



August 31, 2021

Andrew Karabon
Development Manager
Molto Properties, LLC
One Lincoln Centre
18W140 Butterfield Road, Suite 750
Oakbrook Terrace, Illinois 60181

RE: Phase I Environmental Site Assessment
Approximately 17-Acre Vacant Land
27050 Palmetto Avenue
Redlands, San Bernardino, California 92374
V3 Project No.: 210628

Dear Mr. Karabon:

V3 Companies (V3) has completed a Phase I *Environmental Site Assessment (ESA)* of the above-referenced Site. The results of this assessment are provided in the enclosed project report. This environmental assessment has been conducted under the guidance and protocols of the *American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (Standard E1527-13)* and the U.S. EPA December 30, 2013 Standards and Practices for “*All Appropriate Inquiries*”; Final Rule (40 CFR Part 312).

V3 is providing this electronic version of the report for your review. If you have any questions regarding the findings provided in this document, please contact us at (630) 724-9200. V3 has enjoyed working with you on this project, and hopes to be of further service in the future.

Sincerely,
V3 COMPANIES

A handwritten signature in blue ink that reads "Elaine Petkovsek".

Elaine Petkovsek, P.E.
Project Manager

EP/vh/aa

Enclosure: Phase I Environmental Site Assessment Report

**PHASE I
ENVIRONMENTAL SITE
ASSESSMENT**



PROJECT SITE:

Approximately 17-Acre Vacant Land

27050 Palmetto Avenue
Redlands, San Bernardino, California 92374

PREPARED FOR:

Molto Properties, LLC
One Lincoln Centre
18W140 Butterfield Road, Suite 750
Oakbrook Terrace, Illinois 60181

PREPARED BY:

V3 Companies
7325 Janes Avenue
Woodridge, Illinois 60517
(630) 724-9200

August 31, 2021

V3 Project Number: 210628

**SIGNATURES OF ENVIRONMENTAL PROFESSIONALS
THAT PERFORMED PHASE I ENVIRONMENTAL SITE ASSESSMENT**

This Phase I Environmental Site Assessment report has been prepared by V3 Companies (V3), on behalf of the User, in general conformance with the scope and limitations of *American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (Standard E1527-13)* and the U.S. EPA December 30, 2013 Standards and Practices for “*All Appropriate Inquiries*”; Final Rule (40 CFR Part 312), unless otherwise noted herein.

We declare that, to the best of our professional knowledge and belief, we meet the definition of *environmental professional* as defined in the “*All Appropriate Inquiries*”, Final Rule (40 CFR 312.10), and have the required specific qualifications related to education, training, and experience. We have developed and performed all appropriate inquiry in general conformance with the standards and practices set forth in 40 CFR, Part 312.



Valerie Hofmann, CHMM, Project Scientist



Elaine A. Petkovsek, P.E., Project Manager

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY.....	1
1.1 Recognized Environmental Conditions.....	1
1.2 Controlled Recognized Environmental Conditions.....	1
1.3 Historical Recognized Environmental Conditions.....	1
1.4 Identified Data Gaps.....	2
1.5 Limiting Conditions or Deviations from Scope of Services.....	2
1.6 ASTM E 1527 Non-Scope Considerations.....	2
1.7 Limitations.....	2
2.0 INTRODUCTION.....	2
2.1 Site Location and Legal Description.....	3
2.2 Current Use and Site Description.....	3
2.3 Purpose & Standards.....	3
2.4 Scope of Services.....	4
2.5 Assumptions, Limitations & Exceptions.....	5
2.6 Special Terms and Conditions.....	5
2.7 User Reliance.....	5
2.8 Definitions and Acronyms.....	6
2.9 Published References.....	6
3.0 USER PROVIDED INFORMATION.....	7
4.0 RECORDS REVIEW.....	7
4.1 Records Pertaining to Physical Setting.....	7
4.2 State and Federal Database Search.....	8
4.2.1 Site.....	8
4.2.2 Adjoining and Nearby Properties.....	8
4.3 Local Records.....	10
4.4 Previous ESA and/or Site Investigation Reports.....	11
4.5 Title Records.....	11
4.6 Historical Records Review.....	11
4.6.1 Records Reviewed.....	11
4.6.2 Past Use of the Site.....	12
4.6.3 Past Use of the Adjoining Properties.....	12
4.7 Vapor Encroachment Screen.....	13
5.0 SITE RECONNAISSANCE.....	13
5.1 Limiting Conditions Regarding Methodology.....	13
5.2 General Characteristics of Site Vicinity.....	13
5.3 Adjoining Properties.....	14
5.4 Description of Site, Site Structures, Roadways and Other Improvements.....	14
5.5 Site Utilities.....	14
5.6 Hazardous Substances and Petroleum Products.....	14
5.7 Solid Waste Storage and Disposal.....	14
5.8 Stormwater/Wastewater.....	14
5.9 Floor Drains or Sumps.....	14
5.10 Storage Tanks.....	14

5.11	Polychlorinated Biphenyls (PCBs)	15
5.12	Pits, Ponds or Lagoons	15
5.13	Other Conditions Observed	15
6.0	INTERVIEWS	15
6.1	Interviews with User, Owners and Occupants	15
6.2	Interviews with State and Local Government Officials	16
7.0	FINDINGS AND CONCLUSIONS	16
7.1	Recognized Environmental Conditions	16
7.2	Controlled Recognized Environmental Conditions	16
7.3	Historical Recognized Environmental Conditions	17
7.4	Identified Data Gaps	17
7.5	Limiting Conditions or Deviations from Scope of Services	17
8.0	ASTM E1527 NON-SCOPE SERVICES	17

FIGURES

Figure 1 - Site Location Map

Figure 2 – Surrounding Properties Map

APPENDICES

Appendix A	Qualifications of Environmental Professionals
Appendix B	Site Legal Description/Plat of Survey/Site Plan
Appendix C	Assumptions, Limitations & Exceptions
Appendix D	User/Owner Questionnaires & Interview Documentation
Appendix E	Regulatory Records Database Report
Appendix F	Federal, State & Local Records
Appendix G	Previous Reports
Appendix H	Title Records
Appendix I	Historical Records & Maps
Appendix J	Vapor Encroachment Screening Document
Appendix K	Site Photographs
Appendix L	Definitions & Acronyms

LIST OF ACRONYMS

AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
AULs	Activity and Use Limitations
BFPP	Bona Fide Prospective Purchaser
BGS	Below Ground Surface
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CREC	Controlled Recognized Environmental Condition
EPCRA	Emergency Planning and Community Right to Know Act
ERNS	Emergency Response Notification System of Spills
ESA	Environmental Site Assessment
FOIA	Freedom of Information Act
HREC	Historical Recognized Environmental Condition
LLPs	Landowner Liability Protections
NFA	No Further Action
NFR	No Further Remediation
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List (Superfund Sites)
OSHA	Occupational Safety and Health Administration
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
SARA	Superfund Amendments and Reauthorization Act
SPCC	Spill Prevention, Control and Countermeasures
TRI	Toxic Release Inventory
TSCA	Toxic Substances Control Act
TSDF	Treatment, Storage or Disposal Facility
USEPA	United States Environmental Protection Agency
USGS	United States Geologic Survey
UST	Underground Storage Tank
VEC	Vapor Encroachment Condition
VES	Vapor Encroachment Screen

A list of definitions and acronyms pertinent to regulatory records database is provided in the EDR regulatory database record report in **Appendix E** and those pertinent to the AAI/ASTM ESA process are provided in **Appendix L**.

1.0 EXECUTIVE SUMMARY

V3 Companies (V3) has completed a Phase I *Environmental Site Assessment (ESA)* of the Approximately 17-Acre Vacant Land located at 27050 Palmetto Avenue , Redlands, California (Site). This *environmental site assessment* has been conducted under the guidance and protocols of the *American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (Standard E1527-13)* and the U.S. EPA December 30, 2013 Standards and Practices for “*All Appropriate Inquiries*”; Final Rule (40 CFR, Part 312).

V3 prepared this Executive Summary solely to provide a general overview. The Executive Summary omits a number of details, any one of which could be crucial to the proper application of this report. The full report should be reviewed for further information about findings, recommendations, and other concerns identified during this assessment.

Site History and Description

The approximately 17-acre Site consists of two Lots: Lot 1 is on the west portion of the Site and consists of 9.6-acres and Lot 2 is on the east portion of the Site and consists of 7.35-acres. The Site was used as an orchard since at least 1930 to 1975. The Site appears as vacant land from 1975 to approximately 1985. The Site was used for farming purposes from approximately 1989 to 2014. The Site has been vacant since approximately 2014. The Site is located in a mixed-use commercial, light industrial, and agricultural area.

The findings of this assessment are summarized below.

1.1 Recognized Environmental Conditions

A *Recognized Environmental Condition (REC)* is defined by ASTM E1527-13 as “the presence or likely presence of any *hazardous substances or petroleum products* in, on, or at a *property*: (1) due to *release to the environment*; (2) under conditions indicative of a *release to the environment*; or (3) under conditions that pose a *material threat* of a future *release to the environment*. *De minimis* conditions are not *recognized environmental conditions*.” (Italics denote terms with specific ASTM definitions).

This assessment has revealed no evidence of RECs in connection with the Site.

1.2 Controlled Recognized Environmental Conditions

A *Controlled Recognized Environmental Condition (CREC)* is defined by ASTM E1527-13 as “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 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*).”

This assessment has revealed no evidence of CRECs in connection with the Site.

1.3 Historical Recognized Environmental Conditions

A *Historical Recognized Environmental Condition (HREC)* is defined by ASTM E 1527-13 as “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*)” and is not considered a REC in connection with the past *release* at the time this *Phase I ESA* was conducted.

