference, the matrix spike and/or matrix spike duplicate performed on this sample did not meet laboratory acceptance criteria.
NMout The matrix spike and/or matrix spike duplicate performed on this sample did not meet laboratory acceptance criteria.
NRPDo The RPD/precision of replicate analyses performed on this sample did not meet laboratory acceptance criteria.
QMint Due to matrix interference, the MS and/or MSD did not meet laboratory acceptance criteria.
QMout MS and/or MSD recovery did not meet laboratory acceptance criteria.
Qraw Based on raw data excluding numerical rounding, QC recovery was within laboratory acceptance criteria.
QRPD The RPD value for the sample duplicate or MS/MSD did not meet laboratory acceptance criteria.
ND: Analyte NOT DETECTED at or above the Method Detection Limit (if MDL is reported), otherwise at or above the Reportable Detection Limit (RDL)
NR: Not Reported
RDL: Reportable Detection Limit
MDL: Method Detection Limit

\* / (Non-NELAP): NELAP does not offer accreditation for this analyte/method/matrix combination



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Analytical Report: Page 20 of 21  
Project Name: Geomat Soils Testing for Herbici  
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
Received on Ice (Y/N): Yes Temp: 3 °C

---

**Approval**

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted.

Cindy A. Waddell

cc:

e-Standard\_No Alias.rpt

This report applies only to the sample(s) analyzed. As a mutual protection to clients, the public, and Babcock Laboratories, Inc., this report is submitted and accepted for the exclusive use of the Client to whom it is addressed. Interpretation and use of the information contained within this report are the sole responsibility of the Client. Babcock Laboratories, Inc. is not responsible for any misinformation or consequences that may result from misinterpretation or improper use of this report. This report is not to be modified or abbreviated in any way. Additionally, this report is not to be used, in whole or in part, in any advertising or publicity matter without written authorization from Babcock Laboratories, Inc. The liability of Babcock Laboratories, Inc. is limited to the actual cost of the requested analyses, unless otherwise agreed upon in writing. There is no other warranty expressed or implied.

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Analytical Report: Page 21 of 21  
Project Name: Geomat Soils Testing for Herbici  
Project Number: 2895 South Main St. Corona

Report Date: 02-Mar-2022

**Work Order Number: C2B0964**  
Received on Ice (Y/N): Yes Temp: 3 °C



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**Chain of Custody & Sample Information Record**

Client: <u>GEOMAT</u>	Contact: <u>HAYTHAM NABILSI</u>	Fax No.	Additional Reporting Requests Include QC Data Package: <input type="checkbox"/> Yes <input type="checkbox"/> No FAX Results: <input type="checkbox"/> Yes <input type="checkbox"/> No Email Results: <input type="checkbox"/> Yes <input type="checkbox"/> No State EDT: <input type="checkbox"/> Yes <input type="checkbox"/> No (Include Source Number in Notes)
Phone No: <u>951-688-5400</u>	email: <u>haytham@geomatlabs.com</u>		
Project Name: <u>2895 SOUTH MAIN ST</u>	Turn Around Time: <u>Routine</u>	*72 Hour Rush *48 Hour Rush *24 Hour Rush	
Project Location: <u>CORONA</u>	*Lab TAT Approval:	By:	*Additional Charges Apply

Sampler Information			# of Containers & Preservatives							Total # of Containers	Sample Type		Analysis Requested	Matrix	Notes		
Name	Employer	Signature	Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	NaOH	NaOH/Zn Acetate		NH <sub>4</sub> Cl	PDC				Routine	Resample
<u>HAYTHAM NABILSI</u>	<u>GEOMAT</u>	<u>[Signature]</u>													8151 per project JLH 2/8/2022	DW = Drinking Water WW = Waste Water GW = Ground Water S = Source SG = Sludge L = Liquid M = Miscellaneous	
Sample ID	Date	Time															
<u>1</u>	<u>2/7/22</u>	<u>1:10 P</u>															
<u>2</u>		<u>1:20</u>															
<u>3</u>		<u>1:30</u>															
<u>4</u>		<u>1:40</u>															
<u>5</u>		<u>1:45</u>															
<u>6</u>		<u>1:50</u>															

Relinquished By (sign)	Print Name / Company	Date / Time	Received By (sign)	Print Name / Company
<u>[Signature]</u>	<u>Serene Nabils</u>	<u>2-5-22 8:49</u>	<u>[Signature]</u>	<u>[Signature]</u>

By signing on behalf of your organization and relinquishing this chain of custody you agree to abide by the Babcock Laboratories, Inc. Terms and Conditions.

(For Lab Use Only) Sample Integrity Upon Receipt/Acceptance Criteria

Sample(s) Submitted on Ice?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sample meets laboratory acceptance criteria?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Custody Seal(s) Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>NA</u>	Permission to continue:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Sample(s) Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Deviation/Notes:	
Temperature: <u>3</u> °C	<input type="checkbox"/> Cooler Blank	Signature/Date:	

**C2B0964**

Rc'd: 02/08/2022 08:49

JLH



County of Riverside  
**DEPARTMENT OF ENVIRONMENTAL HEALTH**

---

JEFF JOHNSON, DIRECTOR

**RELEASE OF RECORDS RESPONSE**

September 20, 2022

Service Request No: 55892

**Priority One Environmental, Inc.**  
**Attn: Paul Robinson**  
**40686 Chianti Cir**  
**Murrieta, Ca 92562**

Our office has completed the research regarding your Hazardous Materials Management records request.

**NO RECORDS WERE FOUND FOR THE FOLLOWING SITE ADDRESS:**

**2895 South Main Street, Corona**

**NO Emergency Response Complaint Investigation Report found for this site address.**

We have closed this service request.

Thank you.

Please feel free to use the following contact information to reach out to us with any questions:

Riverside County Department of Environmental Health  
Hazardous Materials Management Division  
4065 County Circle Dr., Rm. 104  
Riverside, CA 92503  
Telephone: 951-358-5055 Fax: 951-358-5017

Additional information can be found on our website at [www.rivcoeh.org](http://www.rivcoeh.org)

---

**Public Records Request :: C000067-092222**

1 message

---

City of Corona Public Records <coronaca@govqa.us>

Mon, Sep 26, 2022 at 8:53 AM

To: "PRIORITY1ENVIRONMENTAL@GMAIL.COM" <PRIORITY1ENVIRONMENTAL@gmail.com>

--- Please respond above this line ---



RE: Public Records Request, Reference # C000067-092222

Dear Paul Robinson,

The Office of the City Clerk acknowledges your Public Records Act Request received on September 22, 2022. The following records have been requested:

**Building Permit records for 2895 S Main Street, Corona, CA.**

The City has conducted a thorough search and has found that there are no documents in response to your request.

If you have any questions, please simply reply to this message or contact the Office of the City Clerk at (951) 736-2201.

Sincerely,

Taylor York  
City Clerk Services Specialist

---

To monitor the progress or update this request please log into the [Public Records Request Center](#)





**Assessor - County Clerk - Recorder**  
Riverside County, CA

**Property Detail**

<b>2895 S MAIN ST CORONA CA 92881</b>	<b>Assessment No.</b>	113340018
	<b>APN</b>	113340018
	<b>Property Type</b>	Single Family Dwelling
	<b>Neighborhood</b>	RO1303
	<b>Acreage</b>	4.09

**Legal Description**

4.09 ACRES NET IN PAR 1 PM 081/025 PM 15824 SubdivisionName PM 15824 Acres 004.09 NET LotType Parcel Parcel 1 RecMapType Parcel Map MapPlatB 081 MapPlatP 025
---

**Value History (Part 1)**

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2018	Other 01/01/2018								
2019	01/01/2019								
2020	01/01/2020								
2021	01/01/2021								
2022	01/01/2022								

**Value History (Part 2)**

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2018					\$300,271	\$583,397		\$883,668		\$7,000	\$876,668
2019					\$306,276	\$595,064		\$901,340		\$7,000	\$894,340
2020					\$312,401	\$606,965		\$919,366		\$7,000	\$912,366
2021					\$315,637	\$613,253		\$928,890		\$7,000	\$921,890
2022					\$321,949	\$625,518		\$947,467		\$7,000	\$940,467

**Transfer History**

Doc #	Sales Price	Date	Vacant Land
2022-0229149	\$400,000	5/17/2022	False
2018-0054693	\$0	2/14/2018	False
2017-0340059	\$0	8/16/2017	False
1995-0172292-RM	\$0	11/1/1995	False
1995-0172292-RM	\$0	11/1/1995	False

**Features**

Code	Code Descr.	Year	Building	Size	Size Descr.	Units	Cond. Details	Percent
YARD IMPROVEMENT	Yard Improvement (RCN)	1985	113340018	2790.00	Replacement Cost New	N/A	0.00 Average	100.00

**Land Details**

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Residential	LandLine 01 / 113340018 / Residential	4.09	0.00	0.00

## Building 1 - Building Details

**Address** 2895 S MAIN ST  
**Type** Single Family Dwelling  
**Year Built** 1985

Image: Sketch Image

### Structural Elements

Use	Detail
Basement	Finished Basement
Bathroom Condition	Average
Central Cooling	Yes
Central Heating	Yes
Kitchen Condition	Average
Roof Cover	Shake/Wood Shingles

### Floor Areas

Description	Level	Gross Area	Finished Area	Construction Type
Main Dwelling	Ground	4067.00	4067.00	Wood or Light Steel (D)
Attached Garage	Ground	1122.00	1122.00	Wood or Light Steel (D)

### Unit Counts

Units/Costs	Category	Description
12	Bath Fixtures	Bathroom Fixtures
2400	Building Additive	Built-ins (Cost)
3200	Building Additive	Fireplace (Cost)
9069	Building Additive	Heat and Cooling (Cost)
1500	Building Additive	Extra Plumbing (Cost)
5	Room Count	Bedroom
1	Room Count	Dining Room
1	Room Count	Family Room / Den
2	Room Count	Bath - Full
1	Room Count	Bath - Half
1	Room Count	Kitchen
1	Room Count	Living Room
1	Room Count	Utility Room

Riverside County is not liable for erroneous or incomplete data.  
 California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 9/22/2022



## ***Paul J. Robinson***

[Priority1environmental@gmail.com](mailto:Priority1environmental@gmail.com)

### **Professional Employment History**

- **Priority One Environmental, Inc.,** Los Angeles, CA (**Owner**)  
Corporate President / Office Director, 2015 - Present  
Managing the operation of an environmental phase one site assessment firm.
- **Dynamic Earth Consultants, Inc.,** Reseda, CA (Co-Owner)  
Corporate President / Office Director, 2010 to 2015  
Managing the operation of a geotechnical and environmental consulting firm.
- **Enviro-Assess Inc.,** Bonners Ferry, ID  
Field Technician (Part Time), 2011 to 2013  
Performing environmental site assessment and inspection
- **Brian A. Robinson & Associates, Inc.,** Tarzana, CA  
Staff Engineer / Office Manager, 2010 to 2013  
Field Technician / Office Manager, 2008 to 2010  
Laboratory Technician / Field Technician, 2004 to 2008  
Assisting in the management and operation of a geotechnical and environmental consulting firm.

### **Education**

- **California State University, Northridge, CA**  
Bachelor of Arts, Geography, 2009

### **Professional Experience**

- Analyze and evaluate geologic, environmental and engineering site characteristics.
- Perform geologic, environmental and engineering field investigations, laboratory testing, and in-field quality assurance testing.
- Write geologic, environmental and engineering reports; computer drafting; review reports and literature.
- Prepare complex reports for clients ensuring full compliance with city and county codes.
- Communicate professionally with clients, professionals, and officials to ensure effective project completion.
- Schedule appointments, estimate project costs, determine project deadlines and manage customer projects.
- Prepare proposals, invoices and receipts for clients, manage company bookkeeping.
- Office management and receptionist skills: time and employee management, supply management, filing, phone work, typing, maintain company website and manage company advertizing.

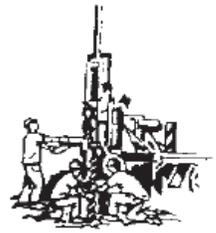
### **Additional Skills and Knowledge**

Windows XP, Vista, 7 and 8; Max OS X; MS Word, Excel, PowerPoint; Word Perfect; Quattro Pro; CorelDraw X5; Adobe Creative Suite 6 (i.e. Illustrator & Photoshop); ESRI (i.e. ArcGIS, ArcMap, ArcCatalog).

# GEO-ETKA, INC.

Established 1965

**Soil Engineering and Geology  
Material Testing and Inspections**



---

1801 East Heim Avenue, Suite 202, Orange, California 92865 • Phone (714) 771-6911 • Email: [geoetka@aol.com](mailto:geoetka@aol.com)

October 13, 2022

Updated December 20, 2022

Balbas Construction, Inc.  
3189 Airway Avenue, Unit D  
Costa Mesa, California 92626

Attention: Mr. Job Balbas:

Subject: Soil Sample Test Results for Total Petroleum Hydrocarbons  
(gasoline and diesel range) and Lead  
Geo-Etka, Inc. Project No.: FP-11936-22

Project: Proposed Fitness Mania,  
2895 South Main Street, Corona, California.

Reference: Geo-Etka, Inc., "Preliminary Soil Investigation Report, Proposed  
Fitness Mania, 2895 South Main Street, Corona, California."  
Project Number: FP-11936-22, Report Dated December 20, 2022.

Dear Mr. Balbas,

As requested, this report was prepared in response to the Phase I ESA recommendations to determine if the former aboveground storage tank contained petroleum hydrocarbons (gasoline or diesel). As directed two soil samples were collected on September 29, 2022 from the upper 12 to 18 inches from the previously located above ground tank at the subject site (see Plate 1 for sample locations). According to the provided Site Plan prepared by Knitter Partners International, Inc. (Sheet A-0.01, December 1, 2022), the site is proposed for a two-story, gymnasium building for Fitness Mania. The previous location of the tank was pointed out to our field technicians by the owner's representative. The samples were placed in glass containers, sealed, labeled, and stored in an ice-cooled chest. The samples

were transported to E.S.B Environmental Laboratories in Riverside, California, a CalEPA/DHS certified Hazardous Waste Testing Laboratory. Chain of custody document is included rear of test results. The testing was conducted in general accordance of EPA 8015 series and EPA SW846. The test results are attached and summarized below

Sample	Test Method	Results (mg/kg)	Reportable Detection Limit (mg/kg)	PRG or Soil Screening Level (mg/kg)
E-5 TPHdiesel (C10-28)	EPA 8015	57	20	1000
E-5 TPHdiesel (C29-C44)	EPA 8015	120	20	10000
E-5 TPHgas	EPA 8015	ND	5	1000
E-5 lead	EPA SW846	11	2	150/800*

\*PRG-residential/PRG-commercial industrial

PRG: Preliminary Remediation Goal

Sample	Test Method	Results (mg/kg)	Reportable Detection Limit (mg/kg)	PRG or Soil Screening Level (mg/kg)
E-6 TPHdiesel (C10-28)	EPA 8015	25	20	1000
E-6 TPHdiesel (C29-C44)	EPA 8015	83	20	10000
E-6 TPHgas	EPA 8015	ND	5	1000
E-6 lead	EPA SW846	17	2	150/800*

\*PRG-residential/PRG-commercial industrial

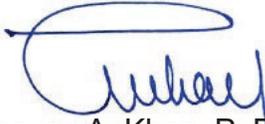
PRG: Preliminary Remediation Goal

The above test results show that detected concentration were well below the action levels promulgated by EPA. The levels of these substances in onsite surficial soils are considered within acceptable risk range when compared to available information from EPA. Nevertheless, we recommend placing existing surficial soils (upper 12 inches) in bottom of deeper fill areas during grading.

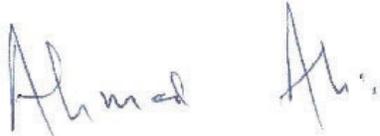
Our findings, and conclusions are normally limited to the samples collected and the area immediately surrounded each sample collection point. The work was performed in accordance with professional practices and standards currently accepted in the industry at the time our work was completed. No other warranty is either expressed or implied.

Questions, if any, regarding this report should be directed to our office.

Respectfully submitted,  
**GEO-ETKA, INC.**



Ghayas A. Khan, P. E.  
Civil Engineer, C-038344  
Expires 3-31-23



Ahmed Ali, President  
MS, REA

Attachment Laboratory Test Results  
Plate 1, Sample Location Map

**EXPLORATORY BOREHOLE LOCATION MAP**  
 PRELIMINARY SOIL INVESTIGATION REPORT  
 2885 S. MAIN STREET  
 CORONA, CALIFORNIA

PREPARED BY: GEOETKA, INC.	DATE: DECEMBER 2022	DRAWN BY: AM	CHECKED BY: HMN	PROJECT NO.:PP-11956-22	PLATE 1
				SCALE: 1" = 20' (N.T.S.)	