This assessment has revealed no evidence of HRECs in connection with the Site.

1.4 Identified Data Gaps

Under the ASTM/AAI standards, if *data gaps* are identified during the ESA process, the *environmental professional must* comment on their significance and whether such gaps affect the overall findings. A *data gap* is defined by ASTM E1527-13 as “a lack of or inability to obtain information required this practice despite *good faith* efforts by the *environmental professional* to gather such information.” A *data gap* is significant if other information and/or professional experience raises reasonable concerns involving the *data gap*.

Significant *data gaps* were not identified.

1.5 Limiting Conditions or Deviations from Scope of Services

During the performance of this ESA, the Site was traversed in approximately 100-foot intervals. Although this is a limiting condition, it is not significant because the Site could be viewed at these intervals because the Site is covered with low-growing vegetation (less than one foot in height).

1.6 ASTM E 1527 Non-Scope Considerations

The *User* did not elect to inquire into Non-Scope Considerations in connection with this practice and non-scope considerations are not required for appropriate inquiry as defined in this practice.

1.7 Limitations

The findings, opinions and conclusions of this ESA are not scientific certainties, but rather, probabilities based on professional judgment concerning the significance of the data gathered during the course of the environmental investigation. V3 is not able to represent that the Site or adjoining land contains no hazardous waste, oil, or other latent conditions beyond that detected or observed by V3 during the ESA. The possibility always exists for contaminants to migrate through surface water, air, or groundwater. The ability to completely address the environmental risk associated with transport in these media is beyond the scope of this investigation.

2.0 INTRODUCTION

V3 Companies (V3) performed a Phase I Environmental Site Assessment (*ESA*) of the Approximately 17-Acre Vacant Land at 27050 Palmetto Avenue Redlands, California (Site). The assessment was performed by the following *environmental professionals*: Ms. Valerie Hofmann, CHMM, Project Scientist and Ms. Elaine A. Petkovsek, P.E., Project Manager. The professional credentials of the project team are provided in **Appendix A**. A Site Location Map is provided as **Figure 1**, and Surrounding Properties Map provided as **Figure 2**.

2.1 Site Location and Legal Description

Site Name	Approximately 17-Acre Vacant Land	
Site Address	27050 Palmetto Avenue , Redlands, California, 92374	
Township & Range	Section 17, Township 1S, Range 3W, of the San Bernardino, CA Meridian	
Location	The Site is located approximately 630 feet north of the intersection at Palmetto Avenue and Nevada Street.	
Legal Description	See Appendix B or Appendix H for Site legal description.	
PIN #(s)	0292-041-08-0000 (Lot 1)	0292-041-44-0000 (Lot 2)

An ALTA/ACSM Land Title Survey, prepared by Thienes Engineering, Inc. and dated August 2021, is provided in **Appendix B**.

2.2 Current Use and Site Description

Current Occupant & Use	The Site is unimproved vacant land.
Site Description	The approximately 17-acre Site consists of two Lots: Lot 1 is the west portion and consists of 9.6-acres of land; Lot 2 is the east portion and consists of 7.35-acres of land. The northwest corner of Lot 1 is a storage area for roll-off containers. The Site has a chain-link fence along its north boundary, and the west and central portions of the south boundary. A retaining wall from the adjoining south/east development extends to the east portion of the south boundary and the entire east boundary (Lot 2). The Site was covered with dried grass with bare patches of sandy soil. The Site is located in a mixed-use commercial, light industrial, and agricultural, area.

2.3 Purpose & Standards

Purpose of the Phase I ESA

V3 understands that the *User* intends to purchase the Site. This Phase I ESA was conducted for the purpose of assessing the environmental condition of, and identifying *recognized environmental conditions* in connection with, the Site taking into account commonly known and *reasonably ascertainable* information. The Phase I ESA might also allow a *User* to satisfy one of the requirements related to qualifying as an innocent landowner, contiguous property owner, or *bona fide prospective purchaser*, relative to potential CERCLA liability.

Applicable Standards

The Phase I *ESA* process constitutes *all appropriate inquiries* into the previous ownership and uses of the *property*, consistent with good commercial or customary practice – as defined in 42 U.S.C §9601(35)(B), and provides defenses referred to as “*landowner liability protections*” (“*LLPs*”).

Nationwide ESA procedures and protocols have been established relative to the content, performance, and documentation of the environmental assessment process. These procedures are defined in the standards identified below.

- American Society of Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (Standard E1527-13).
- U.S. EPA December 30, 2013 Standards and Practices for “*All Appropriate Inquiries*”; Final Rule (40 CFR Part 312).

These standards are referred to throughout this report as “ASTM” and “AAI”, respectively. The goal of the processes established in these standards is to identify recognized environmental conditions (RECs) in connection with the Site. RECs are defined by ASTM E1527-13 as “the presence or likely presence of any *hazardous substances or petroleum products* in, on, or at a *property* (1) due to any *release* to the *environment*; (2) under conditions indicative of a *release* to the *environment*; or (3) under conditions that pose a *material threat* of a future *release* to the *environment*. *De minimis* conditions are not *recognized environmental conditions*.” (Italics denote terms with specific ASTM definitions). V3 has conducted and developed this ESA in general accordance with these standards.

ASTM defines *property* as “...the real *property* that is the subject of the *environmental site assessment*...”. For purposes of this report, the term “Site” has the same meaning as *property*.

2.4 Scope of Services

This ESA has been prepared and conducted under the guidance and protocols of the ASTM/AAI standards identified above, as set forth in V3’s proposal and terms with (Molto Properties, LLC), dated July 12, 2021. In general, the evaluation process primarily consists of a review of historical and current records and information, a site visit, and an interview of informed individuals. V3 has conducted this assessment consistent with that level of care and skill that is standard to the industry. The ASTM standards are not intended to represent or replace the standard of care by which the adequacy of a given professional service must be judged.

Limiting Conditions or Deviations from Scope of Services

During the performance of this ESA, there were limiting conditions with site reconnaissance activities identified in **Section 5.1**.

Non-ASTM Scope Considerations

The ASTM standard specifically identifies the services listed in the table below as Non-Scope Considerations (i.e., not within the standard scope of work). As such, the evaluation of these factors is considered an additional service. Non-scope considerations requested by the User, to be performed in conjunction with this assessment, are identified below. The specific scope of work for any requested additional services performed is documented in **Section 8.0**.

Non-Scope Activities	Performed	Not Requested
Asbestos-Containing Building Materials		X
Radon		X
Wetlands		X
Regulatory Compliance		X
Industrial Hygiene		X
Ecological Resources		X
Indoor Air Quality		X
Lead-based Paint		X
Mold		X
Lead in Drinking Water		X
Cultural and Historic Resources		X
Health and Safety		X
Endangered Species		X
Biological Agents		X

2.5 Assumptions, Limitations & Exceptions

Assumptions, Limitations and Exceptions are documented in **Appendix C**.

2.6 Special Terms and Conditions

V3 is not affiliated with the borrower or any other parties to this transaction. This Phase I ESA report is intended to be used in its entirety. No portion of it may be deleted or used out of context without the written consent of V3. The information and opinions contained in this report are time-sensitive and represent our evaluation of the environmental Site conditions at the time the services were provided. This report was prepared for a limited use involving a single transaction, as set forth herein, and may not be used for any other purpose without the written consent of V3.

Both the ASTM and AAI standards identify certain individuals as having specific obligations related to completion of the ESA process, as noted below:

User - the party seeking to use Practice E 1527-13 to complete an *environmental site assessment* of the *property*. A *User* may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The *User* has specific obligations for completing a successful application of the practice as outlined in **Section 6** of the *ASTM E1527-13* standard.

Environmental Professional (EP) – a person who possesses sufficient specific education, training, and experience necessary to exercise professional judgment or develop opinions and conclusions regarding conditions indicative of releases or threatened releases on, at, in, or to a property, sufficient to meet the objectives and performance factors specified in the ASTM standard.

The following table identifies the responsibilities of these individuals relative to the execution of the ESA. The *User* is identified later in this report, and information provided by this individual is included and identified within this ESA report.

AAI Component	User	EP
Inquiry		X
Visual Inspections		X
Interviews		X
Reviews of Historical Sources		X
Reviews of Government Records		X
Search for Environmental Liens and Activity and Use Limitations (AULs)	X	
Consider “specialized <i>knowledge or Experience</i> ”	X	
Consider relationship of purchase price to fair market value of property, if contaminated	X	
Consider “commonly known” or “ <i>reasonably ascertainable</i> ” information	X	X
Consider “degree of obviousness of contamination”	X	X

2.7 User Reliance

This report has been prepared on behalf of Molto Properties, LLC and LDC Industrial Realty LLC and may not be relied upon or disseminated to any third person or entity, other than a commercial financial institution or other lender providing financing for the acquisition or improvement of the Site, as of the

date of this report. Use of this report by any third party or entity is expressly prohibited without the written authorization of Molto Properties, LLC and V3. As a condition precedent to such use, such third party or entity shall agree to be bound by the same contractual terms as those between V3 and Molto Properties, LLC, including those regarding indemnification and limitation of liability.

2.8 Definitions and Acronyms

An abbreviated list of acronyms pertinent to the AAI/ASTM ESA process and pertinent to regulatory records precedes the Executive Summary herein and a comprehensive list of definitions and acronyms is provided in the regulatory records database report in **Appendix E** and in **Appendix L**.

2.9 Published References

The following published documents are referenced in relationship to the execution of this ESA:

ASTM Standards:

E1527-13 Standard for Phase I Environmental Site Assessments

E2091 Guide for Use of Activity and Use Limitations, Including Institutional and Engineering Controls

E2600-15 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions

Federal Statutes:

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA" or "Superfund"), as amended by Superfund Amendments and Reauthorization Act of 1986 ("SARA") and Small Business Liability Relief and Brownfields Revitalization Act of 2002 ("Brownfields Amendments"), 42 U.S.C. §9601 et seq.