LEGEND:  
 E-6 ENVIRONMENTAL BULK SAMPLE  
 ALL LOCATIONS ARE APPROXIMATE





# BABCOCK Laboratories, Inc.

*The Standard of Excellence for Over 100 Years*

Client Name: Geo-Etka, inc.  
Contact: Ahmed Ali  
Address:

Analytical Report: Page 1 of 8  
Project Name: No Project  
Project Number: 2895 S. Maint St. Corona

Report Date: 13-Oct-2022

**Work Order Number: C2I3488**  
Received on Ice (Y/N): Yes Temp: 9 °C

Attached is the analytical report for the sample(s) received for your project. Below is a list of the individual sample descriptions with the corresponding laboratory number(s). Also, enclosed is a copy of the Chain of Custody document (if received with your sample(s)). Please note any unused portion of the sample(s) may be responsibly discarded after 30 days from the above report date, unless you have requested otherwise.

Thank you for the opportunity to serve your analytical needs. If you have any questions or concerns regarding this report please contact our client service department.

### Sample Identification

<u>Lab Sample #</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>By</u>	<u>Date Submitted</u>	<u>By</u>
C2I3488-01	E-5	Solid	09/29/22 9:23	Haytham Nabilsi	09/29/22 11:07	Serene Nabilsi
C2I3488-02	E-6	Solid	09/29/22 9:38	Haytham Nabilsi	09/29/22 11:07	Serene Nabilsi



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

Client Name: Geo-Etka, inc.  
 Contact: Ahmed Ali  
 Address:

Analytical Report: Page 2 of 8  
 Project Name: No Project  
 Project Number: 2895 S. Maint St. Corona

Report Date: 13-Oct-2022

**Work Order Number: C213488**  
 Received on Ice (Y/N): Yes Temp: 9 °C

Laboratory Reference Number

**C213488-01**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
E-5	Solid	09/29/22 09:23	09/29/22 11:07

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Metals and Metalloids; EPA SW846 Series							
Lead	11	2.0	mg/kg	EPA 6020	10/07/22 10:40	TJK	
Diesel Range Organics by EPA 8015							
DRO (C10-C28)	57	20	mg/kg	EPA 8015B	10/11/22 13:42	NAA	NHCno
ORO (C29-C44)	120	20	mg/kg	EPA 8015B	10/11/22 13:42	NAA	
Surrogate: o-Terphenyl	79%	10-142		EPA 8015B	10/11/22 13:42	NAA	
Surrogate: n-Triacontane	118%	10-118		EPA 8015B	10/11/22 13:42	NAA	
Gasoline Range Organics by EPA 8015							
Gasoline Range Organics	ND	5.0	mg/kg	EPA 8015B	10/06/22 19:42	JES	
Surrogate: a,a,a-Trifluorotoluene	84%	70-121		EPA 8015B	10/06/22 19:42	JES	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

Client Name: Geo-Etka, inc.  
 Contact: Ahmed Ali  
 Address:

Analytical Report: Page 3 of 8  
 Project Name: No Project  
 Project Number: 2895 S. Maint St. Corona

Report Date: 13-Oct-2022

**Work Order Number: C213488**  
 Received on Ice (Y/N): Yes Temp: 9 °C

Laboratory Reference Number

**C213488-02**

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
E-6	Solid	09/29/22 09:38	09/29/22 11:07

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Metals and Metalloids; EPA SW846 Series							
Lead	17	2.0	mg/kg	EPA 6020	10/07/22 10:42	TJK	
Diesel Range Organics by EPA 8015							
DRO (C10-C28)	25	10	mg/kg	EPA 8015B	10/10/22 21:18	NAA	NHCno
ORO (C29-C44)	83	10	mg/kg	EPA 8015B	10/10/22 21:18	NAA	
Surrogate: <i>o</i> -Terphenyl	89%	10-142		EPA 8015B	10/10/22 21:18	NAA	
Surrogate: <i>n</i> -Triacontane	110%	10-118		EPA 8015B	10/10/22 21:18	NAA	
Gasoline Range Organics by EPA 8015							
Gasoline Range Organics	ND	5.0	mg/kg	EPA 8015B	10/06/22 20:11	JES	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	85%	70-121		EPA 8015B	10/06/22 20:11	JES	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

Client Name: Geo-Etka, inc.  
 Contact: Ahmed Ali  
 Address:

Analytical Report: Page 4 of 8  
 Project Name: No Project  
 Project Number: 2895 S. Maint St. Corona

Report Date: 13-Oct-2022

**Work Order Number: C2I3488**  
 Received on Ice (Y/N): Yes Temp: 9 °C

**Metals and Metalloids; EPA SW846 Series - Batch Quality Control**

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 2J03011 - EPA 3050B</b>										
<b>Blank (2J03011-BLK1)</b>				Prepared: 10/04/22 Analyzed: 10/07/22						
Lead	ND	2.0	mg/kg							
<b>LCS (2J03011-BS1)</b>				Prepared: 10/04/22 Analyzed: 10/07/22						
Lead	212	2.0	mg/kg	200		106	82-124			
<b>Duplicate (2J03011-DUP1)</b>				<b>Source: C2I3488-01</b> Prepared: 10/04/22 Analyzed: 10/07/22						
Lead	12.0	2.0	mg/kg		10.6			12	20	
<b>Duplicate (2J03011-DUP2)</b>				<b>Source: C2I3488-01</b> Prepared: 10/04/22 Analyzed: 10/07/22						
Lead	12.0	10	mg/kg		10.6			12	20	
<b>Matrix Spike (2J03011-MS1)</b>				<b>Source: C2I3488-01</b> Prepared: 10/04/22 Analyzed: 10/07/22						
Lead	213	2.0	mg/kg	200	10.6	101	60-126			
<b>Matrix Spike Dup (2J03011-MSD1)</b>				<b>Source: C2I3488-01</b> Prepared: 10/04/22 Analyzed: 10/07/22						
Lead	194	2.0	mg/kg	200	10.6	92	60-126	9	20	



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

Client Name: Geo-Etka, inc.  
 Contact: Ahmed Ali  
 Address:

Analytical Report: Page 5 of 8  
 Project Name: No Project  
 Project Number: 2895 S. Maint St. Corona

Report Date: 13-Oct-2022

**Work Order Number: C2I3488**  
 Received on Ice (Y/N): Yes Temp: 9 °C

**Diesel Range Organics by EPA 8015 - Batch Quality Control**

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 2J10035 - Solvent Extraction</b>										
<b>Blank (2J10035-BLK1)</b>				Prepared & Analyzed: 10/10/22						
DRO (C10-C28)	ND	10	mg/kg							
ORO (C29-C44)	ND	10	mg/kg							
Surrogate: o-Terphenyl	1.4		mg/kg	1.88		77	10-142			
Surrogate: n-Triacontane	2.1		mg/kg	2.75		77	10-118			
<b>LCS (2J10035-BS1)</b>				Prepared & Analyzed: 10/10/22						
DRO (C10-C28)	35.2	10	mg/kg	40.0		88	49-111			
ORO (C29-C44)	36.3	10	mg/kg	40.0		91	46-108			
Surrogate: o-Terphenyl	1.7		mg/kg	1.88		91	10-142			
Surrogate: n-Triacontane	2.5		mg/kg	2.75		91	10-118			
<b>Matrix Spike (2J10035-MS1)</b>				Source: C2I3488-01		Prepared: 10/10/22 Analyzed: 10/11/22				
DRO (C10-C28)	85.1	20	mg/kg	40.0	56.7	71	10-154			
ORO (C29-C44)	151	20	mg/kg	40.0	118	82	10-185			
Surrogate: o-Terphenyl	1.7		mg/kg	1.88		90	10-142			
Surrogate: n-Triacontane	4.0		mg/kg	2.75		144	10-118			QSint
<b>Matrix Spike Dup (2J10035-MSD1)</b>				Source: C2I3488-01		Prepared: 10/10/22 Analyzed: 10/11/22				
DRO (C10-C28)	69.1	20	mg/kg	40.0	56.7	31	10-154	21	40	
ORO (C29-C44)	122	20	mg/kg	40.0	118	10	10-185	21	40	
Surrogate: o-Terphenyl	1.7		mg/kg	1.88		90	10-142			
Surrogate: n-Triacontane	3.4		mg/kg	2.75		122	10-118			QSint



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

Client Name: Geo-Etka, inc.  
 Contact: Ahmed Ali  
 Address:

Analytical Report: Page 6 of 8  
 Project Name: No Project  
 Project Number: 2895 S. Maint St. Corona

Report Date: 13-Oct-2022

**Work Order Number: C2I3488**  
 Received on Ice (Y/N): Yes Temp: 9 °C

**Gasoline Range Organics by EPA 8015 - Batch Quality Control**

Analyte(s)	Result	RDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Flag
<b>Batch 2J06032 - Purge and Trap</b>										
<b>Blank (2J06032-BLK1)</b> Prepared & Analyzed: 10/06/22										
Gasoline Range Organics	ND	5.0	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	9.3		mg/kg	10.8		86	70-121			
<b>LCS (2J06032-BS1)</b> Prepared & Analyzed: 10/06/22										
Gasoline Range Organics	48.1	5.0	mg/kg	50.0		96	70-130			
Surrogate: a,a,a-Trifluorotoluene	9.7		mg/kg	10.8		90	70-121			
<b>LCS Dup (2J06032-BSD1)</b> Prepared & Analyzed: 10/06/22										
Gasoline Range Organics	47.0	5.0	mg/kg	50.0		94	70-130	2	40	
Surrogate: a,a,a-Trifluorotoluene	9.6		mg/kg	10.8		90	70-121			
<b>Matrix Spike (2J06032-MS1)</b> Source: C2I3488-01 Prepared & Analyzed: 10/06/22										
Gasoline Range Organics	42.4	5.0	mg/kg	50.0	ND	85	12-163			
Surrogate: a,a,a-Trifluorotoluene	9.4		mg/kg	10.8		87	70-121			
<b>Matrix Spike Dup (2J06032-MSD1)</b> Source: C2I3488-01 Prepared & Analyzed: 10/06/22										
Gasoline Range Organics	42.2	5.0	mg/kg	50.0	ND	84	12-163	0.5	40	
Surrogate: a,a,a-Trifluorotoluene	9.4		mg/kg	10.8		88	70-121			



**BABCOCK Laboratories, Inc.**  
*The Standard of Excellence for Over 100 Years*

Client Name: Geo-Etka, inc.  
Contact: Ahmed Ali  
Address:

Analytical Report: Page 7 of 8  
Project Name: No Project  
Project Number: 2895 S. Maint St. Corona

Report Date: 13-Oct-2022

**Work Order Number: C213488**  
Received on Ice (Y/N): Yes Temp: 9 °C

**Notes and Definitions**

- NHCno The sample chromatographic pattern does NOT resemble the fuel standard used for quantitation.
- QSint Due to matrix interference, the surrogate recovery for this QC sample cannot be accurately quantified or does not meet laboratory acceptance limits.
- ND: Analyte NOT DETECTED at or above the Method Detection Limit (**if MDL is reported**), otherwise at or above the Reportable Detection Limit (RDL)
- NR: Not Reported
- RDL: Reportable Detection Limit
- MDL: Method Detection Limit

\* / (Non-NELAP): NELAP does not offer accreditation for this analyte/method/matrix combination

**Approval**

Enclosed are the analytical results for the submitted sample(s). Babcock Laboratories certify the data presented as part of this report meet the minimum quality standards in the referenced analytical methods. Any exceptions have been noted.

Cindy A. Waddell

cc:

e-Standard\_No Alias.rpt

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Client Name: Geo-Etka, Inc.  
Contact: Ahmed Ali  
Address:

Analytical Report: Page 8 of 8  
Project Name: No Project  
Project Number: 2895 S. Maint St. Corona

Report Date: 13-Oct-2022

**Work Order Number: C2I3488**  
Received on Ice (Y/N): Yes Temp: 9 °C



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**Chain of Custody & Sample Information Record**

Client: <u>GEOMAT TESTING LABS</u>		Contact: <u>AHMAD ALI</u>		Fax No.		Additional Reporting Requests															
Phone No: <u>714-771-6911/451-688-5400</u>		email: <u>ahmad@geomatlabs.com</u>				<input type="checkbox"/> Include QC Data Package: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> FAX Results: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Email Results: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> State EDT: <input type="checkbox"/> Yes <input type="checkbox"/> No (Include Source Number in Notes)															
Project Name: <u>2895 S. MAIN ST</u>		Turn Around Time: Routine *72 Hour Rush *48 Hour Rush *24 Hour Rush																			
Project Location: <u>CORONA</u>		*Lab TAT Approval:		By: <u>HAITHAM NABILSI</u>		*Additional Charges Apply															
Sampler Information		# of Containers & Preservatives						Sample Type	Analysis Requested	Matrix	Notes										
Name: <u>HAITHAM NABILSI</u>		Unpreserved	H <sub>2</sub> SO <sub>4</sub>	HCl	HNO <sub>3</sub>	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	NaOH	NaOH/Zn Acetate	NH <sub>4</sub> Cl	MCAA	Total # of Containers	Routine	Resample	Special	TPH	LEAD	DW = Drinking Water WW = Waste Water GW = Ground Water S = Soil SG = Sludge L = Liquid M = Miscellaneous				
Employer: <u>GEOMETRA</u>																				Signature: <u>Haitham Nabilsi</u>	
Sample ID	Date	Time																			
<u>E-5</u>	<u>9/29/22</u>	<u>9:23</u>																			<u>CONTACT</u>
<u>E-6</u>	<u>9/29/22</u>	<u>9:38</u>																			<u>CINDY WADDELL</u>
Relinquished By (sign)		Print Name / Company		Date / Time		Received By (sign)		Print Name / Company													
<u>Serene Nabilsi</u>		<u>Serene Nabilsi</u>		<u>9-29-22 11A</u>		<u>Haitham Nabilsi</u>		<u>Haitham Nabilsi</u>													
(For Lab Use Only)		Sample Integrity Upon Receipt						Lab Notes													
Sample(s) Submitted on Ice?		<input checked="" type="radio"/> Yes	No	Temperature		<u>9 °C</u>															
Custody Seal(s) Intact?		<input checked="" type="radio"/> Yes	No	<input checked="" type="checkbox"/> Cooler Blank																	
Sample(s) Intact?		<input checked="" type="radio"/> Yes	No																		

**C2I3488**  
Rct'd: 09/29/2022 11:07  
JLI1

Rev: 1/07

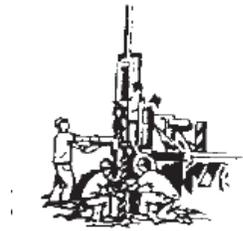
# Appendix 5: LID Infeasibility

*LID Technical Infeasibility Analysis*

# **GEO-ETKA, INC.**

Established 1965

**Soil Engineering and Geology  
Material Testing and Inspections**



---

1801 East Heim Avenue, Suite 202, Orange, California 92865 • Phone (714) 771-6911 • Email: [geoetka@aol.com](mailto:geoetka@aol.com)

## **PRELIMINARY SOIL INVESTIGATION REPORT**

**FOR**

**PROPOSED COMMERCIAL BUILDINGS  
2895 SOUTH MAIN STREET  
CORNER OF CHASE DRIVE  
CORONA, CALIFORNIA 92881**

**FOR**

**BALBAS CONSTRUCTION, INC.  
ATTN: MR. JOE BALBAS  
3189 AIRWAY AVENUE, UNIT D  
COSTA MESA, CALIFORNIA 92626**

Date: February 28, 2022  
Project No: FP-11936-22

### 3.6 **PAVEMENT RECOMMENDATIONS**

#### 3.6.1 Subgrade Preparation

The pavement subgrade should be overexcavated/processed to provide at least 18-inches of compacted subgrade soil below the proposed pavement structural section. The subgrade for pavement support must be firm, unyielding, and uniform with no abrupt horizontal changes in degree of support. The subgrade soil should be uniform materials and density. Soft spots, if encountered, should be excavated and recompacted with the same type of soil as found in adjacent subgrade.

#### 3.6.2 Aggregate Base

The aggregate base should conform to Caltrans Class 2 Aggregate Base or the Standard Specifications for Public Works for Crushed Miscellaneous Base, should be firm and unyielding, and without pumping conditions prior to placement of pavement. Aggregate base should be compacted to at least 95 percent of the maximum dry density as determined by ASTM D1557.

#### 3.6.3 Flexible Pavement Design

The following recommended pavement section is based on the following assumed Traffic Index and R-value. The minimum recommended asphalt concrete (AC) pavement thickness is as follows:

Pavement Use	Assumed Traffic Index (TI)	R-Value (Assumed)	Minimum Recommended Pavement Section	
			AC	AB
Light Duty	4	40	2.5"	4.0"
Heavy Duty	6	40	3.5"	5.5"

AC: Asphalt Concrete, AB: Aggregate Base.

Final pavement design recommendations should be based on laboratory test results of representative pavement subgrade soils upon the completion of rough grading.

### 3.7 **STORMWATER INFILTRATION**

Infiltration testing was conducted utilizing the double ring infiltration test method at a depth of approximately 12 inches below existing ground surface. The infiltration testing was performed in general accordance with the guidelines published in the Riverside County Design Handbook for Low Impact Development Best Management Practices, Infiltration Testing Guidelines. The following table summarizes the result of the infiltration feasibility study. Refer to Appendix F for field infiltration test data.

Test No.	Test Depth Below Ground Surface	Adjusted Infiltration Rate (in/hr)
P-1	12"	0.39
P-2	12"	0.78

The raw percolation rate is the rate of water infiltration in the horizontal and vertical direction. This percolation rate is adjusted using the "Porchet Method" to obtain the adjusted water infiltration rate in the vertical direction only.

Long-term infiltration rates may be reduced significantly by factors such as soil variability and inaccuracy in the infiltration rate measurement. Safety factors for operating the system, maintenance, siltation, biofouling, etc. should also be considered by the design civil engineer at his discretion.

Infiltration rate is too low. Infiltration BMP not feasible.  
 Bioretention BMP proposed

# Appendix 6: BMP Design Details

*BMP Sizing, Design Details and other Supporting Documentation*



Bioretention Facility - Design Procedure		BMP ID 1-1	Legend:	Required Entries	
				Calculated Cells	
Company Name:	ITF & Associates, Inc.		Date:	2/28/2023	
Designed by:	Jeff Tsalyuk		County/City Case No.:		
Design Volume					
Enter the area tributary to this feature			$A_T =$	1.48	acres
Enter $V_{BMP}$ determined from Section 2.1 of this Handbook			$V_{BMP} =$	3,716	ft <sup>3</sup>
Type of Bioretention Facility Design					
<input type="radio"/> Side slopes required (parallel to parking spaces or adjacent to walkways) <input checked="" type="radio"/> No side slopes required (perpendicular to parking space or Planter Boxes)					
Bioretention Facility Surface Area					
Depth of Soil Filter Media Layer			$d_S =$	3.0	ft
Top Width of Bioretention Facility, excluding curb			$w_T =$	21.0	ft
Total Effective Depth, $d_E$					
$d_E = [(0.3) \times d_S + (0.4) \times 1] + 0.5$			$d_E =$	1.80	ft
Minimum Surface Area, $A_m$					
$A_M (ft^2) = \frac{V_{BMP} (ft^3)}{d_E (ft)}$			$A_M =$	2,065	ft <sup>2</sup>
Proposed Surface Area			$A =$	2,262	ft <sup>2</sup>
Minimum Required Length of Bioretention Facility, L			$L =$	98.3	ft
Bioretention Facility Properties					
Side Slopes in Bioretention Facility			$z =$		:1
Diameter of Underdrain					inches
Longitudinal Slope of Site (3% maximum)					%
6" Check Dam Spacing					feet
Describe Vegetation:					
Notes:					



Bioretention Facility - Design Procedure		BMP ID 1-2	Legend:	Required Entries
				Calculated Cells
Company Name:	ITF & Associates, Inc.		Date:	2/23/2023
Designed by:	Jeff Tsalyuk		County/City Case No.:	
Design Volume				
Enter the area tributary to this feature			$A_T =$	0.37 acres
Enter $V_{BMP}$ determined from Section 2.1 of this Handbook			$V_{BMP} =$	927 ft <sup>3</sup>
Type of Bioretention Facility Design				
<input type="radio"/> Side slopes required (parallel to parking spaces or adjacent to walkways) <input checked="" type="radio"/> No side slopes required (perpendicular to parking space or Planter Boxes)				
Bioretention Facility Surface Area				
Depth of Soil Filter Media Layer			$d_S =$	3.0 ft
Top Width of Bioretention Facility, excluding curb			$w_T =$	4.0 ft
Total Effective Depth, $d_E$				
$d_E = [(0.3) \times d_S + (0.4) \times 1] + 0.5$			$d_E =$	1.80 ft
Minimum Surface Area, $A_m$				
$A_M (ft^2) = \frac{V_{BMP} (ft^3)}{d_E (ft)}$			$A_M =$	515 ft <sup>2</sup>
Proposed Surface Area			$A =$	872 ft <sup>2</sup>
Minimum Required Length of Bioretention Facility, L			$L =$	128.8 ft
Bioretention Facility Properties				
Side Slopes in Bioretention Facility			$z =$	:1
Diameter of Underdrain				inches
Longitudinal Slope of Site (3% maximum)				%
6" Check Dam Spacing				feet
Describe Vegetation:				
Notes:				



Bioretention Facility - Design Procedure		BMP ID 1-3	Legend:	Required Entries
				Calculated Cells
Company Name:	ITF & Associates, Inc.		Date:	2/28/2023
Designed by:	Jeff Tsalyuk		County/City Case No.:	
Design Volume				
Enter the area tributary to this feature			$A_T =$	1.34 acres
Enter $V_{BMP}$ determined from Section 2.1 of this Handbook			$V_{BMP} =$	2,856 ft <sup>3</sup>
Type of Bioretention Facility Design				
<input checked="" type="radio"/> Side slopes required (parallel to parking spaces or adjacent to walkways) <input type="radio"/> No side slopes required (perpendicular to parking space or Planter Boxes)				
Bioretention Facility Surface Area				
Depth of Soil Filter Media Layer			$d_S =$	3.0 ft
Top Width of Bioretention Facility, excluding curb			$w_T =$	10.0 ft
Total Effective Depth, $d_E$ $d_E = (0.3) \times d_S + (0.4) \times 1 - (0.7/w_T) + 0.5$			$d_E =$	1.73 ft
Minimum Surface Area, $A_m$ $A_M (ft^2) = \frac{V_{BMP} (ft^3)}{d_E (ft)}$			$A_M =$	1,651 ft <sup>2</sup>
Proposed Surface Area			$A =$	1,730 ft <sup>2</sup>
Bioretention Facility Properties				
Side Slopes in Bioretention Facility			$z =$	:1
Diameter of Underdrain				inches
Longitudinal Slope of Site (3% maximum)				%
6" Check Dam Spacing				feet
Describe Vegetation:				
Notes:				



Bioretention Facility - Design Procedure		BMP ID 1-4	Legend:	Required Entries
				Calculated Cells
Company Name:	ITF & Associates, Inc.		Date:	2/28/2023
Designed by:	Jeff Tsalyuk		County/City Case No.:	
Design Volume				
Enter the area tributary to this feature			$A_T =$	1.06 acres
Enter $V_{BMP}$ determined from Section 2.1 of this Handbook			$V_{BMP} =$	2,802 ft <sup>3</sup>
Type of Bioretention Facility Design				
<input type="radio"/> Side slopes required (parallel to parking spaces or adjacent to walkways) <input checked="" type="radio"/> No side slopes required (perpendicular to parking space or Planter Boxes)				
Bioretention Facility Surface Area				
Depth of Soil Filter Media Layer			$d_S =$	3.0 ft
Top Width of Bioretention Facility, excluding curb			$w_T =$	3.0 ft
Total Effective Depth, $d_E$				
$d_E = [(0.3) \times d_S + (0.4) \times 1] + 0.5$			$d_E =$	1.80 ft
Minimum Surface Area, $A_m$				
$A_M (ft^2) = \frac{V_{BMP} (ft^3)}{d_E (ft)}$			$A_M =$	1,557 ft <sup>2</sup>
Proposed Surface Area			$A =$	1,617 ft <sup>2</sup>
Minimum Required Length of Bioretention Facility, L			$L =$	519.0 ft
Bioretention Facility Properties				
Side Slopes in Bioretention Facility			$z =$	:1
Diameter of Underdrain				inches
Longitudinal Slope of Site (3% maximum)				%
6" Check Dam Spacing				feet
Describe Vegetation:				
Notes:				

# Santa Ana Watershed - BMP Design Flow Rate, $Q_{BMP}$

Legend:

Required Entries

Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name ITF & Associates, Inc.

Date 2/20/2023

Designed by Jeff Tsalyuk

Case No

Company Project Number/Name

8842

## BMP Identification

BMP NAME / ID DMA2

*Must match Name/ID used on BMP Design Calculation Sheet*

## Design Rainfall Depth

Design Rainfall Intensity

I = 0.20 in/hr

## Drainage Management Area Tabulation

*Insert additional rows if needed to accommodate all DMAs draining to the BMP*

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type (use pull-down menu)	Effective Imperivous Fraction, $I_p$	DMA Runoff Factor	DMA Areas x Runoff Factor	Design Rainfall Intensity (in/hr)	Design Flow Rate (cfs)	Proposed Flow Rate (cfs)
DMA2a	11211	Concrete or Asphalt	1	0.89	10000.2			
DMA2b	2435	Natural (C Soil)	0.3	0.225166	548.3			
	13646				10548.5	0.20	0	0.2

Notes:

$$Q_{min} = 10548.5 \times 0.2 / 43,560 = 0.048 \text{ cfs}$$

## Santa Ana Watershed - BMP Design Flow Rate, $Q_{BMP}$

Legend:

Required Entries

Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name ITF & Associates, Inc.

Date 2/28/2023

Designed by Jeff Tsalyuk

Case No

Company Project Number/Name

8842

### BMP Identification

BMP NAME / ID DMA3

*Must match Name/ID used on BMP Design Calculation Sheet*

### Design Rainfall Depth

Design Rainfall Intensity

I = 0.20 in/hr

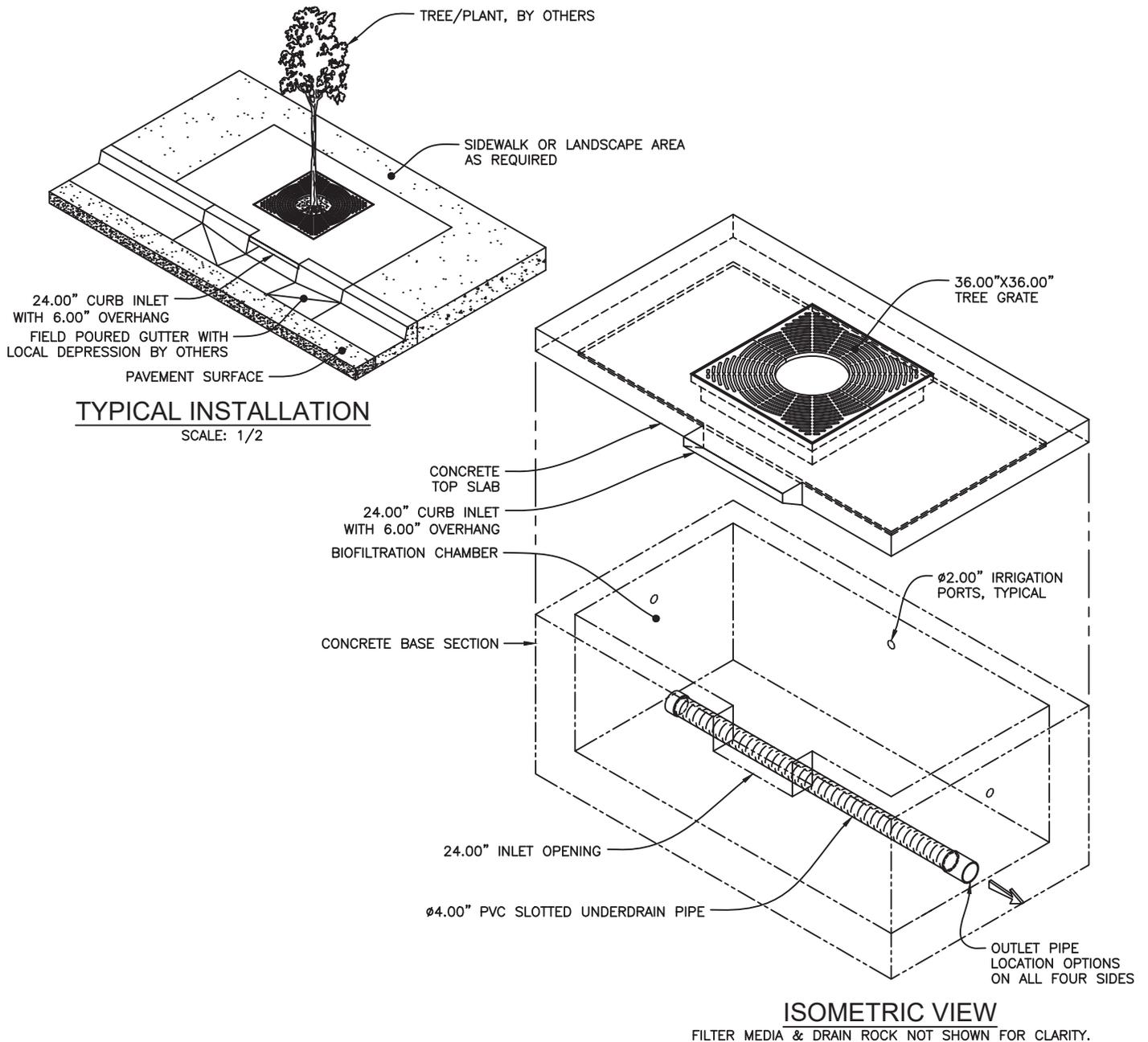
### Drainage Management Area Tabulation

*Insert additional rows if needed to accommodate all DMAs draining to the BMP*

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type (use pull-down menu)	Effective Imperivous Fraction, $I_p$	DMA Runoff Factor	DMA Areas x Runoff Factor	Design Rainfall Intensity (in/hr)	Design Flow Rate (cfs)	Proposed Flow Rate (cfs)
DMA3a	9302	Concrete or Asphalt	1	0.89	8297.4			
DMA3b	12730	Natural (B Soil)	0.15	0.141446	1800.6			
	22032		Total		10098	0.20	0	0.046

Notes:

$Q_{min} = 10098 \times 0.2 / 43560 = 0.046 \text{ cfs}$



NOTES:

1. RIGHT CONFIGURATION SHOWN, MIRROR LEFT CONFIGURATION ARE AVAILABLE TO ACCOMMODATE OTHER OUTLET PIPE LOCATIONS.
2. SEPARATE BYPASS STRUCTURE IS REQUIRED IF PEAK FLOW RATE EXCEEDS TREATMENT CAPACITY OF THE BioPod™.
3. CONTACT OLDCASTLE INFRASTRUCTURE™ FOR ENGINEERING ASSISTANCE AND DETAIL DRAWINGS.
4. CONCRETE COMPONENTS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C890 & C913.
5. VEGETATION BY OTHERS. CUSTOMER TO SPECIFY. INSTALLED AT TIME OF ACTIVATION. THE OWNER IS RESPONSIBLE FOR THE SURVIVAL OF THE VEGETATION AND MUST IRRIGATE AS NECESSARY.

US Patents Pending



Bioretention/  
Biofiltration

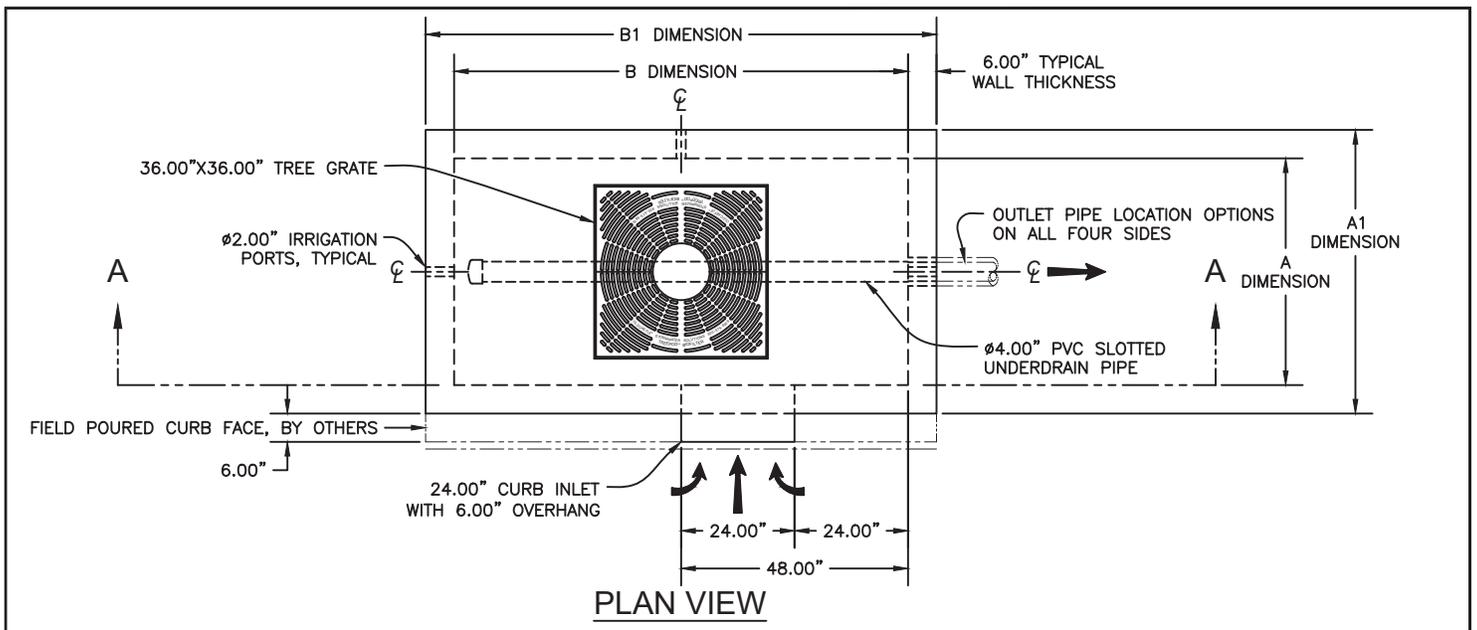
**BioPod™ Biofilter**  
**Tree - SoCal Sizing**  
**Side Inlet & External Bypass**