Emergency Planning and Community Right-To-Know Act of 1986 ("EPCRA"), 42, U.S.C. §1101 et seq.

Freedom of Information Act, 5 U.S.C. §552, as amended by Public Law No. 104-231, 110 Stat. 3048

Resource Conservation and Recovery Act (also referred to as the Solid Waste Disposal Act), as amended ("RCRA"), 42 U.S.C §9601 et seq.

USEPA Regulations:

"All Appropriate Inquiries" Final Rule, 40 C.F.R. Part 312

Chapter 1 EPA, Subchapter J-Superfund, Emergency Planning, and Community Right-To-Know Programs, 40 C.F.R Parts 300-399

National Oil and Hazardous Substances Pollution Contingency Plan, 40 C.F.R. Part 300

Other Federal Regulations:

OSHA Hazardous Communication Regulation, 29 C.F.R. §1910.1200

Additional documents reviewed as part of this assessment are identified in the appropriate sections of this report.

3.0 USER PROVIDED INFORMATION

Under the ASTM standard, the *User* is defined as “the party seeking to use Practice E1527 to complete an environmental site assessment of the *property*. A *User* may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an *owner* of *property*, a lender, or a *property* manager.”

In the context of this ESA, the *User* is Molto Properties, LLC. The ASTM standard specifies that the *User* is required to identify any special terms and conditions which must be agreed upon by the EP prior to the initiation of the ESA. In addition, the *User* must provide specific information to the EP during the performance of the ESA and is required to complete a questionnaire related to their individual knowledge of environmental issues at the Site.

The questionnaire completed by the *User’s* authorized representative, is provided in **Appendix D**. Any previous reports provided by the *User* are documented in **Section 4.4**. Other pertinent information obtained from the *User* is documented in appropriate sections of this report including **Section 6.1**.

4.0 RECORDS REVIEW

4.1 Records Pertaining to Physical Setting

A variety of data pertaining to the physical setting of the Site is provided in the “Geocheck” section of the Environmental Data Resources, Inc. (EDR) report dated 08/25/2021 in **Appendix E**. Additional data was obtained through observations made during the site visit and a review of maps and other published documents identified below. The physical setting of the Site is summarized as follows:

USGS Topographic Map	2012 Redlands, CA, 7.5 Minute
Property Elevation	Approximately 1190 to 1200 feet above mean sea level (based on USGS Topographic Map)
Surface Topography	Relatively flat
Regional Topography	The regional topography appears to slope in a general westerly direction
Site Features	Lot 1 consists of 9.6-acres of unimproved land. Roll-off containers were observed on the northwest corner of Lot 1 during the site visit. Lot 2 consists of 7.35-acres of unimproved land. The Site has a chain-link fence along its north boundary, and the west and central portions of the south boundary. A retaining wall from the adjoining east/south development extends to the east portion of the south boundary and the entire east boundary (Lot 2). The Site was covered with dried grass with bare patches of sandy soil. The Site is located in a mixed-use commercial, light industrial, and agricultural, area.

Regional/Local Geology: Based on a review of the USDA Soil Resource Conservation Service (SCS) and National Cooperative Soil Survey (NCSS) data obtained from the EDR Geocheck Physical Setting Source Map Findings Report, the predominant soil type in the area of the Site is comprised of Hanford sandy loam, moderately well to well drained soils, with moderate infiltration rates. The AASHTO Group soil classification is granular materials, stone fragment, and gravel and sand. The Unified Soil classification is coarse-grained soils, sands, and silty sand.

Hydrogeology: Based on regional topography and physical setting, inferred groundwater flow within the near surface sediments of the Site is assumed to follow topography and would likely flow to the west/northwest towards the Santa Ana River, located approximately ¼-miles north of the Site. Several

groundwater studies conducted on surrounding properties to the north and west within ¼-mile radius of the Site indicate groundwater flow is towards the west. Refer to **Section 4.2** and **4.2.2** for more information.

4.2 State and Federal Database Search

An ASTM radius search was performed by EDR regulatory database record search, which obtains updated environmental database information from *Standard Federal, State, and Tribal Environmental Record Sources and supplemental federal, state, tribal, and local record sources*. The following sections provide a summary of State and Federal regulatory record review related to the Site and nearby properties and notable EDR regulatory database listings. V3 determined that listed properties that are not discussed herein are not likely to impact the Site. The complete list of databases reviewed by EDR and a summary of their results are provided in EDR’s report in **Appendix E**.

State and Federal Regulatory Record Review

The following table summarizes State and Federal agency regulatory record review. Pertinent information is incorporated into the appropriate sections below. The documentation received and reviewed is presented in **Appendix F**.

Agency	Requested	Received	Comment
California Environmental Protection Agency	X	X	Requested LUST technical file for a property located north of the Site; Superfund technical files for former Norton Air Force Base located north the Site; and California Street Landfill located west of the Site. Records obtained online via US EPA and California EPA on-line databases.
US EPA	X	X	

Records were not received via FOIA request prior to the issuance of this report, which represents a data gap; however, V3 obtained technical files and historical information for the LUST Incident, Norton Air Force Base (AFB), and California Street Landfill, online at the California Environmental Protection Agency data portal website at [GeoTracker \(ca.gov\)](http://GeoTracker.ca.gov) and the California Department of Toxic Substances Control EnviroStor data portal website at www.envirostor.dtsc.ca.gov; US EPA website at the <https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0902760>; and the Air Force Civil Engineer Center website at <https://www.afcec.af.mil/Home/BRAC/Norton/Cleanup.aspx>. Based on review of these sources, the data gap is not significant. Because of their large volume, only select copies of reports and documents obtained from these sources are provided in **Appendix F**. Refer to Section **4.2.2** for more information.

4.2.1 Site

The Site was not listed in EDR’s database report for Standard Federal, State, and Tribal Environmental Record Sources.

4.2.2 Adjoining and Nearby Properties

V3 identified the following adjoining/nearby properties that have a potential to impact the Site:

Facility Name:	California Street Landfill
Address:	2151 Nevada Street, Redlands, CA 92373
Distance (ft) / Direction:	Approximately 400 feet west of the Site, past Nevada Street and an orchard.

Gradient:	Down-gradient		
SWF/LF	Facility ID #36-AA-0017 Primary waste: Nonhazardous solid waste/influent (garbage, trash, refuse, paper, demolition and construction wastes, vegetable or animal solid and semisolid waste).	Status	Active (based on site visit)
Comments:	<p>The California Street Landfill (CSL) is an approximately 115-acre, active landfill owned and operated by the City of Redlands. Since 1963, the CSL accepted municipal solid wastes generated within the City of Redlands consisting primarily of residential, commercial, industrial waste, and dried sewage sludge from the City of Redlands wastewater treatment plant. The landfill does not accept hazardous waste.</p> <p>Several environmental investigations were conducted since the mid-1980s involving the collection of groundwater samples for analysis of chemical of concern, including but not limited to, volatile organic compounds (VOCs). According to previous environmental reports, groundwater has been impacted by VOCs. Laboratory data associated with groundwater samples collected from two monitoring wells on the east side of the landfill (between the landfill and the Site); B-11 and B-12, was reviewed. Although there were some detections of VOCs in the groundwater samples, the highest detections were two orders of magnitude below vapor intrusion screening levels; therefore, this facility does not represent evidence of a REC in connection with the Site. In addition, the reports document that groundwater flows to the west, away from the Site. Figures extracted from previous environmental reports showing the locations of the groundwater wells and groundwater data are provided in Appendix F.</p>		

Facility Name:	Redlands City CA Street Landfill		
Address:	1950 Nevada Street, Redlands, CA 92373		
Distance (ft) / Direction:	The EDR radius report mapped the facility on the western adjoining property. Based on Google Earth, this facility is located on the northern adjoining property, which is the City of Redlands Wastewater Treatment Plant.		
Gradient:	Down-gradient		
CERS HAZWASTE:	Site ID#106286; facility name listed as City Redlands-Wastewater Treatment Facility. Facility is listed as hazardous waste generator; type(s) of hazardous waste not provided.	Status	Active (based on site visit)
CERS TANKS:	Site ID #106286; facility name listed as City of Redlands-Wastewater Treatment Facility.	Status	(1) petroleum AST; type of petroleum product or capacity of tank not provided.
LUST:	Case #93014; release occurred on 04/08/1993, product release listed as diesel and gasoline	Status	No Further Action (NFA) letter issued 04/19/1995
Comments:	California EPA records confirm a release of diesel and gasoline occurred on 04/08/1993 during removal of a UST. According to records, soil was impacted as a result of the release. Impacted soil was excavated on 12/6/1994 and disposed of offsite. An NFA letter was issued by the County Environmental Health Services Department on 04/19/1995. The Site is upgradient of the wastewater treatment plant. Based on regulatory closure, no documentation that groundwater was impacted, and gradient, LUST Case #93014 does not represent evidence of a REC.		