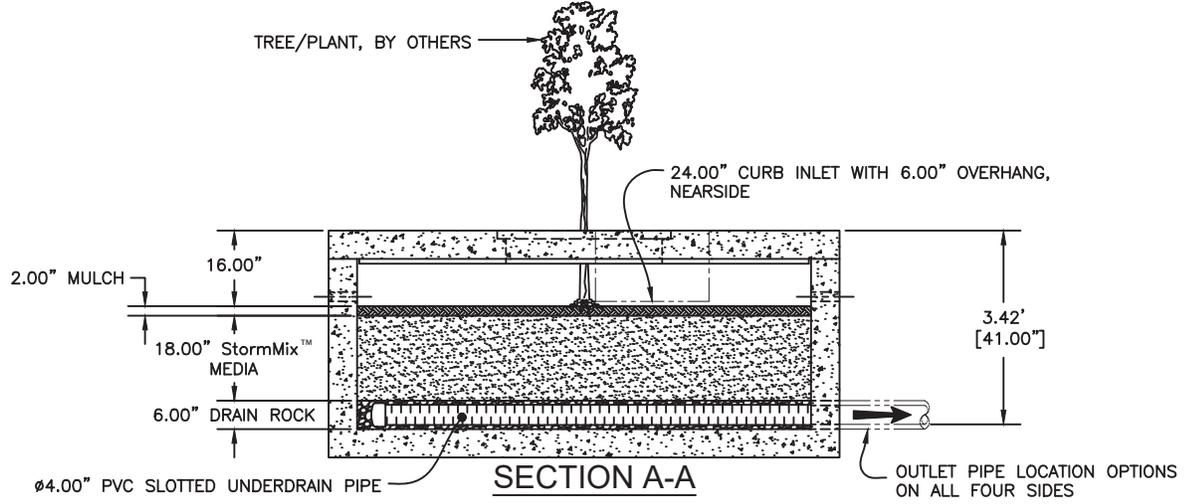
**Oldcastle Infrastructure™**  
A CRH COMPANY

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DRAWING NO. BPT-SI-SoCal	REV B	ECO ECO-0161 ARG 6/4/19	DATE PPS 6/4/19	SHEET 1 OF 2
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PLAN VIEW



SECTION A-A

MODEL	VAULT SIZE <sup>1</sup> (ID)		VAULT FOOTPRINT <sup>1</sup> (OD)		TREATMENT FLOW CAPACITY (GPM/CFS)	
	A DIM	B DIM	A1 DIM	B1 DIM	1.6 GPM/SF (WA GULD <sup>2</sup> )	1.8 GPM/SF (NJCAT <sup>3</sup> )
BPT-44-SI	4'	4'	5'	5'	25.6 / 0.057	28.8 / 0.064
BPT-46.5-SI	4'	6.5'	5'	7.5'	41.6 / 0.093	46.8 / 0.104
BPT-48-SI	4'	8'	5'	9'	51.2 / 0.114	57.6 / 0.128
BPT-413-SI	4'	13'	5'	14'	83.2 / 0.185	93.6 / 0.209
BPT-66-SI	6'	6'	7'	7'	57.6 / 0.128	64.8 / 0.144
BPT-68-SI	6'	8'	7'	9'	76.8 / 0.171	86.4 / 0.193
BPT-612-SI	6'	12'	7'	13'	115.2 / 0.257	129.6 / 0.289
BPT-88-SI	8'	8'	9'	9'	102.4 / 0.228	115.2 / 0.257
BPT-812-SI	8'	12'	9'	13'	153.6 / 0.342	172.8 / 0.385
BPT-816-SI	8'	16'	9'	17'	204.8 / 0.456	230.4 / 0.513

SITE SPECIFIC DATA				
Structure ID				
Model Size				
Orientation (Left or Right)				
Treatment Flow Rate (cfs)				
Peak Flow Rate (2 cfs max.)				
Rim Elevation				
Pipe Data	Pipe Location (Front or Side)	Pipe Size (15" max.)	Pipe Type	Invert Elevation*
Outlet				
* Invert Elevation is 3.5' below Rim Elevation.				
Notes:				

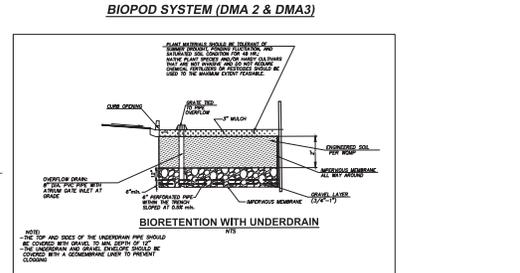
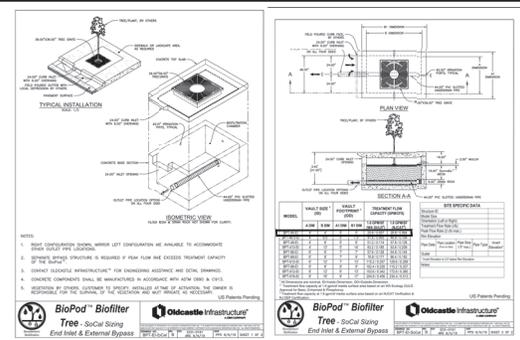
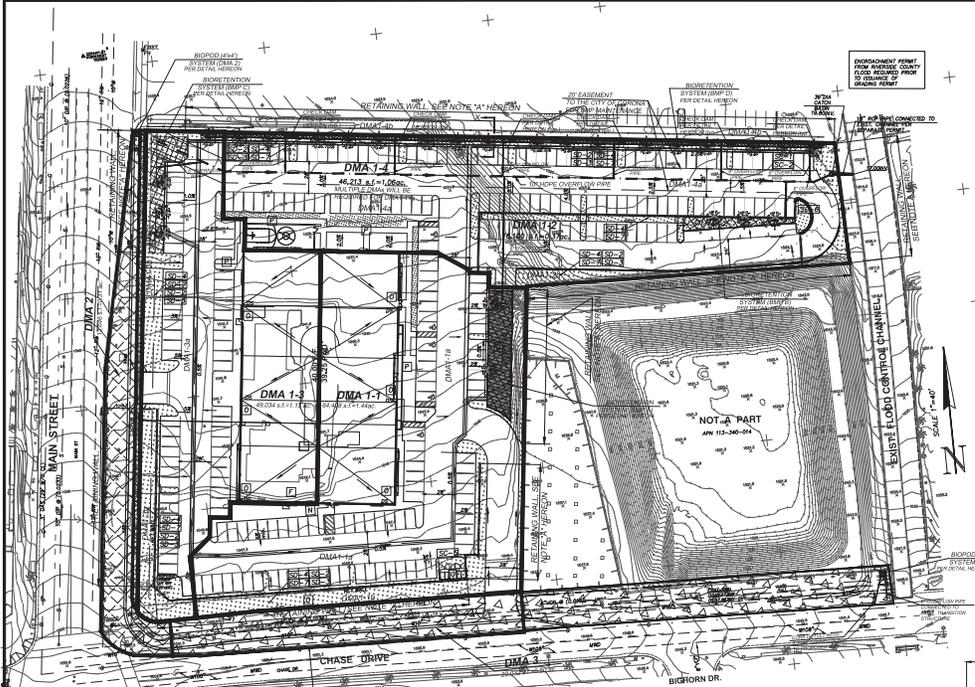
<sup>1</sup> All Dimensions are nominal, ID=Inside Dimension, OD=Outside Dimension.  
<sup>2</sup> Treatment flow capacity at 1.6 gpm/sf media surface area based on an WA Ecology GULD Approval for Basic, Enhanced & Phosphorus.  
<sup>3</sup> Treatment flow capacity at 1.8 gpm/sf media surface area based on an NJCAT Verification & NJ DEP Certification.

US Patents Pending



**BioPod™ Biofilter**  
**Tree - SoCal Sizing**  
**Side Inlet & External Bypass**

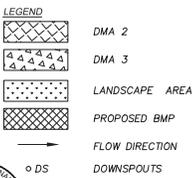
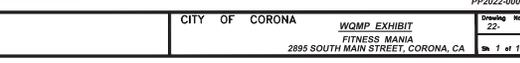




SOURCE CONTROL BMPs	
BMP ID	BMP DESCRIPTION
SC-1	PREVENT ILLICIT DISCHARGE INTO MS4 - ALL LANDSCAPE AREA (TYP.)
SC-2	STORM DRAIN STENCILING AND STORAGE - ALL CURB CUTS (TYP.)
SC-3	TRASH AND STORAGE AREAS
SC-4	ADDITIONAL BMPs BASED ON POTENTIAL SOURCES OR RUNOFF POLLUTANTS
A	ON-SITE STORM DRAIN INLETS
D	LANDSCAPE/OUTDOOR PESTICIDE USE
F	FOOD SERVICE
R	REFUSE AREA
DI	FIRE SPRINKLER TEST WATER
D	ROOFING, GUTTERS AND TRIM
P	PLAZA, SIDEWALKS AND PARKING LOTS

SITE DESIGN BMPs	
BMP ID	BMP DESCRIPTION
SD-1	CONSERVE NATURAL AREAS, SOILS AND VEGETATION
SD-2	MINIMIZE IMPERVIOUS AREAS
SD-3	MINIMIZE SOIL COMPACTION
SD-4	LANDSCAPE WITH NATIVE OR DROUGHT TOLERANT LANDSCAPING



DMA	IMPERVIOUS AREA (s.f.)	PERVIOUS AREA (s.f.)	TOTAL AREA (s.f.)	BMPs	PROPOSED VOLUME (c.f.)	AREA REQUIRED (s.f.)	AREA PROPOSED (s.f.)
DMA1-1	52,548	11,860	64,408	BMP A	3,716	2,965	2,262
DMA1-2	13,095	3,005	16,100	BMP B	927	515	872
DMA1-3	40,524	8,510	49,034	BMP C	2,856	1,651	1,730
DMA1-4	40,393	5,820	46,213	BMP D	2,802	1,557	1,617
TOTAL			175,755				
DMA2 (MAN)	11,211	2,435	13,646				BIOPOD
DMA3 (CHASE)	9,302	12,730	22,032				BIOPOD



# Appendix 7: Hydromodification

*Supporting Detail Relating to Hydrologic Conditions of Concern*

Potentially Susceptible

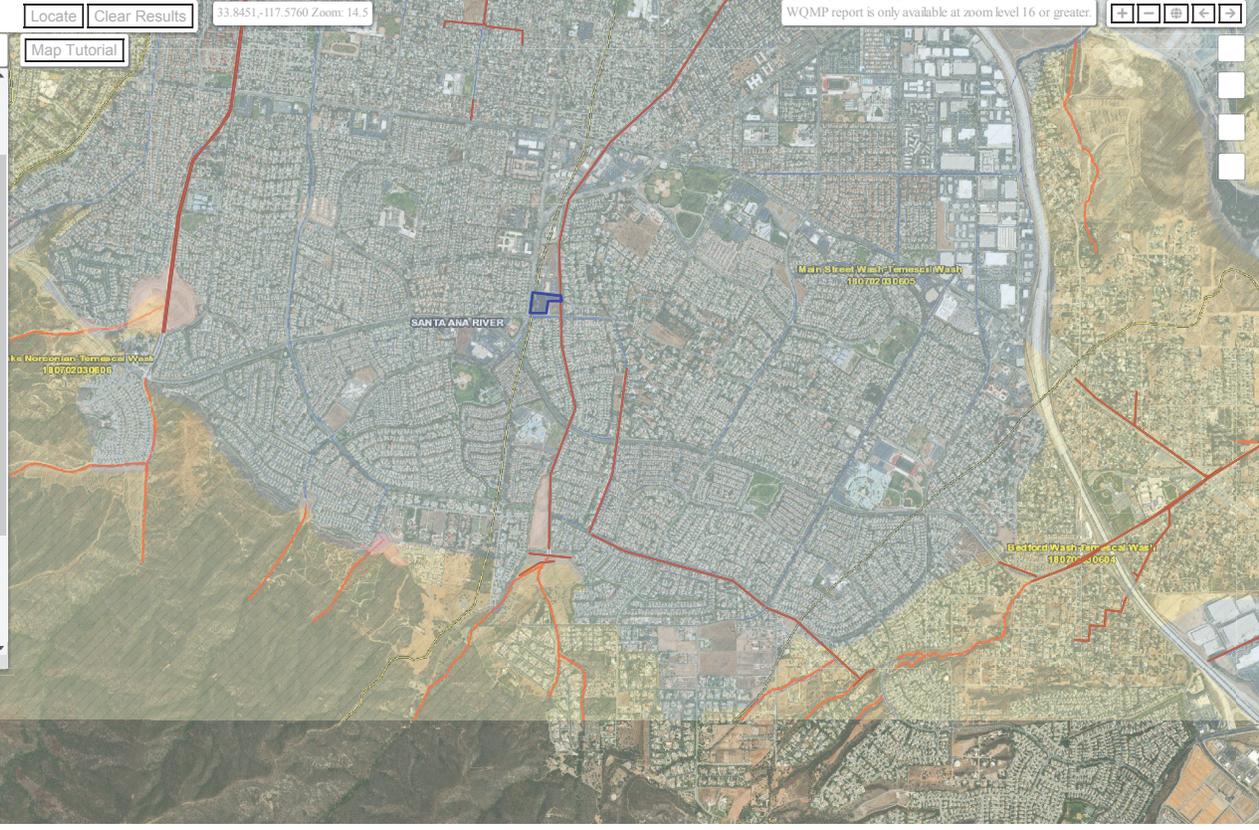
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- Hydromodification Exemption Areas [Metadata](#)
  - Potentially Not Exempt
  - Potentially Exempt
- District Facilities [Metadata](#)
  - District Facilities
  - Proposed Facilities
  -  Basin
  -  Detention Basin
  -  Retention Basin
  -  Debris Basin
  -  Dam
  -  Levee
  -  Spreading Ground
  -  Other
- Permit Areas [Metadata](#)
- Hydrologic Unit Codes (HUC) [Metadata](#)
- Topographic Drainage Boundary [Metadata](#)
- Drainage Area Boundaries [Metadata](#)
- City Storm Drains [Metadata](#)
- WQMP 85% Design Isohyetal Map [Metadata](#)
- CRP (Control Release Point) [Metadata](#)
- FEMA Floodplain [Metadata](#)
- Flood Plain - Other Special Studies [Metadata](#)
- As-Built Plans [Metadata](#)

▶ Groundwater Data

▶ Critical Coarse Sediment Yield Areas

▶ U.S. Fish and Wildlife Critical Habitat

▶ WRMSHCP Potential Survey Areas



# Appendix 8: Source Control

*Pollutant Sources/Source Control Checklist*

## STORMWATER POLLUTANT SOURCES/SOURCE CONTROL CHECKLIST

**How to use this worksheet (also see instructions in Section G of the WQMP Template):**

1. Review Column 1 and identify which of these potential sources of stormwater pollutants apply to your site. Check each box that applies.
2. Review Column 2 and incorporate all of the corresponding applicable BMPs in your WQMP Exhibit.
3. Review Columns 3 and 4 and incorporate all of the corresponding applicable permanent controls and operational BMPs in your WQMP. Use the format shown in Table G.1 on page 23 of this WQMP Template. Describe your specific BMPs in an accompanying narrative, and explain any special conditions or situations that required omitting BMPs or substituting alternative BMPs for those shown here.

IF THESE SOURCES WILL BE ON THE PROJECT SITE ...	... THEN YOUR WQMP SHOULD INCLUDE THESE SOURCE CONTROL BMPs, AS APPLICABLE		
1 Potential Sources of Runoff Pollutants	2 Permanent Controls—Show on WQMP Drawings	3 Permanent Controls—List in WQMP Table and Narrative	4 Operational BMPs—Include in WQMP Table and Narrative
<input checked="" type="checkbox"/> <b>A.</b> On-site storm drain inlets	<input type="checkbox"/> Locations of inlets.	<input type="checkbox"/> Mark all inlets with the words “Only Rain Down the Storm Drain” or similar. Catch Basin Markers may be available from the Riverside County Flood Control and Water Conservation District, call 951.955.1200 to verify.	<input type="checkbox"/> Maintain and periodically repaint or replace inlet markings. <input type="checkbox"/> Provide stormwater pollution prevention information to new site owners, lessees, or operators. <input type="checkbox"/> See applicable operational BMPs in Fact Sheet SC-44, “Drainage System Maintenance,” in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a> <input type="checkbox"/> Include the following in lease agreements: “Tenant shall not allow anyone to discharge anything to storm drains or to store or deposit materials so as to create a potential discharge to storm drains.”
<input type="checkbox"/> <b>B.</b> Interior floor drains and elevator shaft sump pumps		<input type="checkbox"/> State that interior floor drains and elevator shaft sump pumps will be plumbed to sanitary sewer.	<input type="checkbox"/> Inspect and maintain drains to prevent blockages and overflow.
<input type="checkbox"/> <b>C.</b> Interior parking garages		<input type="checkbox"/> State that parking garage floor drains will be plumbed to the sanitary sewer.	<input type="checkbox"/> Inspect and maintain drains to prevent blockages and overflow.

**STORMWATER POLLUTANT SOURCES/SOURCE CONTROL CHECKLIST**

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1 Potential Sources of Runoff Pollutants	2 Permanent Controls—Show on WQMP Drawings	3 Permanent Controls—List in WQMP Table and Narrative	4 Operational BMPs—Include in WQMP Table and Narrative
<input type="checkbox"/> <b>D1.</b> Need for future indoor & structural pest control		<input type="checkbox"/> Note building design features that discourage entry of pests.	<input type="checkbox"/> Provide Integrated Pest Management information to owners, lessees, and operators.
<input checked="" type="checkbox"/> <b>D2.</b> Landscape/ Outdoor Pesticide Use	<input type="checkbox"/> Show locations of native trees or areas of shrubs and ground cover to be undisturbed and retained. <input checked="" type="checkbox"/> Show self-retaining landscape areas, if any. <input type="checkbox"/> Show stormwater treatment and hydrograph modification management BMPs. (See instructions in Chapter 3, Step 5 and guidance in Chapter 5.)	State that final landscape plans will accomplish all of the following. <input type="checkbox"/> Preserve existing native trees, shrubs, and ground cover to the maximum extent possible. <input checked="" type="checkbox"/> Design landscaping to minimize irrigation and runoff, to promote surface infiltration where appropriate, and to minimize the use of fertilizers and pesticides that can contribute to stormwater pollution. <input type="checkbox"/> Where landscaped areas are used to retain or detain stormwater, specify plants that are tolerant of saturated soil conditions. <input type="checkbox"/> Consider using pest-resistant plants, especially adjacent to hardscape. <input checked="" type="checkbox"/> To insure successful establishment, select plants appropriate to site soils, slopes, climate, sun, wind, rain, land use, air movement, ecological consistency, and plant interactions.	<input checked="" type="checkbox"/> Maintain landscaping using minimum or no pesticides. <input checked="" type="checkbox"/> See applicable operational BMPs in “What you should know for.....Landscape and Gardening” at <a href="http://rcflood.org/stormwater/">http://rcflood.org/stormwater/</a> <input type="checkbox"/> Provide IPM information to new owners, lessees and operators.

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<input type="checkbox"/> <b>E.</b> Pools, spas, ponds, decorative fountains, and other water features.	<input type="checkbox"/> Show location of water feature and a sanitary sewer cleanout in an accessible area within 10 feet. (Exception: Public pools must be plumbed according to County Department of Environmental Health Guidelines.)	If the Co-Permittee requires pools to be plumbed to the sanitary sewer, place a note on the plans and state in the narrative that this connection will be made according to local requirements.	<input type="checkbox"/> See applicable operational BMPs in "Guidelines for Maintaining Your Swimming Pool, Jacuzzi and Garden Fountain" at <a href="http://rcflood.org/stormwater/">http://rcflood.org/stormwater/</a>
<input checked="" type="checkbox"/> <b>F.</b> Food service	<input type="checkbox"/> For restaurants, grocery stores, and other food service operations, show location (indoors or in a covered area outdoors) of a floor sink or other area for cleaning floor mats, containers, and equipment.  <input type="checkbox"/> On the drawing, show a note that this drain will be connected to a grease interceptor before discharging to the sanitary sewer.	<input type="checkbox"/> Describe the location and features of the designated cleaning area.  <input type="checkbox"/> Describe the items to be cleaned in this facility and how it has been sized to insure that the largest items can be accommodated.	<input type="checkbox"/> See the brochure, "The Food Service Industry Best Management Practices for: Restaurants, Grocery Stores, Delicatessens and Bakeries" at <a href="http://rcflood.org/stormwater/">http://rcflood.org/stormwater/</a>  <b>Provide this brochure to new site owners, lessees, and operators.</b>
<input checked="" type="checkbox"/> <b>G.</b> Refuse areas	<input type="checkbox"/> Show where site refuse and recycled materials will be handled and stored for pickup. See local municipal requirements for sizes and other details of refuse areas.  <input checked="" type="checkbox"/> If dumpsters or other receptacles are outdoors, show how the designated area will be covered, graded, and paved to prevent runoff and show locations of berms to prevent runoff from the area.  <input checked="" type="checkbox"/> Any drains from dumpsters, compactors, and tallow bin areas shall be connected to a grease removal device before discharge to sanitary sewer.	<input type="checkbox"/> State how site refuse will be handled and provide supporting detail to what is shown on plans.  <input type="checkbox"/> State that signs will be posted on or near dumpsters with the words "Do not dump hazardous materials here" or similar.	<input type="checkbox"/> State how the following will be implemented:  <b>Provide adequate number of receptacles. Inspect receptacles regularly; repair or replace leaky receptacles. Keep receptacles covered. Prohibit/prevent dumping of liquid or hazardous wastes. Post "no hazardous materials" signs. Inspect and pick up litter daily and clean up spills immediately. Keep spill control materials available on-site. See Fact Sheet SC-34, "Waste Handling and Disposal" in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a></b>

**STORMWATER POLLUTANT SOURCES/SOURCE CONTROL CHECKLIST**

<b>IF THESE SOURCES WILL BE ON THE PROJECT SITE ...</b>	<b>... THEN YOUR WQMP SHOULD INCLUDE THESE SOURCE CONTROL BMPs, AS APPLICABLE</b>		
<b>1 Potential Sources of Runoff Pollutants</b>	<b>2 Permanent Controls—Show on WQMP Drawings</b>	<b>3 Permanent Controls—List in WQMP Table and Narrative</b>	<b>4 Operational BMPs—Include in WQMP Table and Narrative</b>
<input type="checkbox"/> <b>H.</b> Industrial processes.	<input type="checkbox"/> Show process area.	<input type="checkbox"/> If industrial processes are to be located on site, state: "All process activities to be performed indoors. No processes to drain to exterior or to storm drain system."	<input type="checkbox"/> See Fact Sheet SC-10, "Non-Stormwater Discharges" in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>  See the brochure "Industrial & Commercial Facilities Best Management Practices for: Industrial, Commercial Facilities" at <a href="http://rcflood.org/stormwater/">http://rcflood.org/stormwater/</a>

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<b>1 Potential Sources of Runoff Pollutants</b>	<b>2 Permanent Controls—Show on WQMP Drawings</b>	<b>3 Permanent Controls—List in WQMP Table and Narrative</b>	<b>4 Operational BMPs—Include in WQMP Table and Narrative</b>
<input type="checkbox"/> I. Outdoor storage of equipment or materials. (See rows J and K for source control measures for vehicle cleaning, repair, and maintenance.)	<input type="checkbox"/> Show any outdoor storage areas, including how materials will be covered. Show how areas will be graded and bermed to prevent run-on or run-off from area. <input type="checkbox"/> Storage of non-hazardous liquids shall be covered by a roof and/or drain to the sanitary sewer system, and be contained by berms, dikes, liners, or vaults. <input type="checkbox"/> Storage of hazardous materials and wastes must be in compliance with the local hazardous materials ordinance and a Hazardous Materials Management Plan for the site.	<p>Include a detailed description of materials to be stored, storage areas, and structural features to prevent pollutants from entering storm drains.</p> <p>Where appropriate, reference documentation of compliance with the requirements of Hazardous Materials Programs for:</p> <ul style="list-style-type: none"> <li>▪ Hazardous Waste Generation</li> <li>▪ Hazardous Materials Release Response and Inventory</li> <li>▪ California Accidental Release (CalARP)</li> <li>▪ Aboveground Storage Tank</li> <li>▪ Uniform Fire Code Article 80 Section 103(b) &amp; (c) 1991</li> <li>▪ Underground Storage Tank</li> </ul> <p><a href="http://www.cchealth.org/groups/hazmat/">www.cchealth.org/groups/hazmat/</a></p>	<input type="checkbox"/> See the Fact Sheets SC-31, “Outdoor Liquid Container Storage” and SC-33, “Outdoor Storage of Raw Materials ” in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>

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<b>1 Potential Sources of Runoff Pollutants</b>	<b>2 Permanent Controls—Show on WQMP Drawings</b>	<b>3 Permanent Controls—List in WQMP Table and Narrative</b>	<b>4 Operational BMPs—Include in WQMP Table and Narrative</b>
<input type="checkbox"/> <b>J. Vehicle and Equipment Cleaning</b>	<input type="checkbox"/> Show on drawings as appropriate: (1) Commercial/industrial facilities having vehicle/equipment cleaning needs shall either provide a covered, bermed area for washing activities or discourage vehicle/equipment washing by removing hose bibs and installing signs prohibiting such uses. (2) Multi-dwelling complexes shall have a paved, bermed, and covered car wash area (unless car washing is prohibited on-site and hoses are provided with an automatic shut-off to discourage such use). (3) Washing areas for cars, vehicles, and equipment shall be paved, designed to prevent run-on to or runoff from the area, and plumbed to drain to the sanitary sewer. (4) Commercial car wash facilities shall be designed such that no runoff from the facility is discharged to the storm drain system. Wastewater from the facility shall discharge to the sanitary sewer, or a wastewater reclamation system shall be installed.	<input type="checkbox"/> If a car wash area is not provided, describe any measures taken to discourage on-site car washing and explain how these will be enforced.	Describe operational measures to implement the following (if applicable): <input type="checkbox"/> Washwater from vehicle and equipment washing operations shall not be discharged to the storm drain system. Refer to “Outdoor Cleaning Activities and Professional Mobile Service Providers” for many of the Potential Sources of Runoff Pollutants categories below. Brochure can be found at <a href="http://rcflood.org/stormwater/">http://rcflood.org/stormwater/</a> <input type="checkbox"/> Car dealerships and similar may rinse cars with water only.

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<input type="checkbox"/> <b>K. Vehicle/Equipment Repair and Maintenance</b>	<input type="checkbox"/> Accommodate all vehicle equipment repair and maintenance indoors. Or designate an outdoor work area and design the area to prevent run-on and runoff of stormwater.  <input type="checkbox"/> Show secondary containment for exterior work areas where motor oil, brake fluid, gasoline, diesel fuel, radiator fluid, acid-containing batteries or other hazardous materials or hazardous wastes are used or stored. Drains shall not be installed within the secondary containment areas.  <input type="checkbox"/> Add a note on the plans that states either (1) there are no floor drains, or (2) floor drains are connected to wastewater pretreatment systems prior to discharge to the sanitary sewer and an industrial waste discharge permit will be obtained.	<input type="checkbox"/> State that no vehicle repair or maintenance will be done outdoors, or else describe the required features of the outdoor work area.  <input type="checkbox"/> State that there are no floor drains or if there are floor drains, note the agency from which an industrial waste discharge permit will be obtained and that the design meets that agency's requirements.  <input type="checkbox"/> State that there are no tanks, containers or sinks to be used for parts cleaning or rinsing or, if there are, note the agency from which an industrial waste discharge permit will be obtained and that the design meets that agency's requirements.	<p>In the Stormwater Control Plan, note that all of the following restrictions apply to use the site:</p> <input type="checkbox"/> No person shall dispose of, nor permit the disposal, directly or indirectly of vehicle fluids, hazardous materials, or rinsewater from parts cleaning into storm drains.  <input type="checkbox"/> No vehicle fluid removal shall be performed outside a building, nor on asphalt or ground surfaces, whether inside or outside a building, except in such a manner as to ensure that any spilled fluid will be in an area of secondary containment. Leaking vehicle fluids shall be contained or drained from the vehicle immediately.  <input type="checkbox"/> No person shall leave unattended drip parts or other open containers containing vehicle fluid, unless such containers are in use or in an area of secondary containment.  Refer to "Automotive Maintenance & Car Care Best Management Practices for Auto Body Shops, Auto Repair Shops, Car Dealerships, Gas Stations and Fleet Service Operations". Brochure can be found at <a href="http://rcflood.org/stormwater/">http://rcflood.org/stormwater/</a>  Refer to Outdoor Cleaning Activities and Professional Mobile Service Providers for many of the Potential Sources of Runoff Pollutants categories below. Brochure can be found at <a href="http://rcflood.org/stormwater/">http://rcflood.org/stormwater/</a>

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<input type="checkbox"/> <b>L. Fuel Dispensing Areas</b>	<input type="checkbox"/> Fueling areas <sup>6</sup> shall have impermeable floors (i.e., portland cement concrete or equivalent smooth impervious surface) that are: a) graded at the minimum slope necessary to prevent ponding; and b) separated from the rest of the site by a grade break that prevents run-on of stormwater to the maximum extent practicable.  <input type="checkbox"/> Fueling areas shall be covered by a canopy that extends a minimum of ten feet in each direction from each pump. [Alternative: The fueling area must be covered and the cover's minimum dimensions must be equal to or greater than the area within the grade break or fuel dispensing area <sup>1</sup> .] The canopy [or cover] shall not drain onto the fueling area.		<input type="checkbox"/> The property owner shall dry sweep the fueling area routinely. <input type="checkbox"/> See the Fact Sheet SD-30 , “Fueling Areas” in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>

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<sup>6</sup> The fueling area shall be defined as the area extending a minimum of 6.5 feet from the corner of each fuel dispenser or the length at which the hose and nozzle assembly may be operated plus a minimum of one foot, whichever is greater.

**STORMWATER POLLUTANT SOURCES/SOURCE CONTROL CHECKLIST**

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<input type="checkbox"/> <b>M. Loading Docks</b>	<input type="checkbox"/> Show a preliminary design for the loading dock area, including roofing and drainage. Loading docks shall be covered and/or graded to minimize run-on to and runoff from the loading area. Roof downspouts shall be positioned to direct stormwater away from the loading area. Water from loading dock areas shall be drained to the sanitary sewer, or diverted and collected for ultimate discharge to the sanitary sewer.  <input type="checkbox"/> Loading dock areas draining directly to the sanitary sewer shall be equipped with a spill control valve or equivalent device, which shall be kept closed during periods of operation.  <input type="checkbox"/> Provide a roof overhang over the loading area or install door skirts (cowling) at each bay that enclose the end of the trailer.		<input type="checkbox"/> Move loaded and unloaded items indoors as soon as possible.  <input type="checkbox"/> See Fact Sheet SC-30, “Outdoor Loading and Unloading,” in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>

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<input checked="" type="checkbox"/> N. Fire Sprinkler Test Water		<input type="checkbox"/> Provide a means to drain fire sprinkler test water to the sanitary sewer.	<input type="checkbox"/> See the note in Fact Sheet SC-41, "Building and Grounds Maintenance," in the CASQA Stormwater Quality Handbooks at <a href="http://www.cabmphandbooks.com">www.cabmphandbooks.com</a>
<p>O. Miscellaneous Drain or Wash Water or Other Sources</p> <input type="checkbox"/> Boiler drain lines <input type="checkbox"/> Condensate drain lines <input type="checkbox"/> Rooftop equipment <input type="checkbox"/> Drainage sumps <input checked="" type="checkbox"/> Roofing, gutters, and trim. <input type="checkbox"/> Other sources		<input type="checkbox"/> Boiler drain lines shall be directly or indirectly connected to the sanitary sewer system and may not discharge to the storm drain system. <input type="checkbox"/> Condensate drain lines may discharge to landscaped areas if the flow is small enough that runoff will not occur. Condensate drain lines may not discharge to the storm drain system. <input checked="" type="checkbox"/> Rooftop equipment with potential to produce pollutants shall be roofed and/or have secondary containment. <input type="checkbox"/> Any drainage sumps on-site shall feature a sediment sump to reduce the quantity of sediment in pumped water. <input checked="" type="checkbox"/> Avoid roofing, gutters, and trim made of copper or other unprotected metals that may leach into runoff. Include controls for other sources as specified by local reviewer.	

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<input checked="" type="checkbox"/> P. Plazas, sidewalks, and parking lots.			<input checked="" type="checkbox"/> Sweep plazas, sidewalks, and parking lots regularly to prevent accumulation of litter and debris. Collect debris from pressure washing to prevent entry into the storm drain system. Collect washwater containing any cleaning agent or degreaser and discharge to the sanitary sewer not to a storm drain.

## Appendix 9: O&M

*Operation and Maintenance Plan and Documentation of Finance, Maintenance and Recording Mechanisms*

**CITY OF CORONA  
WATER QUALITY MANAGEMENT PLAN AND STORMWATER BMP  
MAINTENANCE AND RIGHT OF ENTRY AGREEMENT  
WITH 7181 COWAN BUILDING LP**

**1. PARTIES AND DATE.**

THIS WATER QUALITY MANAGEMENT PLAN AND STORMWATER BMP MAINTENANCE AND RIGHT OF ENTRY AGREEMENT (“Agreement”) is made and entered into in the City of Corona, California, this      day of      , 2023 by and between the City of Corona, a California municipal corporation (“City”), and Joe Balbas, a 7181 Cowan Building LP with its principal place of business at 3189 Airway Ave., Unit D, Costa Mesa, CA 92626 (“Owner”). This Agreement applies to property located at 2895 S. Main St., Corona, APN No. 113-340-018 in the County of Riverside, State of California.