Facility Name:	Norton Air Force Base
Address:	I-10/US 395 Former Norton AFB, San Bernardino, CA / 305 S. Tippecanoe Avenue, San Bernardino, CA 92408
Distance/Direction:	Approximately ¼-mile north of the Site, past the Santa Ana River.
Gradient:	Down-gradient
Comments:	<p>Norton Air Force Base (AFB) covers approximately 2,036-acres near the City of San Bernardino, San Bernardino County, California. The base began operations in 1942. Operations at the Norton AFB included jet engine and repair of aircraft; and maintenance and logistics for liquid fuel intercontinental ballistic missiles. The burial of drums; disposal of waste oils, solvents, and paint residues into landfills, unlined pits, ponds, and drying beds; leaking underground tanks; and spills of oils, solvents, PCBs, and acidic plating solutions occurred on the site. Norton AFB was placed on the US EPA's National Priority List (NPL) due to TCE in groundwater in 1987.</p> <p>Norton AFB is in the Installation Restoration Program (IRP). Under this program, the Department of Defense (DOD) identifies, investigates, and remediates contamination from hazardous materials at IRP sites. Previous environmental reports document 20 to 22 IRP sites located at the Norton AFB. The Base has been divided into two groups, referred to as operable units (OUs), that consist of the IRP sites.</p> <p>Several environmental investigations were conducted since 1985 involving the excavation of impacted soils; treatment of impacted groundwater; and collection of soil and groundwater samples for analysis of chemicals of concern, including: volatile organic compounds (VOCs); total petroleum hydrocarbons (TPH); polynuclear aromatic hydrocarbons (PAHs); methane; dioxins; PCBs; and heavy metals. Environmental investigation reports document groundwater flow to the west/southwest and plumes of groundwater contamination migrated offsite to the west and southwest. Figures extracted from previous environmental reports showing the IRPs, OUs, and groundwater contamination plumes are provided in Appendix F. Based on the information presented the closest groundwater plume of contamination is located approximately 1.5-miles northwest of the Site. The Site is upgradient of the Norton AFB and separated by the Santa Ana River; the river serves as a hydraulic barrier and reduces potential for contamination migrating onto the Site. For these reasons, this facility does not represent evidence of a REC in connection with the Site.</p>

4.3 Local Records

The following local agencies were contacted and databases reviewed with regard to pertinent information and potential environmental issues related to the Site or adjoining properties. Copies of applicable data and records of phone conversations (if any) are provided in **Appendix F** and summarized below.

San Bernardino Assessor: The Site use is listed as agricultural land. Lot 1 (west portion of the Site) consists of 9.6-acres of land with listed PIN 0292-041-08-0000. Lot 2 (east portion of the Site) consists of 7.35-acres of and land with listed PIN 0292-041-44-0000.

City of Redlands Building Department: Records were not returned prior to the issuance of this report, which represents a data gap; however, based on information obtained from other sources, it is not significant.

City of Redlands Fire Department: Records were not returned prior to the issuance of this report, which represents a data gap; however, based on information obtained from other sources, it is not significant.

San Bernardino Health Department: Records were not returned prior to the issuance of this report, which represents a significant data gap; however, based on information obtained from other sources, it is not significant.

4.4 Previous ESA and/or Site Investigation Reports

Previous environmental reports were not provided.

4.5 Title Records

The *User* provided a title commitment document, dated July 6, 2020, updated July 14, 2021, prepared by First American Title Insurance Company. V3 reviewed this document relative to applicable site information including records related to environmental liens or activity and use limitations (AULs). The commitment document is included in **Appendix H** and the pertinent information is provided below.

Property Record	Comment
Current Title Holder	City of Redlands, Municipal Corporation
Leases	Leases suggesting environmental concerns were not apparent
Environmental Liens	Environmental Liens were not recorded
Activity and Use Limitations (AULs)	Institutional/engineering controls were not recorded

4.6 Historical Records Review

4.6.1 Records Reviewed

Multiple historic sources were reviewed to gain an understanding of the Site history, including standard ASTM E1527-13 historical sources. In accordance with the standard, those sources that were both *reasonably ascertainable* and available within project constraints, and/or that were judged likely to be useful for the purposes of this ESA, are listed on the following table. Copies of these documents are provided in **Appendix I** and other appendices, as appropriate.

Historical Document	Reasonably Ascertainable/ Available	Source/dates (if applicable)	Comments
Aerial Photographs	Yes	EDR (1930-2016)	Limited in usefulness due to scale/resolution Sections 4.6.2 and 4.6.3
Fire Insurance Maps	No	EDR (08/23/2021)	No map coverage
Property Tax Files	Yes	San Bernardino County	Section 4.3
Recorded Land Title Records	Yes	First American Title Insurance Company (07/06/2020, updated 07/14/2021)	Section 4.5
Topographic Maps	Yes	EDR (1899-2012)	Sections 4.6.2 and 4.6.3
Local Street Directories	Yes	EDR (08/27/2021)	Sections 4.6.2 and 4.6.3
Regulatory Records	Yes	EDR (08/23/2021)	Section 4.2
Interviews	Yes	Various	Section 6.0
Other Historical Data	Yes	Google Earth	Section 4.4

N/A – Not Applicable

4.6.2 Past Use of the Site

Based on review of the available sources/records reviewed, historical uses of the Site are identified below:

YEAR(s)	SITE USE
1899-1901	The Site is vacant land. No structures are present. Palmetto Avenue is present
1930-1975	The Site is an orchard. City Directories list Doris Marshburn as the occupant of the Site. Nevada Street is present.
1985	The Site is no longer used as an orchard and is appears as vacant land. No structures are present.
1989-2014	Rows traverse the Site in an east-west direction. The 2009 aerial photograph shows a building on the southeast corner of Lot 2. The building is gone in the 2012 aerial photograph. City Directories list Kwons Farm as the occupant of the Site. The Site appears to be used for agricultural purposes. Equipment likely associated with farming activities are present.
2016-present	The Site is no longer used for agricultural purposes and is vacant land. Two piles of landscape debris are on the central portion of the Site. Roll-off containers are on the northwest portion of Lot 1. There are no City Listings for the Site.

Based on a review of the above references, the historical use and operations at Site do not represent evidence of a REC.

4.6.3 Past Use of the Adjoining Properties

Historical information associated with adjoining properties is summarized below:

YEAR(s)	ADJOINING PROPERTY USE
North Adjoining Property	
1899-1901	The property is vacant land. No structures are present.
1930-1975	The property is an orchard, followed by a wastewater treatment plant, then the Santa Ana River. Nevada Street is present. City Directories list Redland City Sewage Plant as the occupant (1950 Nevada Street)
1985	The property is no longer used as an orchard and is appears as vacant land. No structures are present. The wastewater treatment plant remains, past the vacant land.
1989-present	The property is the Redland's City Wastewater Treatment Plant. Sludge drying beds associated with the treatment plant are directly north of the Site.
South Adjoining Property	
1899-1901	The property is vacant land. One structure is present. Palmetto Avenue is present.
1930-2002	The property is an orchard. Structures are southeast of Lot 2, likely associated with farming for the orchard.
2006-present	The property is no longer used as an orchard. The property is improved with two commercial-industrial buildings, as observed during the site visit.
East Adjoining Property	
1899-1901	The property is vacant land. No structures are present. Alabama Street and Palmetto Avenue are present.
1930-1994	The property is an orchard.
2002-2006	The northeast portion of the property appears as vacant land. The southeast portion of the property remains an orchard.
2009-2019	The property is vacant land.
2020-present	The property is improved with a commercial-industrial building.
West Adjoining Property	
1899-1901	The property is vacant land. No structures are present.
1930-present	Nevada Street is present, followed by an orchard. The 1975 aerial photograph depicts the California Street Landfill past the orchard. The landfill expands in size over the years.

The northern adjoining property has been used as a wastewater treatment plant with the use of chemicals and closed LUST Incident. The western adjoining property has been used as a solid waste landfill since approximately 1975. However, past use and operations on the adjoining properties do not represent evidence of a REC in connection with the Site. Refer to **Section 4.2.2** for more information.

4.7 Vapor Encroachment Screen

The ASTM standard requires consideration of potential sources of subsurface volatile chemical vapor encroachment at/onto the *property* is required by the ASTM standard when evaluating the potential for RECs in association with the property. A *vapor encroachment screen* (VES) has been conducted at the Site in general accordance with *ASTM E2600-15 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*.

The objective of a VES is to identify a *vapor encroachment condition* (VEC), which is defined as follows:

“...the presence or likely presence of COC (chemical of concern) vapors in the vadose zone of the *target property* (TP) caused by a release of vapors from contaminated soil and/ or groundwater either on or near the TP...”

Screening identified potential off-site sources of vapor encroachment from a LUST and CERS Hazardous Waste site located north of the Site; the former Norton Air Force Base north of the Site, past the Santa Ana River; and a solid waste landfill west of the Site. Previous environmental investigations on these sites show VOC impact to groundwater. The Site is up-gradient of these sites. Based on environmental investigations, groundwater flows to the west and the plume of groundwater contamination from the AFB does not extend onto the Site. Based on this information, no apparent evidence of contamination has migrated towards or onto the Site; therefore, a VEC does not exist on the Site. Refer to **Section 4.2.2** for more information. The VES is documented in the *Vapor Encroachment Screen* report in **Appendix J**.

5.0 SITE RECONNAISSANCE

Ms. Elaine Petkovsek of V3 Companies conducted a *site reconnaissance* on August 18, 2021. The purpose of the reconnaissance was to observe the Site for conditions that indicate potential environmental impact. Such conditions might include signs of stressed vegetation, stained soil, uncontrolled dumping, the presence of underground storage tanks, or indications of a release of hazardous wastes and/or regulated substance(s). The *site reconnaissance* included observations of adjoining properties from the Site or surrounding roads. Ms. Petkovsek was unaccompanied during the field inspection. Photographic documentation of V3’s field inspection is provided in **Appendix K**.

5.1 Limiting Conditions Regarding Methodology

During the performance of this ESA, the Site was traversed in approximately 100-foot intervals. Although this is a limiting condition, it is not significant because the Site could be viewed at these intervals because the Site is covered with low-growing vegetation (less than one foot in height).

5.2 General Characteristics of Site Vicinity

The Site is located in a mixed-use commercial, light industrial, and agricultural, area. See **Section 5.4** for more detailed information.