**2. RECITALS.**

2.1 The Owner owns real property (“Property”) in the City of Corona, County of Riverside, State of California, more specifically described in Exhibit “A” and depicted in Exhibit “B”, each of which exhibits is attached hereto and incorporated herein by this reference.

2.2 At the time of initial approval of Owner’s development project known as *Fitness Mania* within the Property, the City required the project to employ Best Management Practices, hereinafter referred to as “BMPs,” to minimize pollutants in urban runoff.

2.3 The Owner has chosen to install and/or implement BMPs as described in the Water Quality Management Plan, on file with the City, hereinafter referred to as “WQMP”, to minimize pollutants in urban runoff and to minimize other adverse impacts of urban runoff.

2.4 The WQMP has been certified by the Owner and reviewed and approved by the City.

2.5 The BMPs, with installation and/or implementation on private property and draining only private property, are part of a private facility with all maintenance or replacement, therefore, the sole responsibility of the Owner in accordance with the terms of this Agreement.

2.6 The Owner is aware that periodic and continuous maintenance, including, but not necessarily limited to, filter material replacement and sediment removal, is required to assure peak performance of all BMPs in the WQMP and that, furthermore, such maintenance activity will require compliance with all Local, State, or Federal laws

and regulations, including those pertaining to confined space and waste disposal methods, in effect at the time such maintenance occurs

### **3. TERMS.**

3.1 Responsibility for Operation and Maintenance of BMPs. Owner shall diligently maintain all BMPs in a manner assuring peak performance at all times. All reasonable precautions shall be exercised by Owner and Owner's representative or contractor in the removal and extraction of any material(s) from the BMPs and the ultimate disposal of the material(s) in a manner consistent with all relevant laws and regulations in effect at the time. As may be requested from time to time by the City, the Owner shall provide the City with documentation identifying the material(s) removed, the quantity, and disposal destination.

3.2 Right of Access. Owner hereby provides the City or City's designee complete access, of any duration, to the BMPs and their immediate vicinity at any time, upon reasonable notice, or in the event of emergency, as determined by City's Director of Public Works ("Director"), no advance notice, for the purpose of inspection, sampling, testing of the BMPs, and in case of emergency, to undertake, in the City's sole discretion, necessary repairs or other preventative measures at Owner's expense as provided in paragraph 3 below. City shall make every effort at all times to minimize or avoid interference with Owner's use of the Property.

3.3 City Maintenance at Owner's Expense. In the event Owner, or its successors or assigns, fails to accomplish the necessary maintenance contemplated by this Agreement, within five (5) days of being given written notice by the City, the City is hereby authorized to cause any maintenance necessary to be done and charge the entire cost and expense to the Owner or Owner's successors or assigns, including administrative costs, attorneys fees and interest thereon at the maximum rate authorized by the Civil Code from the date of the notice of expense until paid in full. The City, at its sole election, may make these costs to be a lien upon the property that may be collected at the same time and in the same manner as ordinary municipal taxes as provided in Government Code section 38773.5. Nothing in this section or this Agreement creates an obligation by the City to maintain or repair any BMP, nor does this section prohibit the City from pursuing other legal recourse against Owner.

3.4 Recording. This Agreement shall be recorded in the Office of the Recorder of Riverside County, California, at the expense of the Owner and shall constitute notice to all successors and assigns of the title to said Property of the obligation herein set forth, and also a lien in such amount as will fully reimburse the City, including interest as herein above set forth, subject to foreclosure in event of default in payment.

3.5 Attorney's Fees. In event of legal action occasioned by any default or action of the Owner, or its successors or assigns, the Owner and its successors or assigns agree(s) to pay all costs incurred by the City in enforcing the terms of this Agreement,

including reasonable attorney's fees and costs, and that the same shall become a part of the lien against said Property.

3.6 Covenant. It is the intent of the parties hereto that burdens and benefits herein undertaken shall constitute covenants that run with said Property and constitute a lien there against.

3.7 Binding on Successors. The obligations herein undertaken shall be binding upon the heirs, successors, executors, administrators and assigns of the parties hereto. The term "Owner" shall include not only the present Owner, but also its heirs, successors, executors, administrators, and assigns. Owner shall notify any successor to title of all or part of the Property about the existence of this Agreement. Owner shall provide such notice prior to such successor obtaining an interest in all or part of the Property. Owner shall provide a copy of such notice to the City at the same time such notice is provided to the successor.

3.8 Indemnity and Insurance. The Owner, its heirs, successors, executors, administrators and assigns agree to defend, indemnify and holds harmless the City, its officials, employees and its authorized agents from any and all damages, accidents, casualties, occurrences or claims (collectively, "Claims") which might arise or be asserted against the City and which are in any way connected with the construction, operation, presence, existence or maintenance of the BMP by the Owner, or from any personal injury or property damage that may result from the City or other public entities entering the Property under Sections 2 or 3 of this Agreement; provided, however, that in no event shall Owner, its heirs, successors, executors, administrators and assigns be obligated to defend, indemnify or hold harmless the City, its officials, employees, and its authorized agents from any Claims arising from the City's or its officials, employees, and its authorized agents active negligence or willful misconduct while the City enters the Property under Section 2 or 3 of this Agreement.. The Owner shall maintain liability insurance in commercially reasonable amounts, but not less than \$1,000,000.00, covering the BMP and City. The City shall require proof of insurance to be provided to City on a regular basis as determined by the City.

3.9 Time of the Essence. Time is of the essence in the performance of this Agreement.

3.10 Notice. Any notice to a party required or called for in this Agreement shall be served in person, or by deposit in the U.S. Mail, first class postage prepaid, to the address set forth below. Notice(s) shall be deemed effective upon receipt, or seventy-two (72) hours after deposit in the U.S. Mail, whichever is earlier. A party may change a notice address only by providing written notice thereof to the other party.

IF TO CITY:

City of Corona  
400 South Vicentia Avenue  
Corona, CA 92882  
Attn: Sylvia Edwards

IF TO OWNER:

7181 Cowan Building LP  
3189 Airway Ave., Unit D  
Costa Mesa, CA 92626  
Attn: Joe Balbas

[SIGNATURES ON FOLLOWING PAGE]

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**SIGNATURE PAGE TO  
CITY OF CORONA  
WATER QUALITY MANAGEMENT PLAN AND STORMWATER BMP  
MAINTENANCE AND RIGHT OF ENTRY AGREEMENT  
WITH 7181 Cowan Building LP**

IN WITNESS THEREOF, the parties hereto have executed this Agreement as of the date first written above.

**CITY OF CORONA**  
a California municipal corporation

**7181 Cowan Building LP**

By: \_\_\_\_\_  
Savat Khamphou  
Public Works Director

By: \_\_\_\_\_  
Signature

\_\_\_\_\_  
Name (Print)

\_\_\_\_\_  
Title (Print)

By: \_\_\_\_\_  
Signature

\_\_\_\_\_  
Name (Print)

\_\_\_\_\_  
Title (Print)

ATTEST:

ATTEST:

\_\_\_\_\_  
City Clerk

\_\_\_\_\_

[\*\*\*NOTE (READ AND DELETE THIS BLOCK BEFORE USING MODEL): SIGNATURE BLOCKS CAN VARY DEPENDING UPON THE APPLICANT'S TYPE OF LEGAL ENTITY (E.G. CORPORATION; GENERAL PARTNERSHIP; LIMITED PARTNERSHIP; LIMITED LIABILITY PARTNERSHIP OR COMPANY; OR AN INDIVIDUAL). THIS MODEL CONTAINS A GENERAL FRAMEWORK WHICH WILL WORK FOR MOST CORPORATIONS, INDIVIDUAL (NON-CORPORATE) PARTNERSHIPS AND INDIVIDUAL SOLE PROPRIETORSHIPS. PLEASE REFER TO THE CITY CLERK'S "SIGNATURE REQUIREMENT" MEMO ON THE INFO WEB FOR COMPLETE INFORMATION\*\*\*]

NOTARY ACKNOWLEDGEMENT OF CITY

**ACKNOWLEDGMENT**

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, \_\_\_\_\_  
(insert name and title of the officer)

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.

Signature \_\_\_\_\_ (Seal)

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**EXHIBIT "A"**  
**(LEGAL DESCRIPTION)**

PARCEL 1 OF PARCEL MAP NO. 15824, IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS SHOWN BY MAP ON FILE IN BOOK 81 PAGES 25 AND 26 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

**EXHIBIT “B”  
(MAP/ILLUSTRATION)**

# Appendix 10: Educational Materials

*BMP Fact Sheets, Maintenance Guidelines and Other End-User BMP Information*



# Riverside's Solution to Runoff Pollution

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## What is Runoff?

When water from rain and outdoor water use runs off roofs, driveways, and sidewalks, it brings everything it touches with it. This runoff can include trash, fertilizer, pet waste, home solvents, and other pollutants which ends up in Riverside County's waterways.

## Water that goes into Riverside County's storm drains is NOT TREATED

Whether residents or businesses intentionally or accidentally let runoff flow into storm drains, it can harm our creeks, rivers, lakes, and eventually the ocean. While wastewater from toilets, sinks, and showers gets treated, water that flows into the storm drain goes untreated into our waterways.

## What Common Pollutants are Found in Runoff?

Here are some common pollutants and actions you can take to prevent them from flowing into Riverside County's storm drains and waterways.



# Pollutants and Prevention

## Pet Waste

Pet waste has harmful bacteria that can contaminate Riverside County's bodies of water and neighboring ecosystems. This can lead to residents getting sick, algal blooms, and plants and animals dying. Always pick up after your pet on walks and in your yard, especially before it rains.

## Trash

Litter like cigarette butts, candy and food wrappers/containers, and straws can harm our waterways and cause drainage issues. Make sure to place all trash in covered trash cans to prevent wind or rain from taking it into the storm drain system.

## Automotive Chemicals

Liquids like motor oil, fuels, lubricants, and antifreeze can damage water quality and harm wildlife if they get into our creeks, rivers, and lakes. Make sure to repair leaking vehicles as soon as possible and clean spills with absorbents available at home and auto supply shops. Used engine oil can be recycled at the Murrieta, Beaumont, or Moreno Valley ABOP and PaintCare Facilities or where the oil was purchased.

## Yard Clippings

If yard clippings aren't properly disposed of, they can cause erosion, flooding, and prevent stormwater drainage. Collect all clippings after doing yard work and properly dispose of them by composting or placing them in a green waste bin.

## Fertilizers and Pesticides

These can enter the storm drain after it rains or when landscaped areas are over irrigated. Limit your pesticide, fertilizer, and herbicide use by using non-chemical methods whenever possible. If they are necessary, follow the manufacturer's instructions and do not apply them 48 hours before predicted rain.

## Soapy Car Wash Water

Dirt and debris from your car, along with chemicals in the soap, can harm our creeks, rivers, and lakes if they flow untreated into our waterways. Wash your car over a gravel or grassy area, or take it to a commercial car wash to limit runoff pollution.

## Household Chemicals

Paint and other household chemicals like solvents, degreasers, and drain cleaners are hazardous to aquatic life and human health if they get into the storm drain system. Make sure to follow the manufacturer's instructions, clean spills with absorbents, and dispose of unused paints and household chemicals at the Murrieta, Beaumont, or Moreno Valley ABOP and PaintCare Facilities ([rcwaste.org/hhw](http://rcwaste.org/hhw)).



For more information about keeping our waterways clean, visit: [rcwatershed.org/about/stormwater-pollution-prevention](http://rcwatershed.org/about/stormwater-pollution-prevention).

## Who We Are

Riverside County Watershed Protection is a partnership program between Riverside County, the Flood Control & Water Conservation District, Coachella Valley Water District, and 27 cities that manage watershed programs which protect, preserve, and enhance the quality of the water and the natural environment of our watersheds.

## What We Do

The partnership uses a combination of public education, best management practices, evaluation, and water quality monitoring to eliminate stormwater pollution in our waterways and comply with all federal, state, and local regulations. Our aim is to empower residents with information about pollution prevention and implement tactics that keep our watersheds healthy.

## Contact Us:

To report pollution:

 Call (800) 506-2555

 Visit [rcwatershed.org/get-involved/report-pollution](http://rcwatershed.org/get-involved/report-pollution)

 For emergencies, dial 911



RIVERSIDE COUNTY  
WATERSHED PROTECTION



# Irrigation Runoff Stormwater Fact Sheet

Report Irrigation Runoff or  
Stormwater Pollution  
**800.506.2555**



## **Be the Solution. Prevent Runoff Pollution.**

**The water that flows into storm drains is not treated** before flowing into Riverside County's creeks, rivers, lakes, and eventually the ocean (unlike the sanitary sewer system). It should never contain washwater or pollutants like pesticides, fertilizer, dirt, leaves, and other hazardous substances generated by irrigation runoff. If these pollutants are not properly contained, they can runoff into the storm drain and harm our waterways.

Preventing runoff pollution while maintaining your property protects aquatic life, water quality, and keeps our waterways thriving. To take care of your green spaces, make sure to only use pesticides and fertilizers when absolutely necessary and never before rain, prevent overwatering, and sweep debris regularly.

## **Irrigation Pollutant Sources**

### **Overwatering**

Overwatering can cause dirt, pesticides, fertilizers, pet waste, and organic waste to flow into the storm drain.

### **Pesticide, Fertilizer, or Herbicide Use**

Pesticide, fertilizer, or herbicide use 48 hours before or during rain can lead to these chemicals going untreated into our waterways.

### **Improper Maintenance Before Rain**

Leaving pet waste, leaves, grass clippings, and chemicals on the ground (from property neglect or landscape maintenance) before or during rain can cause them to flow into the storm drain.

### **Runoff From Commercial Properties**

Commercial properties, like golf courses, can cause pesticides, dirt, oil, and other hazardous waste to runoff.

# Best Management Practices for Irrigation

Protect our waterways while maintaining your green spaces by implementing these BMPs (best management practices):



For more information about stormwater-safe irrigation practices, visit: [rcwatershed.org/residents/at-home/overwatering/](https://rcwatershed.org/residents/at-home/overwatering/).

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## Prevent Overwatering

- ✓ Only give your lawn and garden the amount of water it needs, and use drip irrigation, soaker hoses, or micro-spray systems. Do not water when it is raining and use an irrigation timer to pre-set watering times.
- ✓ Conduct a Sprinkler Spruce Up regularly to ensure overwatering and runoff aren't occurring. If you notice a leak in your irrigation system, repair it immediately.
- ✓ Redirect your downspout to a rain garden, dry creek bed, rain barrel, or underwatered part of your lawn.



## Plant Riverside County-Native Vegetation

- ✓ Plant native vegetation like foothill penstemon and red bush monkeyflower to reduce the amount of water, fertilizers, and pesticides needed.
- ✓ Plant fast-growing and dense ground covering plants like California fuchsia and Angelita daisy to prevent erosion. For landscaping ideas visit: [www.bewaterwise.com](http://www.bewaterwise.com).



## Utilize Business Best Practices

- ✓ Wash golf carts and lawn mowers over permeable surfaces.
- ✓ Cover storm drains when conducting washing and maintenance activities to prevent washwater from flowing into the storm drain.
- ✓ If your golf course handles reportable quantities of hazardous waste, you are required to submit a Hazardous Materials Business Plan through the California Environmental Reporting System. Visit [rcwaste.org/business/hw](https://rcwaste.org/business/hw) for more info.
- ✓ Keep stockpiles at least 50 feet from concentrated flows of stormwater, drainage courses, and inlets.
- ✓ Regularly inspect and maintain oil storage tanks, drums, and areas to keep them in good condition.
- ✓ Utilize a commercial water broom to wash hard surfaces like tennis courts, patios, parking areas, and sidewalks, and make sure washwater never enters the storm drain system.



# A Citizen's Guide to Understanding Stormwater



EPA  
United States Environmental Protection Agency

EPA 833-B-03-002

January 2003

Printed on Recycled Paper  
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100% Post Consumer Waste  
www.epa.gov

## After the Storm

or visit  
[www.epa.gov/nps](http://www.epa.gov/nps)  
[www.epa.gov/stormwater](http://www.epa.gov/stormwater)

For more information contact:



### What is stormwater runoff?



Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. Impervious surfaces like driveways, sidewalks, and streets prevent stormwater from naturally soaking into the ground.

### Why is stormwater runoff a problem?



Stormwater can pick up debris, chemicals, dirt, and other pollutants and flow into a storm sewer system or directly to a lake, stream, river, wetland, or coastal water. Anything that enters a storm sewer system is discharged untreated into the waterbodies we use for swimming, fishing, and providing drinking water.

### The effects of pollution

Polluted stormwater runoff can have many adverse effects on plants, fish, animals, and people.

- ◆ Sediment can cloud the water and make it difficult or impossible for aquatic plants to grow. Sediment also can destroy aquatic habitats.
- ◆ Excess nutrients can cause algae blooms. When algae die, they sink to the bottom and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms can't exist in water with low dissolved oxygen levels.
- ◆ Bacteria and other pathogens can wash into swimming areas and create health hazards, often making beach closures necessary.
- ◆ Debris—plastic bags, six-pack rings, bottles, and cigarette butts—washed into waterbodies can choke, suffocate, or disable aquatic life like ducks, fish, turtles, and birds.
- ◆ Household hazardous wastes like insecticides, pesticides, paint, solvents, used motor oil, and other auto fluids can poison aquatic life. Land animals and people can become sick or die from eating diseased fish and shellfish or ingesting polluted water.



- ◆ Polluted stormwater often affects drinking water sources. This, in turn, can affect human health and increase drinking water treatment costs.

# Stormwater Pollution Solutions

## Residential



Recycle or properly dispose of household products that contain chemicals, such as insecticides, pesticides, paint, solvents, and used motor oil and other auto fluids. Don't pour them onto the ground or into storm drains.

### Lawn care

Excess fertilizers and pesticides applied to lawns and gardens wash off and pollute streams. In addition, yard clippings and leaves can wash into storm drains and contribute nutrients and organic matter to streams.



- ◆ Don't overwater your lawn. Consider using a soaker hose instead of a sprinkler.
- ◆ Use pesticides and fertilizers sparingly. When use is necessary, use these chemicals in the recommended amounts. Use organic mulch or safer pest control methods whenever possible.
- ◆ Compost or mulch yard waste. Don't leave it in the street or sweep it into storm drains or streams.
- ◆ Cover piles of dirt or mulch being used in landscaping projects.

### Septic systems

Leaking and poorly maintained septic systems release nutrients and pathogens (bacteria and viruses) that can be picked up by stormwater and discharged into nearby waterbodies. Pathogens can cause public health problems and environmental concerns.



- ◆ Inspect your system every 3 years and pump your tank as necessary (every 3 to 5 years).
- ◆ Don't dispose of household hazardous waste in sinks or toilets.

### Auto care

Washing your car and degreasing auto parts at home can send detergents and other contaminants through the storm sewer system. Dumping automotive fluids into storm drains has the same result as dumping the materials directly into a waterbody.



- ◆ Use a commercial car wash that treats or recycles its wastewater, or wash your car on your yard so the water infiltrates into the ground.
- ◆ Repair leaks and dispose of used auto fluids and batteries at designated drop-off or recycling locations.

### Pet waste

Pet waste can be a major source of bacteria and excess nutrients in local waters.



- ◆ When walking your pet, remember to pick up the waste and dispose of it properly. Flushing pet waste is the best disposal method. Leaving pet waste on the ground increases public health risks by allowing harmful bacteria and nutrients to wash into the storm drain and eventually into local waterbodies.



Education is essential to changing people's behavior. Signs and markers near storm drains warn residents that pollutants entering the drains will be carried untreated into a local waterbody.

## Residential landscaping

**Permeable Pavement**—Traditional concrete and asphalt don't allow water to soak into the ground. Instead these surfaces rely on storm drains to divert unwanted water. Permeable pavement systems allow rain and snowmelt to soak through, decreasing stormwater runoff.

**Rain Barrels**—You can collect rainwater from rooftops in mosquito-proof containers. The water can be used later on lawn or garden areas.



**Rain Gardens and Grassy Swales**—Specially designed areas planted with native plants can provide natural places for



rainwater to collect and soak into the ground. Rain from rooftop areas or paved areas can be diverted into these areas rather than into storm drains.

**Vegetated Filter Strips**—Filter strips are areas of native grass or plants created along roadways or streams. They trap the pollutants stormwater picks up as it flows across driveways and streets.



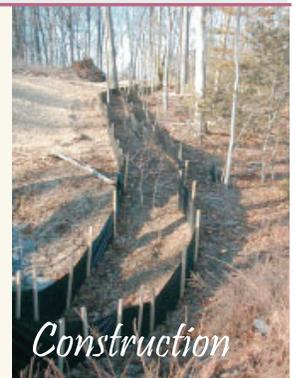
## Commercial

Dirt, oil, and debris that collect in parking lots and paved areas can be washed into the storm sewer system and eventually enter local waterbodies.

- ◆ Sweep up litter and debris from sidewalks, driveways and parking lots, especially around storm drains.
- ◆ Cover grease storage and dumpsters and keep them clean to avoid leaks.
- ◆ Report any chemical spill to the local hazardous waste cleanup team. They'll know the best way to keep spills from harming the environment.

Erosion controls that aren't maintained can cause excessive amounts of sediment and debris to be carried into the stormwater system. Construction vehicles can leak fuel, oil, and other harmful fluids that can be picked up by stormwater and deposited into local waterbodies.

- ◆ Divert stormwater away from disturbed or exposed areas of the construction site.
- ◆ Install silt fences, vehicle mud removal areas, vegetative cover, and other sediment and erosion controls and properly maintain them, especially after rainstorms.
- ◆ Prevent soil erosion by minimizing disturbed areas during construction projects, and seed and mulch bare areas as soon as possible.



## Construction

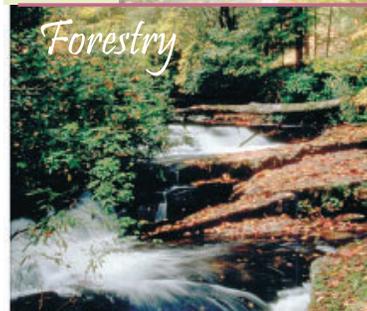


## Agriculture

Lack of vegetation on streambanks can lead to erosion. Overgrazed pastures can also contribute excessive amounts of sediment to local waterbodies. Excess fertilizers and pesticides can poison aquatic animals and lead to destructive algae blooms. Livestock in streams can contaminate waterways with bacteria, making them unsafe for human contact.



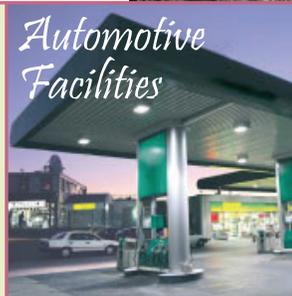
- ◆ Keep livestock away from streambanks and provide them a water source away from waterbodies.
- ◆ Store and apply manure away from waterbodies and in accordance with a nutrient management plan.
- ◆ Vegetate riparian areas along waterways.
- ◆ Rotate animal grazing to prevent soil erosion in fields.
- ◆ Apply fertilizers and pesticides according to label instructions to save money and minimize pollution.



## Forestry

Improperly managed logging operations can result in erosion and sedimentation.

- ◆ Conduct preharvest planning to prevent erosion and lower costs.
- ◆ Use logging methods and equipment that minimize soil disturbance.
- ◆ Plan and design skid trails, yard areas, and truck access roads to minimize stream crossings and avoid disturbing the forest floor.
- ◆ Construct stream crossings so that they minimize erosion and physical changes to streams.
- ◆ Expedite revegetation of cleared areas.



## Automotive Facilities

Uncovered fueling stations allow spills to be washed into storm drains. Cars waiting to be repaired can leak fuel, oil, and other harmful fluids that can be picked up by stormwater.

- ◆ Clean up spills immediately and properly dispose of cleanup materials.
- ◆ Provide cover over fueling stations and design or retrofit facilities for spill containment.
- ◆ Properly maintain fleet vehicles to prevent oil, gas, and other discharges from being washed into local waterbodies.
- ◆ Install and maintain oil/water separators.

# CONSTRUCTION SITE BEST MANAGEMENT PRACTICES

THE FOLLOWING BMPs MUST BE PROPERLY USED AT ALL CONSTRUCTION SITES IN RIVERSIDE COUNTY TO PROTECT OUR WATERSHEDS FROM POLLUTION



**BMPs must be properly installed and maintained on a year round basis.**

Construction sites are prohibited from discharging pollutants into storm drains and introducing pollutants to local waterways, rivers, lakes and streams.

To stay in compliance with the law and keep your project on schedule, make sure your BMPs are in place and properly functioning. Your site must be checked and maintained daily.

## Erosion Control

**Erosion prevention is the most important measure for keeping sediment onsite during construction.**

Wherever possible, rely on erosion controls to keep sediment in place. Minimize the disturbed area to protect natural features and soil. Control stormwater flowing onto and through the project. Phase construction activity and stabilize soils promptly. Prevent erosion by implementing soil stabilization practices such as mulching, surface roughening, permanent or temporary seeding. Perform a walk-through of the site to assess stabilization practices.

### Concrete Trucks /Pumpers / Finishers

BMPs such as tarps and gravel bags should be implemented to prevent materials and residue from entering into the storm drain system.

### Dumpsters

Always cover dumpsters. Areas around dumpsters should be cleaned daily. Perimeter controls around dumpster area should be provided if pollutants are leaking or discharging from the dumpster. The dumpster must be fully contained on the construction site and not in the right-of-way.

### Washout Area

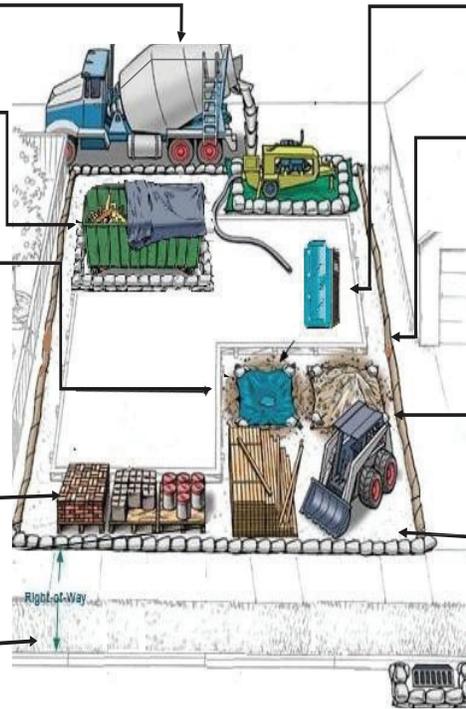
The disposal of "wet" construction materials should be handled in the washout area. This includes paint, stucco, and concrete. Do not wash out paint brushes in the street or dump any residue in the storm drain. Paint brushes and spray guns must be washed out into a hazardous materials drum, or back into the original container and disposed of properly. Washouts should never be in direct contact with the existing ground. Use a berm with an impervious liner to contain wet materials and prevent runoff to nearby areas. The washout area must be checked and maintained daily to ensure compliance. All dried material must be disposed of at a landfill.

### Building Materials /Staging Area

Construction material must be stored on site at all times. Building material should always be covered when not in use to prevent dispersal or runoff caused by wind or rain. Flooding must also be prevented by monitoring your site before, during, and after rain events to ensure that BMPs are functioning properly and that there are not any safety issues.

### Encroachment Permits

The right-of-way varies from the face of the curb to the private property line. Any construction work within the right-of-way requires an encroachment permit.



### Portable Toilets

Portable toilets must be placed on a flat level surface away from any flow line. Portable toilets must have a secondary containment tray. Portable toilets must also be placed behind the curb. Avoid cleaning solutions from coming in contact with the soil.

### Perimeter Controls

Perimeter controls are different and separate from erosion controls. Gravel bags, silt fences, and straw wattles are acceptable perimeter controls, and must be used to surround the entire site. Avoid running over perimeter controls with vehicles or heavy equipment to prevent damage to the BMPs. Keep extra absorbent materials and/or wet dry vacuum on site to quickly pick up unintended spills.

### Dirt and Grading

Dust control measures shall be implemented during grading operations and throughout all aspects of site development. Mounds of dirt or gravel should be stored on site and sprayed daily with water to prevent excessive dust. The materials should be covered when not in use. For areas that are active and exposed, a wet weather active plan, including additional BMPs, should be in place to protect the site during a rain event. Sites must have a designated entrance/exit with adequate track out controls to prevent the transport of dirt/gravel from the site.

### Earthmoving Equipment

Vehicles and earthmoving equipment should be cleaned, fueled and maintained off-site or in a designated contained area. Mud tracks and dirt trails left by equipment leading to and from the site must be cleaned up immediately.

### Storm Drains

Storm drains must be protected at all times with perimeter controls, use ¾ inch gravel bags. Sand bags should not be used for inlet protection because they do not permit flow-through. Replace ruptured or damaged gravel bags and remove debris from the right-of-way immediately.

## We our Watershed!

A clean and healthy watershed is important to all of us.

Trash, debris, chemicals and other contaminants from business activities often make their way into the Riverside County storm drain system. This pollutes our drinking water and contaminates waterways, making them unsafe for people and wildlife.

### Did you know?

There is a difference between storm drains and sewers.

Storm drains capture rainwater and flow directly to our rivers, lakes and streams – untreated.

Sewers capture and collect water from sinks, toilets and floor drains, and then it is processed and treated before it is released into the environment.

For more information about how you can protect our watershed, please visit:

[www.rcwatershed.org](http://www.rcwatershed.org)

## Questions?

If you have questions about Best Management Practices, or if you have questions about illicit dumping and stormwater pollution visit the Pollution Prevention website: [rcwatershed.org](http://rcwatershed.org).

For more information on requirements for all retail food facilities go to Riverside County Environmental Health's website: [rivcoeh.org](http://rivcoeh.org)



**RIVERSIDE COUNTY**  
WATERSHED PROTECTION

Riverside County Watershed Protection Program is managed by Riverside County Flood Control & Water Conservation District in partnership with 27 Cities, the County of Riverside and the Coachella Valley Water District.

#### OUR MISSION

"To protect, preserve and enhance the quality of Riverside County watersheds by fostering a community-wide commitment to clean water."

## Watershed Protection

### Food Service Industry Best Practices



**Restaurants**  
**Mobile Food Trucks**  
**Grocery Stores**  
**Bakeries**  
**Delicatessens**

# Best Kitchen Practices

## Recycle Oil & Grease

- Never put oil or grease down the drain. Contain grease and oil by using covered grease storage containers or installing a grease interceptor.
- Never overfill your grease storage container or transport it without a cover.
- Grease control devices must be emptied and cleaned by permitted companies and according to manufacturer's specifications.
- Keep maintenance records on site.
- For a list of oil/grease recycling companies, contact CalRecycle [www.calrecycle.ca.gov](http://www.calrecycle.ca.gov) or contact your local sanitation district.

## Managing Spills

- Clean food spills in loading and trash areas by using absorbent materials and sweeping then mopping.
- Discharge mop water into the sewer through a grease interceptor.
- Have spill containment and cleanup kits available.
- To report serious toxic spills, call 911.

## Handling Toxic Chemicals

- Dispose of all unwanted toxic materials like cleaners, solvents and detergents through a hazardous waste hauler. These items are not trash!
- Use non-toxic cleaning products whenever possible.
- For information on hazardous waste transporters, call (888) 722-4234.

## Dumpster Areas

- Keep dumpster lids closed and the areas around them clean.
- Do not fill with liquid waste or hose them out.
- Call your trash hauler to replace any dumpsters that are damaged or leaking.



## Cleaning & Maintenance

- Clean equipment, floor mats, filters and garbage cans in a mop sink, wash rack or floor drain connected to a sanitary sewer.
- Sweep outside areas and put the debris in trash containers DO NOT hose down or sweep into the parking lot or street.
- Outside eating areas and sidewalks may not be hosed down or pressure washed UNLESS the following standards are met:
  - ✓ Use dry cleanup methods prior to any pressure washing – absorbing with kitty litter, sweeping, vacuuming, scraping off dried debris.
  - ✓ Wash waters must be captured for proper disposal: collected waters should be discharged to a sanitary drain.
  - ✓ DO NOT use any chemicals or detergents.
  - ✓ DO NOT wash or pour water in a parking lot, alley, sidewalk or street.

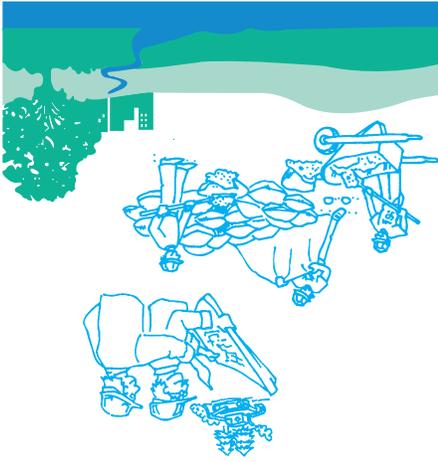
## Mobile Food Trucks

- The potential for generating stormwater pollution as part of a mobile food business requires special attention. Cleaning activities are required to be conducted at an approved fixed location with a connection to a sanitary sewer. For more information contact Riverside County Environmental Health at (888) 722-4234.
- Do not discharge wash water into storm drains.
- Clean on a properly equipped wash pad and drain wastewater to a sanitary sewer system.

## Food Waste Disposal

- Scrape food waste off of plates, pots and food prep areas and dispose of in the trash.
- Food scraps often contain grease, which can clog sewer pipes and result in costly sewer backups and overflows.
- Never put food waste down the drain.





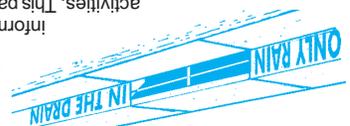
The two most common sources of stormwater pollution problems associated with construction activities are **erosion** and **sedimentation**. Failure to maintain adequate erosion and sediment controls at construction sites often results in sediment discharges into the storm drain system, creating multiple problems once it enters local waterways. Construction vehicles and heavy equipment can also track significant amounts of mud and sediment onto adjacent streets. Additionally, wind may transport construction materials and wastes into streets storm drains, or directly into our local waterways.