5.3 Adjoining Properties

Observations of the adjoining properties were made from the Site and from public thoroughfares. The following operations were observed on the adjoining properties:

North	City of Redlands wastewater treatment plant
East	Vacant land
South	Commercial/Industrial building, new commercial/industrial development, then Palmetto Street
West	Nevada Street, then an orchard, then the California Street Landfill

Based on the site visit, V3 did not observe evidence of potential environmental concerns on the adjoining properties, and no RECs were noted in connection with the Site.

5.4 Description of Site, Site Structures, Roadways and Other Improvements

The approximately 17-acre Site consists of two Lots: Lot 1 is the west portion of the Site and consists of 9.6-acres of unimproved vacant land; Lot 2 is the east portion of the Site and consists of 7.35-acres of unimproved vacant land. It has a chain-link fence along its north boundary, and the west and central portions of the south boundary. A retaining wall from the adjoining south development extends to the east portion of the south boundary (Lot 2). The Site can be accessed from Nevada Street. At the time of the site visit, the Site was covered with dried grass which stood 8 to 12" tall with bare patches of sandy soil. The Site is relatively flat.

5.5 Site Utilities

This Site is undeveloped, and not directly connected to any utilities.

5.6 Hazardous Substances and Petroleum Products

Based on observations during the site visit and evidence from interviews and records review, hazardous substances and petroleum products were not used, treated, stored, disposed of, or generated at the Site.

5.7 Solid Waste Storage and Disposal

Solid waste, other than *de minimis* debris, was not observed. Two small piles of landscape waste were noted on the property. It is not clear whether the landscape waste came from the Site or was dumped from off-site sources.

5.8 Stormwater/Wastewater

Type	Description
Waste Water	Not generated on site
Stormwater	Stormwater runoff from the Site most likely percolates into the sandy soil on Site.

5.9 Floor Drains or Sumps

Floor drains or sumps were not observed.

5.10 Storage Tanks

The likely presence of underground storage tanks (USTs), aboveground storage tanks (ASTs), or vent pipes, fill pipes or access ways indicating USTs was evaluated based on observations during the site visit and from interviews and records review.

Evidence of USTs and ASTs was not observed. Ms. Tricia Swope, Owner representative, did not have knowledge of current or historical ASTs and USTs. Furthermore, UST or AST regulatory records were not found for the Site address (**See Section 4.2.1**).

5.11 Polychlorinated Biphenyls (PCBs)

The presence of electrical or hydraulic equipment known to contain PCBs or likely to contain PCBs was evaluated based on observations during the site visit and from interviews and records review.

Equipment likely to contain PCBs was not observed and no evidence was noted during interviews and records review.

5.12 Pits, Ponds or Lagoons

Pits, ponds or lagoons were not observed on the Site.

5.13 Other Conditions Observed

Other conditions of concern based on observations during site reconnaissance of the Site are noted and described below, as warranted.

Visual and/or Physical Observations	Yes	No	Comment
Odors- Strong, Pungent, or Noxious		X	
Pools of Liquid or Standing Surface Water		X	
Drums		X	
Hazardous Substance and Petroleum Product Containers with unidentified uses		X	
Unidentified Substance Containers		X	
Stains or Corrosion		X	
Stressed Vegetation		X	
Wells		X	No on-site wells were listed on the EDR Geocheck map or noted on the day of the Site walk.
Natural Gas Pipelines		X	
Oil Pipelines		X	
Raw Materials		X	
Other	X		Two small piles of landscape debris (tree limbs and trunks) were observed on Site.

6.0 INTERVIEWS

The objective of interviews is to obtain information indicating RECs in connection with the Site.

6.1 Interviews with User, Owners and Occupants

The following *users*, owners, and occupants were interviewed. Relevant information obtained is incorporated in the report and in **Appendix D**.

Interviewee	Company Name	Representative Name	Comments / Documented Information
User	LDC Industrial Realty LLC and Molto Properties, LLC	Mr. Matt Snyder (LDC)	User Questionnaire received on 8/31/2021. Refer to Appendix D
Site Owner	City of Redlands, Municipal Corporation	Ms. Tricia Swope	Owner Questionnaire received on 08/30/2021. Refer to Appendix D .
Site Occupant	N/A	N/A	The Site is vacant.
Past Site Owner	N/A	N/A	Interviews not warranted based on information provided by other sources.
Past Site Occupant	N/A	N/A	Interviews not warranted based on information provided by other sources.
Adjoining Property Owner or Occupant	N/A	N/A	Interviews not warranted based on information provided by other sources.

N/A - Not Applicable

6.2 Interviews with State and Local Government Officials

Interviews with state and local government officials were not warranted as part of this assessment. Other available sources of information reviewed and were sufficient to evaluate potential for RECs in connection with the Site.

7.0 FINDINGS AND CONCLUSIONS

V3 has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the Approximately 17-Acre Vacant Land located at 27050 Palmetto Avenue, Redlands, California. Exceptions to, or deletions from this practice are described in **Section 7.5** of this report.

The findings and conclusions of this assessment have revealed no evidence of RECs, CRECs, or HRECs in connection with the Site.

7.1 Recognized Environmental Conditions

A *Recognized Environmental Condition (REC)* is defined by ASTM E1527-13 as “the presence or likely presence of any *hazardous substances or petroleum products* in, on, or at a *property*: (1) due to *release to the environment*; (2) under conditions indicative of a *release to the environment*; or (3) under conditions that pose a *material threat* of a future *release to the environment*. *De minimis* conditions are not *recognized environmental conditions*.” (Italics denote terms with specific ASTM definitions).

This assessment has revealed no evidence of RECs in connection with the Site.

7.2 Controlled Recognized Environmental Conditions

A *Controlled Recognized Environmental Condition (CREC)* is defined by ASTM E1527-13 as “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 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*).

This assessment has revealed no evidence of CRECs in connection with the Site.

7.3 Historical Recognized Environmental Conditions

A *Historical Recognized Environmental Condition* (HREC) is defined by ASTM E 1527-13 as “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*)” and is not considered a REC in connection with the past *release* at the time this *Phase I ESA* was conducted.

This assessment has revealed no evidence of HRECs in connection with the Site.

7.4 Identified Data Gaps

Under the ASTM/AAI standards, if *data gaps* are identified during the ESA process, the *environmental professional* (EP) must comment on their significance and whether such gaps affect the overall findings. A *data gap* is defined by ASTM E1527-13 as “a lack of or inability to obtain information required this practice despite *good faith* efforts by the *environmental professional* to gather such information.” A *data gap* is significant if other information and/or professional experience raises reasonable concerns involving the *data gap*.

There were no significant *data gaps* identified.

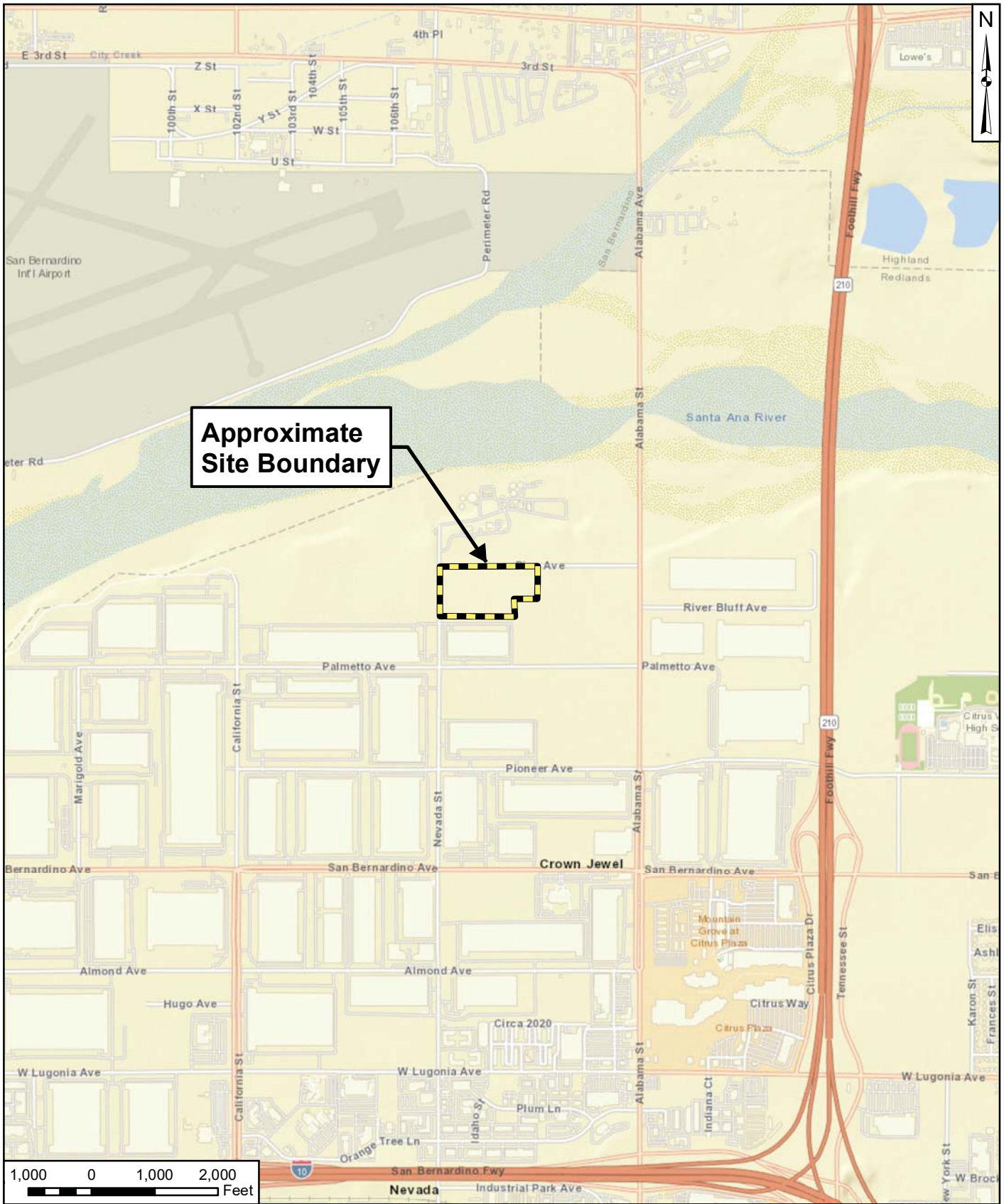
7.5 Limiting Conditions or Deviations from Scope of Services

During the performance of this ESA, the Site was traversed in approximately 100-foot intervals. Although this is a limiting condition, it is not significant because the Site could be viewed at these intervals because the Site is covered with low-growing vegetation (less than one foot in height).

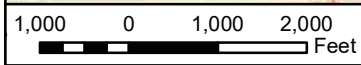
8.0 ASTM E1527 NON-SCOPE SERVICES


Issues such as asbestos, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality and high voltage power lines are beyond the scope of ASTM E 1527. Such services are considered additional services and have **not** been investigated in this assessment.

FIGURES




Approximate Site Boundary



 <p>7325 Janes Avenue Woodridge, IL 60517 630.724.9200 phone www.v3co.com</p>	<p>PROJECT NO.: 210628</p>	<p>CLIENT: Molto Properties, LLC One Lincoln Centre 18W140 Butterfield Road Suite 750 Oakbrook Terrace, IL 60181</p>	<p>TITLE: SITE LOCATION MAP</p>	
	<p>CREATED BY: AMM</p>	<p>DATE: 08/27/2021</p>	<p>BASE LAYER: ESRI World Street Map</p>	<p>SITE: 17-Acre Vacant Land 27050 Palmetto Avenue Redlands, California 92374</p>
<p>Visio, Vertere, Virtute... "The Vision To Transform with Excellence"</p>	<p>SCALE: See Scale Bar</p>			



 <p>7325 James Avenue Woodridge, IL 60517 630.724.9200 phone www.v3co.com</p>		<p>PROJECT NO.: 210628 CREATED BY: ALA DATE: 08/30/2021 SCALE: See Scale Bar</p>		<p>CLIENT: Molto Properties, LLC One Lincoln Centre 18W140 Butterfield Rd., Ste. 750 Oakbrook Terrace, IL 60181 BASE LAYER: ESRI World Street Map</p>		<p>SITE: 17-Acre Vacant Land 27050 Palmetto Avenue Redlands, California 92374</p>		<p>TITLE: SURROUNDING PROPERTIES MAP</p>	
<p>200 0 200 400 Feet</p>		<p>3225 James Avenue Woodridge, IL 60517 630.724.9200 phone www.v3co.com</p>		<p>PROJECT NO.: 210628 CREATED BY: ALA DATE: 08/30/2021 SCALE: See Scale Bar</p>		<p>SITE: 17-Acre Vacant Land 27050 Palmetto Avenue Redlands, California 92374</p>		<p>TITLE: SURROUNDING PROPERTIES MAP</p>	
Letter	Occupant	Address	Regulatory						
A	California Street Landfill	2151 Nevada Street	SWF/LF						
B	City of Redlands Wastewater Treatment Plant	1950 Nevada Street	LUST, CERS HAZ WASTE, CERS TANKS						
			FIGURE	2					

APPENDIX A
QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS



VALERIE HOFMANN, CHMM
PROJECT SCIENTIST



Valerie is a Project Scientist with experience in providing environmental consulting services in Phase I and II site assessments, remediation and compliance-related tasks. She specializes in Phase I site assessments, Phase II site assessments, underground storage tank removal and remediation, drinking water quality evaluation, Emergency Planning and Community Right-to-Know Act compliance, Superfund Amendments and Reauthorization Act and indoor air quality evaluations at facilities. Valerie is also V3's expert for sampling drinking water contaminants and ensuring compliance with the US EPA's primary drinking water standards.

YEARS OF EXPERIENCE 

V3: 3 | Total: 15

EDUCATION 

Bachelor of Science in Natural Resources and Environmental Science, University of Illinois Urbana-Champaign

REGISTRATIONS 

Certified Hazardous Materials Manager: #17334

CONTINUING EDUCATION 

OSHA HAZWOPER 8-Hour Refresher
EPCRA 311 & 312 Compliance
Remediation of Complex Sites
ASTM Phase I Practice E-1527 Update
Vapor Intrusion
Per- & Polyfluoroalkyl Substances
Stormwater Trends & Issues

143rd Street Phase I Study, Will County Division of Transportation

–Homer Glen, Illinois | Project

Scientist providing Phase I preliminary engineering services for the reconstruction of approximately 3.5 miles of 143rd Street from a two-lane rural facility to a four-lane urban facility with a continuous mountable median. Project included the preparation of a project development report, alternate geometrics studies, crash studies, wetland delineation and assessment, a location drainage study, environmental coordination, public involvement and the preparation of hydraulic studies. Valerie evaluated potential environmental concerns from offsite sources by reviewing historical and current uses of surrounding sites.

Forest Boulevard Improvements Phase I Study, Cook County Division of Transportation – Park Forest, Illinois

| Project Scientist providing Phase I preliminary engineering services for

this one-mile roadway reconstruction along Forest Boulevard. Project include full curb replacement, sidewalk improvements, new bike lanes, new street parking and traffic control improvements. Valerie evaluated potential environmental concerns from offsite sources by reviewing historical and current uses of surrounding sites that may impact construction and redevelopment activities.

Theodore Street Corridor Improvements, City of Joliet – Joliet, Illinois

| Project Scientist for the Phase I engineering of the one-mile roadway widening. Currently this segment of roadway experiences a number of crashes due to the lack of a center turn lane. The project will add a center turn lane as well as two additional traffic signals along the corridor. Phase I engineering is utilizing motor fuel tax funds and the City will apply for future construction funding once the Phase I is complete. Valerie evaluated potential environmental concerns from offsite sources by reviewing historical and current uses of surrounding sites that may impact construction and redevelopment activities.

Crawford Generating Station, 39 North LLC – Chicago, Illinois

| Project Scientist providing Phase I preliminary environmental services for a 70-acre, former coal-fired power plant located on the north side of the Chicago Sanitary and Ship Canal. Valerie identified potential environmental concerns from historical onsite operations and from surrounding sites that assisted in the identification of soil and groundwater contamination. Based on the thoroughness of the due diligence efforts from the Phase I ESA, several site investigations were conducted and impact to soil and groundwater has been remediated.



Various Environmental Projects, Hygieneering, Inc. – Willowbrook, Illinois | Senior Environmental Consultant responsible for design and execution of projects involving Phase I and II site assessments, leaking underground storage tank sites and site remediation, drinking water evaluations, Emergency Planning and Community Right-to-Know Act Tier I/ Tier II reporting and indoor air quality assessments for commercial and industrial properties. Valerie managed projects, client communications, employee and subcontractor oversight, fieldwork, interpretation of project results, technical report writing and budgetary analysis.*

Various Phase I & Phase II Assessments, Environmental Protection Industries – South Holland, Illinois | Project Manager conducting Phase I and II environmental site assessments and assisting with closure of leaking underground storage tank sites, as well as all reports affiliated with such projects.*

Leaking Underground Storage Tanks – Illinois | Project Scientist assisting with remediation of contaminated soil and groundwater from leaking underground storage tanks at residential, commercial and industrial facilities. Responsibilities include oversight of underground storage tank removal, remediation of impacted soils and groundwater from leaking underground storage tank. Valerie interfaces with regulatory agencies on a local and state level for tank removal and closure of leaking underground storage tank incidents.

Environmental Site Assessments for Property Transactions – Illinois, Indiana, Iowa, Minnesota, Nebraska, Wisconsin | Project Scientist responsible for performing more than 100 Phase I Environmental Site Assessments in accordance to the ASTM E 1527-13 Standard. Valerie qualifies as an Environmental Professional per the federal All Appropriate Inquiry rule (40 CFR Part 312.10(b)) and is responsible for all aspects of Phase I investigations. She has performed site assessments on properties ranging from agricultural farmland, commercial, educational, city-owned, industrial, and manufacturing facilities in various states in the Midwest region as well as multi-site portfolio transactions and local municipal DOTs. Representative clients include:

- *McDonalds USA*
- *BMO Harris Bank*
- *Molto Properties, LLC*
- *Sears Holdings Management Corp.*
- *Molto Properties, LLC*
- *Central Steel & Wire Company*
- *Sterling Bay*
- *Ryan Companies*
- *Metropolitan Water Reclamation District*
- *Ozinga Brothers, Inc.*
- *John Hancock Real Estate*
- *Joliet Township School District 204*
- *University of Illinois at Chicago*
- *Rush University Medical Center*
- *North Palos School District 117*
- *Weaver Consultants*
- *South Chicago Packing*
- *Jones Lang LaSalle*

Emergency Planning & Community Right-to-Know Act Compliance Projects – Illinois, Iowa, Utah | Project Scientist providing Phase I ESA non-scope environmental, health and safety services. Valerie conducts site visits and chemical inventories to complete Section 302 Notices, Section 311 and Section 312 as well as TRI in accordance to the Emergency Planning and Community Right-to-Know Act. She has provided compliance services at industrial facilities in various states in the Midwest region as well as multi-site portfolios.

Various Phase II & III Environmental Site Assessments – Illinois | Project Scientist assisting with redevelopment of properties that have multiple environmental issues. Valerie performs subsurface investigations involving the collection of soil and groundwater to evaluate contaminated sites for property transactions, redevelopment and remediation.