### WATER POLLUTION PREVENTION FOR CONSTRUCTION ACTIVITIES

PLEASE NOTE: The Federal, State and local regulations strictly prohibit the discharge of sediment and pollutants into the streets, the storm drain system or waterways. As an owner, operator or supervisor of a construction site, you may be held financially responsible for any environmental damage caused by your subcontractors or employees.

In accordance with applicable federal and state law, the Cities and County of Riverside have adopted ordinances for stormwater management that prohibit the discharge of pollutants into the storm drain system or local surface water. This includes discharges from construction sites containing sediment, concrete, mortar, paint, solvents, lubricants, vehicle fluids, fuel, pesticides, and construction debris.

Because preventing pollution is much easier and less costly than cleaning up "after the fact," Cities and County of Riverside's "Only Rain Down the Storm Drain" Water Pollution Prevention Program informs residents and businesses on pollution prevention activities. This pamphlet describes various Best Management Practices (BMPs) that construction site operators can use to prevent stormwater pollution.



### The Cities and County of Riverside Water Pollution Prevention Program



Riverside County has two drainage systems - sewers and storm drains. The storm drain system was designed to reduce flooding by carrying excess rainwater away from streets and developed areas. The storm drain system does not provide water treatment. It is connected directly to our local waterways.

Unlike sanitary sewers, storm drains are not connected to a wastewater treatment plant - they flow directly to our local streams, rivers and lakes.

Stormwater runoff is a part of the natural hydrologic process. However, land development and construction activities can affect the natural drainage processes and introduce pollutants into stormwater runoff. Polluted stormwater runoff from construction sites has been identified as a major source of water pollution in California. It jeopardizes the quality of our local waterways and can pose a serious threat to the health of our aquatic ecosystems.

### Stormwater Pollution... What You Should Know

### Resources

State Water Resources Control Board  
 Division of Water Quality  
 1001 I Street  
 Sacramento CA 95814  
 (916) 341-5455  
[www.swrcb.ca.gov/water\\_issues/programs/stormwater](http://www.swrcb.ca.gov/water_issues/programs/stormwater)

Colorado River Basin Regional Water Quality Control Board - Region 7  
 73-720 Fred Waring Drive, Suite 100  
 Palm Desert, CA 92260  
 (760) 346-7491  
[www.waterboards.ca.gov/coloradoriver](http://www.waterboards.ca.gov/coloradoriver)

Santa Ana Regional Water Quality Control Board - Region 8  
 3737 Main Street, Suite 500  
 Riverside, CA 92501-3348  
 (951) 782-4130  
[www.waterboards.ca.gov/santaana](http://www.waterboards.ca.gov/santaana)

San Diego Regional Water Quality Control Board - Region 9  
 2375 Northside Drive Suite 100  
 San Diego, CA 92108  
 (619) 516-1990  
[www.waterboards.ca.gov/sandiego](http://www.waterboards.ca.gov/sandiego)

#### To report a hazardous materials spill, call:

During normal business hours (7:00 a.m. to 5:30 p.m.)  
 Riverside County Department of Environmental Health  
 (951)-358-5172 or 1-888-722-4234  
[www.rivcoeh.org](http://www.rivcoeh.org)

After business hours, on weekends or holidays, call (951)-782-2968

In an emergency, dial 911

#### For hazardous waste disposal information call:

(951) 358-5055

#### To report an illegal discharge or a clogged storm drain, call:

1-800-506-2555

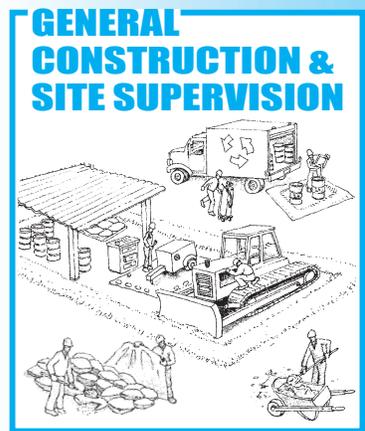
For more information, please call the Riverside County's "Only Rain Down the Storm Drain" Water Pollution Prevention Program at 1-800-506-2555 or [www.rcflood.org](http://www.rcflood.org)



The "Only Rain Down the Storm Drain" Pollution Prevention Program acknowledges The City of Coronado for the information provided in brochure.

## Water Pollution Prevention

What you should know for...



### Best Management Practices (BMPs) for:

- ↳ Developers
- ↳ General Contractors
- ↳ Home Builders
- ↳ Construction Inspectors
- ↳ Anyone in the construction business

## What Should You Do? Advance Planning to Prevent Pollution

- Remove existing vegetation only as needed.
- Schedule excavation, grading, and paving operations for dry weather periods, if possible.
- Designate a specific area of the construction site, well away from storm drain inlets or watercourses, for material storage and equipment maintenance.
- Develop and implement an effective combination of erosion and sediment controls for the construction site.
- Practice source reduction by ordering only the amount of materials that are needed to finish the project.
- Educate your employees and subcontractors about stormwater management requirements and their pollution prevention responsibilities.
- Control the amount of surface runoff at the construction site by impeding internally generated flows and using berms or drainage ditches to direct incoming offsite flows to go around the site. **Note:** Consult local drainage policies for more information.

## BEST MANAGEMENT PRACTICES

The following Best Management Practices (BMPs) can significantly reduce pollutant discharges from your construction site. Compliance with stormwater regulations can be as simple as minimizing stormwater contact with potential pollutants by providing covers and secondary containment for construction materials, designating areas away from storm drain systems for storing equipment and materials and implementing good housekeeping practices at the construction site.

- Protect all storm drain inlets and streams located near the construction site to prevent sediment-laden water from entering the storm drain system.
- Limit access to and from the site. Stabilize construction entrances/exits to minimize the track out of dirt and mud onto adjacent streets. Conduct frequent street sweeping.
- Protect stockpiles and construction materials from winds and rain by storing them under a roof, secured impermeable tarp or plastic sheeting.
- Avoid storing or stockpiling materials near storm drain inlets, gullies or streams.
- Phase grading operations to limit disturbed areas and duration of exposure.
- Perform major maintenance and repairs of vehicles and equipment offsite.
- Wash out concrete mixers only in designated washout areas at the construction site.
- Set-up and operate small concrete mixers on tarps or heavy plastic drop cloths.
- Keep construction sites clean by removing trash, debris, wastes, etc. on a regular basis.
- Clean-up spills immediately using dry clean-up methods (e.g., absorbent materials such as cat litter, sand or rags for liquid spills; sweeping for dry spills such as cement, mortar or fertilizer) and by removing the contaminated soil from spills on dirt areas.
- Prevent erosion by implementing any or a combination of soil stabilization practices such as mulching, surface roughening, permanent or temporary seeding.
- Maintain all vehicles and equipment in good working condition. Inspect frequently for leaks, and repair promptly.
- Practice proper waste disposal. Many construction materials and wastes, including solvents, water-based paint, vehicle fluids, broken asphalt and concrete, wood, and cleared vegetation can be recycled. Materials that cannot be recycled must be taken to an appropriate landfill or disposed of as hazardous waste.
- Cover open dumpsters with secured tarps or plastic sheeting. Never clean out a dumpster by washing it down on the construction site.
- Arrange for an adequate debris disposal schedule to insure that dumpsters do not overflow.

## GENERAL CONSTRUCTION ACTIVITIES STORMWATER PERMIT (Construction Activities General Permit)

The State Water Resources Control Board (SWRCB) adopted a new Construction Activities General Permit (Order No. 2010-0014-DWQ) on September 2, 2009. This permit is administered and enforced by the SWRCB and the local Regional Water Quality Control Boards (RWQCB). The updated Construction Activities General Permit establishes a number of new stormwater management requirements for construction site operator.

**NOTE:** Some construction activities stormwater permits are issued on a regional basis. Consult your local RWQCB to find out if your project requires coverage under any of these permits.

### Frequently Asked Questions:

#### How do I know if I need a Construction Activities General Permit?

If your construction project requires a land disturbance of one acre or more, or less than one acre but part of a larger common plan of development or sale.

#### How do I obtain coverage under the Construction Activities General Permit?

The Legally Responsible Person (LRP) must electronically submit Permit Registration

Documents (PRDs) prior to commencement of construction activities in the Storm Water Multi-Application Report Tracking System (SMARTS).

PRDs consist of the Notice of Intent, Risk Assessment, Post-Construction Calculations, a Site Map, the SWPPP, a signed certification statement by the LRP, and the first annual fee. Once these components have been submitted and are deemed complete by the SMARTS system, a WDID number will automatically be emailed to the LRP.

#### What must I do to comply with the requirements of the Construction Activities General Permit?

- Have a qualified SWPPP Developer (QSD) prepare a Stormwater Pollution Prevention Plan (SWPPP) prior to commencing construction activities.
- Have a qualified SWPPP Practitioner (QSP) implement the SWPPP.
- Keep a copy of the SWPPP at the construction site for the entire duration of the project.
- Implement an effective combination of erosion and sediment control on all soil disturbed areas.
- Conduct site inspections prior to anticipated storm events, every 24-hours during extended storm events, and after

an actual storm event.

- Implement BMPs for non-stormwater discharges year-round.
- Perform repair and maintenance of BMPs as soon as possible after storm events depending upon worker safety.
- Update the SWPPP as needed, to manage pollutants or reflect changes in site conditions.
- Include description of post construction BMPs at the construction site, including parties responsible for long-term maintenance.

**NOTE:** Please refer to the Construction Activities General Permit for detailed information. You may contact the SWRCB, your local RWQCB, or visit the SWRCB website at [www.swrcb.ca.gov/water\\_issues/programs/stormwater/](http://www.swrcb.ca.gov/water_issues/programs/stormwater/) for more information.



## Riverside County Stormwater Program Members

City of Banning  
(951) 922-3105

City of Beaumont  
(951) 769-8520

City of Calimesa  
(909) 795-9801

City of Canyon Lake  
(951) 244-2955

City of Cathedral City  
(760) 770-0340

City of Coachella  
(760) 398-3502

City of Corona  
(951) 736-2447

City of Desert Hot Springs  
(760) 329-6411

City of Eastvale  
(951) 361-0900

City of Hemet  
(951) 765-2300

City of Indian Wells  
(760) 346-2489

City of Indio  
(760) 391-4000

City of Jurupa Valley  
(951) 332-6464

City of Lake Elsinore  
(951) 674-3124

City of La Quinta  
(760) 777-7000

City of Menifee  
(951) 672-6777

City of Moreno Valley  
(951) 413-3000

City of Murrieta  
(951) 304-2489

City of Norco  
(951) 270-5607

City of Palm Desert  
(760) 346-0611

City of Palm Springs  
(760) 323-8299

City of Perris  
(951) 943-6100

City of Rancho Mirage  
(760) 324-4511

City of Riverside  
(951) 826-5311

City of San Jacinto  
(951) 487-7330

City of Temecula  
(951) 694-6444

City of Wildomar  
(951) 677-7751

Coachella Valley Water District  
(760) 398-2651

County of Riverside  
(951) 955-1000

Riverside County Flood Control District  
(951) 955-1200

# Stormwater Pollution

*What you should know for...*

## Industrial & Commercial Facilities

Best Management Practices (BMPS) for:

- Industrial Facilities
- Commercial Facilities



# YOU can prevent Stormwater Pollution following these practices...

## Industrial and Commercial Facilities

The Riverside County Stormwater Program has identified a number of Best Management Practices (BMPs) for Industrial and Commercial Facilities. These BMPs control and reduce stormwater pollutants from reaching our storm drain system and ultimately our local water bodies. City and County ordinances require businesses to use these BMPs to protect our water quality. Local cities and the County are required to verify implementation of these BMPs by performing regular facility inspections.

### Prohibited Discharges

Discontinue all non-stormwater discharges to the storm drain system. It is *prohibited* to discharge any chemicals, paints, debris, wastes or wastewater into the gutter, street or storm drain.

### Outdoor Storage BMPs

- Install covers and secondary containment areas for all hazardous materials and wastes stored outdoors in accordance with County and/or City standards.
- Keep all temporary waste containers covered, at all times when not in use.
- Sweep outdoor areas instead of using a hose or pressure washer.
- Move all process operations including vehicle/equipment maintenance inside of the building or under a covered and contained area.
- Wash equipment and vehicles in a contained and covered wash bay which is closed-loop or connected to a clarifier sized to local standards and discharged to a sanitary sewer or take them to a commercial car wash.



### Spills and Clean Up BMPs

- Keep the work site clean and orderly. Remove debris in a timely fashion. Sweep up the area.
- Clean up spills immediately when they occur, using dry clean up methods such as absorbent materials or sweep followed by proper disposal of materials.

- Always have a spill kit available near chemical loading dock doors and vehicle maintenance and fueling areas.
- Follow your Business Emergency Plan, as filed with the local Fire Department.
- Report all prohibited discharges and non-implementation of BMPs to your local Stormwater Coordinator as listed on the back of this pamphlet.
- Report hazardous materials spills to 951-358-5055 or call after hours to 951-782-2973 or, if an emergency, call the Fire Department's Haz Mat Team at 911.



## Plastic Manufacturing Facilities BMPs

AB 258 requires plastic product manufacturers to use BMPs, such as safe storage and clean-up procedures to prevent plastic pellets (nurdles) from entering the waterway. The plastic pellets are released into the environment during transporting, packaging and processing and migrate to waterways through the storm drain system. AB 258 will help protect fish and wildlife from the hazards of plastic pollution.

### Training BMPs

As prescribed by your City and County Stormwater Ordinance(s), train employees in spill procedures and prohibit non-stormwater discharges to the storm drain system. Applicable BMP examples can be found at [www.cabmphandbooks.com](http://www.cabmphandbooks.com).

### Permitting

Stormwater discharges associated with specific categories for industrial facilities are regulated by the State Water Resources Control Board through an Industrial Stormwater General Permit. A copy of this General Permit and application forms are available at: [www.waterboards.ca.gov](http://www.waterboards.ca.gov), select stormwater then the industrial quick link.

To report illegal dumping or for more information on stormwater pollution prevention call: 1-800-506-2555 or e-mail us at: [fcnpdes@rcflood.org](mailto:fcnpdes@rcflood.org).

# RIVERSIDE COUNTY WATER DISTRICTS:

Beaumont-Cherry Valley Water District  
[www.bcvwd.org](http://www.bcvwd.org)  
BCVWD Service Boundary and SOI Map

Lake Hemet Municipal Water District  
[www.lhmwd.org](http://www.lhmwd.org)  
LHMWD Service Boundary and SOI Map

Cabazon County Water District  
[www.cabazonwater.org](http://www.cabazonwater.org)  
CCWD Service Boundary and SOI Map

Metropolitan Water District  
[www.mwdh2o.com](http://www.mwdh2o.com)  
MWD Service Boundary and SOI Map

Chiriaco Summit County Water District  
[www.cswaterdistrict.org](http://www.cswaterdistrict.org)  
CSCWD Service Boundary and SOI Map

Pine Cove Water District  
[www.pcwd.org](http://www.pcwd.org)  
PCWD Service Boundary and SOI Map

Coachella Valley Water District  
[www.cvwd.org](http://www.cvwd.org)  
CVWD Service Boundary and SOI Map

Pinyon Pines County Water District  
[www.pinyonpinescwg.ca.gov](http://www.pinyonpinescwg.ca.gov)  
PPCWD Service Boundary and SOI Map

Desert Water Agency  
[www.dwa.org](http://www.dwa.org)  
DWA Service Boundary and SOI Map

Rancho California Water District  
[www.ranchowater.com](http://www.ranchowater.com)  
RCWD Service Boundary and SOI Map

Eastern Municipal Water District  
[www.emwd.org](http://www.emwd.org)  
EMWD Service Boundary and SOI Map

Rubidoux Community Services District  
[www.rcsd.org](http://www.rcsd.org)  
RCSD Service Boundary and SOI Map

Elsinore Valley Municipal Water District  
[www.evmwd.com](http://www.evmwd.com)  
EVMWD Service Boundary and SOI Map

San Bernardino Valley Municipal Water District  
[www.sbvmd.com](http://www.sbvmd.com)  
SBVMWD Service Boundary and SOI Map

Fern Valley Water District  
[fernvalleywater.com](http://fernvalleywater.com)  
FVWD Service Boundary and SOI Map

Temescal Valley Water District  
[www.temescalvwd.com](http://www.temescalvwd.com)  
TVWD Service Boundary and SOI Map

High Valleys Water District  
[highvalleyswater.com](http://highvalleyswater.com)  
HVWD Service Boundary and SOI Map

Western Municipal Water District  
[www.wmwd.com](http://www.wmwd.com)  
WMWD Service Boundary and SOI Map

Idyllwild Water District  
[www.idyllwildwater.com](http://www.idyllwildwater.com)  
IWD Service Boundary and SOI Map

Yucaipa Valley Water District  
[www.yvwd.dst.ca.us](http://www.yvwd.dst.ca.us)  
YVWD Service Boundary and SOI Map

Mission Springs Water District  
[www.ms wd.org](http://www.ms wd.org)  
MSWD Service Boundary and SOI Map

Jurupa Community Services District  
[www.jcsd.us](http://www.jcsd.us)  
JCSD Service Boundary and SOI Map