ELAINE A PETKOVSEK, P.E.

PROJECT MANAGER



Elaine is a Project Manager with consulting, project management and technical experience in the field of environmental engineering. She has extensive expertise in a variety of environmental areas including Phase I and II environmental site assessments, soil and groundwater remediation design and implementation and successful closure of projects to attain no further remediation letters for a variety of brownfield and leaking underground storage tank sites. She has successfully worked and negotiated with municipal, state and federal agencies to approve work plans, set appropriate risk-based clean-up criteria and attain closure on a variety of projects.

YEARS OF EXPERIENCE

V3: 4 | Total: 40

EDUCATION

Bachelor of Science, Civil Engineering,
Cleveland State University

CONTINUING EDUCATION

OSHA:
▪ 40-Hour HAZWOPER
▪ 8-Hour Supervisor Certification

REGISTRATIONS

Professional Engineer:
▪ Illinois, #062-054549, 2002
▪ Ohio, #72471, 2007

ASSOCIATIONS

Illinois Association of Environmental Professionals
Society of Women Engineers

Phase I ESA Portfolio, Sears Holdings

Management Corp. – Indiana, Iowa & Ohio | Project Manager and Assessor for the expedited assessment of eight active retail properties in three states. Elaine conducted three Phase I environmental site assessments while coordinating the remaining five properties. Work included project set-up, client coordination, template development and report review all within a four week time frame.

Crawford Generating Station, 39 North

LLC – Chicago, Illinois | Project Engineer for environmental assessment, remediation and regulatory closure of a 70-acre, former coal-fired power plant for future redevelopment. Elaine developed the sampling and analysis plan, coordinated field work and authored the comprehensive site investigation report. She worked with the IEPA, planned and coordinated a supplemental investigation, remedial objectives report and remediation action plan and also performed site remediation program reporting, developed remediation specifications, coordinated and conducted demolition debris sampling, conducted a Phase I environmental site investigation and provided updates to the project team.

Remediation of Former Industrial

Property, Meridian Rail Products Corp. – Cicero, Illinois | Project Engineer for environmental consulting, document review, environmental assessment and remediation planning for the vacant industrial property. Elaine compiled and reviewed more than 40 documents spanning 20 years to evaluate the environmental status of the site. Using this information, she conducted a limited environmental assessment and developed a plan to remediate petroleum saturated soils. She coordinated and documented the remediation and also provided environmental documentation to potential buyers until the property was successfully transferred.

potential buyers until the property was successfully transferred.

ELAINE A PETKOVSEK, P.E.

PROJECT MANAGER



Portfolio Management, DeNovo Constructors, Inc. – *Nationwide* | Senior Project Manager responsible for all aspects of environmental liability associated with a portfolio of 16 former industrial properties located across ten states. Elaine was responsible for organizing and reviewing existing environmental and contract documents and developing plans, cost estimates and schedules for each site. She negotiated with state agencies, developed soil and groundwater remediation plans and coordinating resources within DeNovo to conduct remediation activities.*

Various Projects, Chicago Housing Authority – *Chicago, Illinois* | Senior Project Manager for multiple projects for Chicago Housing Authority. Elaine conducted and coordinated environmental investigations and enrolled multiple sites in the IEPA SRP for closure. She developed soil management plans, coordinated remediation oversight, negotiated quantities and scope with contractors and conducted closure reporting to achieve no further remediation letters for the Sites. Elaine also conducted U.S. Department of Housing and Urban Development NEPA reviews, noise studies and provided OSHA training to construction workers for contaminated construction sites.*

Various Projects, Chicago Public Schools – *Chicago, Illinois* | Senior Project Manager for environmental project for more than 200 public and charter schools including Phase I and II environmental site assessments, underground storage tank removals, remediation oversight, hazardous materials surveys and removals, and closure documentation.*

Leaking Underground Storage Tanks | Project Engineer assisting with remediation of contaminated soil and groundwater from leaking underground storage tanks at residential, commercial and industrial facilities. Responsibilities include oversight of underground storage tank removal, remediation of impacted soils and groundwater from leaking underground storage tanks. Elaine interfaces with regulatory agencies on a local and state level for tank removal and closure of leaking underground storage tank incidents.

Site Characterization, Risk Assessment & Remediation | Project Engineer responsible for developing, coordinating and performing environmental site investigations. Elaine also performs risk assessments, remedial design and implementation, and site closure under state and federal regulatory programs. Plans and completes site characterizations using soil borings, monitoring wells, soil-gas testing and slug and pump testing. She analyze resulting data, develops remediation plans and specifications to address contaminated soil and groundwater and supervises remedial actions that include the removal of underground storage tanks, installation of engineered barriers, in-situ chemical oxidation and dig-and-haul remediation. She conducts site closure under state and federal programs including Illinois' Leaking Underground Storage Tank Program, Illinois' Site Remediation Program, and EPA's PCBs cleanup program.

Various Phase I & II Environmental Site Assessments | Elaine utilizes her extensive knowledge of American Society for Testing Materials standards to conducting Phase I and II environmental site assessments (ESAs). She has conducted and reviewed more than 200 Phase I ESAs and provides consulting to clients concerning recognized environmental conditions. Elaine handles environmental issues associated with property transfers and assists clients with problem solving for challenging sites, as well as multi-site portfolio transactions. In addition, she performs subsurface investigations involving the collection of soil, groundwater and soil gas samples to evaluate contaminated sites for property transactions, redevelopment and remediation.

Barrie Park Manufactured Gas Plant Remediation, Commonwealth Edison – *Oak Park, Illinois* | Project Engineer for air monitoring and confirmation sampling services. This former manufactured gas plant site was located in a densely populated residential neighborhood and required full time monitoring of the perimeter of the site and along the rail siding. All work and results needed careful documentation and public presentations of the methods used and the results. Elaine managed a team of eight project professionals to provide air monitoring 24 hours per day, seven days per week to provide real-time and time-integrated air monitoring.*

Various Projects, Environmental Design International, Inc. – *Chicago, Illinois* | Section Manager and Senior Environmental Engineer responsible for developing and managing a staff of ten employees. Elaine conducted and provided quality assurance for environmental site assessments on commercial and industrial properties as well as permitting and coordinating underground storage tank removals and leaking underground storage tank closures. Projects included remediation of contaminated soil and closure using risk based analysis and pathway exclusion as well as including drainage studies, pollution prevention evaluations and preparation of environmental overviews for an airport master plan.*

APPENDIX B
SITE LEGAL DESCRIPTION/PLAT OF SURVEY/SITE PLAN

APPENDIX C
ASSUMPTIONS, LIMITATIONS & EXCEPTIONS

Assumptions, Limitations & Exceptions

This ESA represents V3's professional experience and judgment, and a good faith effort to obtain all available information. Information provided to V3 by the USER, User representatives, site contacts, and others contacted in this regard, have been accepted in good faith and assumed to be accurate, unless contradicted by more credible information. It is to be understood that V3 assumes no responsibility or liability for the accuracy of such documents or accuracy or withholding of information by any of the involved parties, that could affect the transaction. A reasonable attempt was made to obtain all information pertinent to the work scope; however, not all such information may have been received by the date of issuance of the report. Such instances are identified within this report. Consideration of such missing information is beyond the scope of this assessment.

State and federal laws and regulations referenced in this report are provided for information purposes and should not be construed as legal opinion or recommendation.

The ASTM Standard and the AAI Rule identify specific limitations to the due diligence process. These limitations provide guidance for the environmental professional and the User, in determining whether all appropriate inquiry has been conducted. The identified limitations include the following:

- No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Certain environmental conditions may exist on the site that are beyond the scope of these identified standards, but may warrant consideration.
- *All appropriate inquiry* does not mean an exhaustive assessment of a clean property.
- Not every property will warrant the same level of assessment.
- It should not be concluded or assumed that an inquiry was not all appropriate inquiry merely because the inquiry did not identify recognized environmental conditions in connection with a property.
- In the event data gaps are identified, the Environmental Professional will endeavor to comment upon the significance of those data gaps. However, the Environmental Professional cannot, and does not warrant or guarantee that no significant events, releases, or conditions arose, during the periods of such data gaps.

The AAI standard indicates that an ESA is valid for a time period of 6 months. Subsequent to this time period, the ESA must be updated in accordance with AAI guidance.

As indicated previously, an ESA is performed for the purpose of satisfying one of the requirements to qualify as an *innocent landowner*, *contiguous property owner*, or *bona fide prospective purchaser*, relative to potential CERCLA liability. It does not address additional requirements in this regard. Such additional requirements include that landowners must meet *Continuing Obligations* to achieve and maintain LLPs. Continuing obligations include “(1) complying with *land use restrictions* and *institutional controls*; (2) taking reasonable steps with respect to *hazardous substance* releases; (3) providing full cooperation, assistance, and access to persons that are authorized to conduct response actions or natural resource restoration; (4) complying with information requests and administrative subpoenas; and (5) providing legally required notices.

The findings, opinions and conclusions of this report are not scientific certainties, but rather, probabilities based on professional judgment concerning the significance of the data gathered during the course of the environmental investigation. V3 is not able to represent that the site or adjoining land contains no hazardous waste, oil, or other latent conditions beyond that detected or observed by V3 during the ESA. The possibility always exists for contaminants to migrate through surface water, air, or groundwater. The ability to completely address the environmental risk associated with transport in these media is beyond the scope of this investigation.

APPENDIX D
USER/OWNER QUESTIONNAIRES & INTERVIEW
DOCUMENTATION



**USER QUESTIONNAIRE
PHASE I ENVIRONMENTAL SITE ASSESSMENT
ASTM STANDARD E1527-13**

SITE NAME: Vacant Property

SITE ADDRESS: 27050 Palmetto Avenue, Redlands, California

Please return completed questionnaire to Elaine Petkovsek, epetkovsek@v3co.com

Introduction

In order to qualify for one of the *Landowner Liability Protections (LLPs)*¹⁸⁷ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"),¹⁸⁸ the *user* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30 and 312.31. The user should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that "*all appropriate inquiries*" is not complete.

1. Environmental cleanup liens that are filed or recorded against the property (40 CFR 312 25)

Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? (Note 1- In certain jurisdictions, federal, tribal, state, or local statutes. Or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULS.)

Yes No *If Yes, explain.*

2. Activity and land use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312 26 (a)(1)(v) and vi))

Did a search of *recorded land title records* where appropriate, see note 1 above) identify any AULs, such as *engineering controls*, land use restrictions, or *institutional controls* that are in place at the *property* and/or have been filed or recorded against the *property* under federal, tribal, state or local law?

Yes No *If Yes, explain.*

3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312 28)

Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes No *If Yes, explain.*

4. **Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29)**

Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?

Yes No *If No, explain.*

5. **Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30)**

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example:

(a) Do you know the past uses of the property?

Yes No *If Yes, explain.*

(b) Do you know of specific chemicals that are present or once were present at the property?

Yes No *If Yes, explain.*

(c) Do you know of spills or other chemical releases that have taken place at the property?

Yes No *If Yes, explain.*

(d) Do you know of any environmental cleanups that have taken place at the property?

Yes No *If Yes, explain.*

6. **The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)**

Based on your knowledge and experience related to the *property*, are there any *obvious* indicators that point to the presence or likely presence of releases (contamination) at the *property*?

Yes No *If Yes, explain.*

USEFUL INFORMATION

Do you know if any of the documents listed below exist, and if so, are copies available and can be sent to V3? Even partial information provided may be useful.

Exists	Provided	Unknown	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Environmental Site Assessment Reports
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Environmental Audit Reports
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Environmental Permits (air, wastewater, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Registrations for Underground and Aboveground Storage Tanks
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Material Safety Data Sheets
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community Right-to-Know Plan
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Safety Plan
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Preparedness and Prevention Plan
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spill Prevention, Countermeasure and Control Plan
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reports on Site/Area Geology/Hydrogeology
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Notices of Violation of Environmental Laws
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Environmental Lien Encumbering the Property
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Waste Generator Notices or Reports
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Geotechnical Studies
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chain-of-Title Search (record of historical property ownership, <u>not the same as a title commitment</u>)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Site Plan\Plat of Survey\Alta Survey

SITE INFORMATION AND HISTORICAL USE

The following information is used to assist the performance of V3's environmental site assessment of the subject property (*property*). Please provide any information to the best of your knowledge; if provided previously, please reference the communication. The following questions are directed to the property owner, key site manager (if any identified), and User (if different from property owner).

1. Why is this Phase I ESA being performed?

Due Diligence and assessment

2. What is property type and property transaction type (i.e. sale, purchase, exchange, etc)?

Empty Lot - Purchase

3. Please provide the property address and a map or other documentation showing property location and boundaries?

See ALTA & Title

4. Identify all parties who will rely on the Phase I report?

Molto & LDC

5. Please provide contact information for the key site contact?

N/A

6. To the best of your knowledge what is current, and what were past, land uses of the Site? (If known, please indicate first developed use or use back to 1940, whichever is earlier). List any known current and past tenants, and owners of the Site. Please provide as much detail as possible regarding prior occupant business practice(s) and operations.

Current Land Use: Empty lot

Past Land Use(s): Unknown

7. Formal Name of Current Site Ownership Entity:

a) How long has the property been under current ownership? Unknown

b) Approximate year property was acquired? Unknown

8. Are there any structures on-site? What are the approximate year(s) of construction? Also give building square-foot and property size.

No

9. Are there any known or documented issues with vapor migration or vapor intrusion associated with on-site or off-site vapors affecting structures on the subject property or structures on nearby adjoining properties?

Unknown

10. Do you have any knowledge of:

- a) underground storage tanks and/or aboveground storage tanks, on or near the property? (Past or present) If so, where? What were the contents, tank size, age, etc.? Any known releases? If removed or abandoned, what year?

No

- b) areas of other chemical storage on or near the property? (Past or present) If so, where? What are the chemicals, any known releases? If a release occurred, when?

No

- c) herbicide or pesticide use on land? If so, have any spills or problems occurred on-site during application?

No

11. Do you have any knowledge of environmental incidents that have occurred on or near the property? (Past or present) If so, what was the nature of the incident and where did it occur?

No

12. Do you have any knowledge of active or abandoned water wells or septic systems on the property? If so, where were they approximately located? What is the age of the system(s)?

No

The person responsible for filling out this form should sign below:

Print Name: Matt Snyder

Title/Company: LDC

Signature: [Signature]

Date: 8/3/21

Phone/e-mail: msnyder@btc industrial.com

¹⁸⁷ Landowner Liability Protections, or LLPs, is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability* ("Common Elements" Guide) issued on March 6, 2003.

¹⁸⁸ P.L 107-118



**OWNER QUESTIONNAIRE
PHASE I ENVIRONMENTAL SITE ASSESSMENT**

SITE NAME: Vacant Property

SITE ADDRESS: 27050 Palmetto Avenue, Redlands, California

Please return completed questionnaire to Elaine Petkovsek, epetkovsek@v3co.com

Please send any available or reasonably ascertainable documents listed below to V3.
Even partial information provided would be useful.

Exists	Provided	Unknown	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Environmental Site Assessment Reports
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Environmental Audit Reports
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Environmental Permits (air, wastewater, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Registrations for Underground and Aboveground Storage Tanks
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Material Safety Data Sheets
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Community Right-to-Know Plan
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Safety Plan
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Preparedness and Prevention Plan
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spill Prevention, Countermeasure and Control Plan
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reports on Site/Area Geology/Hydrogeology
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Notices of Violation of Environmental Laws
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Environmental Lien Encumbering the Property
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hazardous Waste Generator Notices or Reports
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Geotechnical Studies
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chain-of-Title Search (record of historical property ownership, <u>not the same as a title commitment</u>)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Site Plan\Plat of Survey\Alta Survey

Proceedings Involving the Property

1. Do you have any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property?

Yes No *If Yes, explain.*

2. Do you have actual knowledge that the purchase price of the property is significantly less than the purchase price of comparable properties?

Yes No *If Yes, explain.*

3. Do you have actual knowledge of any environmental liens or activity and land use limitations encumbering the property?

Yes No *If Yes, explain.*

4. Do you have actual knowledge or experience that would provide important information about previous ownership or uses of the property that may be material to identifying recognized environmental conditions?

Yes No *If Yes, explain.*

5. Do you know of any pending, threatened, or past litigation relevant to Hazardous Substances or Petroleum Products in, on or from the Property?

Yes No *If Yes, explain.*

6. Do you know of any pending, threatened, or past administrative proceedings relevant to Hazardous Substances or Petroleum Products in, on or from the Property?

Yes No *If Yes, explain.*

7. Do you know of any pending, threatened, or past notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to Hazardous Substances or Petroleum Products in, on or from the Property?

Yes No *If Yes, explain.*

SITE INFORMATION AND HISTORICAL USE

The following information is used to assist the performance of V3's environmental site assessment of the Site (*property*). Please provide any information to the best of your knowledge; if provided previously, please reference the communication. The following questions are directed to the property owner, key site manager (if any identified), occupants and User (if different from property owner).

1. To your knowledge, why is this Phase I ESA being performed?

SALE OF PROPERTY

2. What is *property* type and *property* transaction type (i.e. sale, purchase, exchange, etc.)?

VACANT PROPERTY; SALE

3. Please provide the *property* address and a map or other documentation showing *property* location and boundaries?

VACANT APN 0292-041-08, 38, 44

4. Please provide contact information for the key site contact?

CHRIS BOATMAN, FCS Director, CITY OF REDLANDS
909-798-7655; CBOATMAN@CITYOFREDLANDS.ORG

5. To the best of your knowledge what is current, and what were past, land uses of the Site? (If known, please indicate first developed use or use back to 1940, whichever is earlier). List any known current and past tenants, and owners of the Site. Please provide as much detail as possible regarding prior occupant business practice(s) and operations.

Current Land Use:

VACANT

Past Land Use(s):

VACANT; AGRICULTURE

6. Formal Name of Current Site Ownership Entity:

CITY OF REDLANDS, A MUNICIPAL CORPORATION

How long has the property been under current ownership?

17 YEARS

Approximate year property was acquired?

2004

7. Are there any structures on-site? What are the approximate year(s) of construction? Also give building square-foot and property size.

NONE

8. Are there any known or documented issues with vapor migration or vapor intrusion associated with on-site or off-site vapors affecting the subject property structures or structures on nearby adjoining properties?

no

9. Do you have any knowledge of:

a) underground storage tanks and/or aboveground storage tanks, on or near the property? (Past or present) If so, where? What were the contents, tank size, age, etc.? Any known releases? If removed or abandoned, what year?

no

b) areas of other chemical storage on or near the property? (Past or present) If so, where? What are the chemicals, any known releases? If a release occurred, when?

no

c) herbicide or pesticide use on land? If so, have any spills or problems occurred on-site during application?

no

10. Do you have any knowledge of environmental incidents that have occurred on or near the property? (Past or present) If so, what was the nature of the incident and where did it occur?

no

11. Do you have any knowledge of active or abandoned water wells or septic systems on the property? If so, where were they approximately located? What is the age of the system(s)?

no

The person responsible for filling out this form should sign below:

Print Name: TRICIA SWOPE

Title/Company: MANAGER, FACILITIES & COMMUNITY SERVICES / CITY OF REDLANDS

Signature: Tricia Swope

Date: 8-30-21

Phone/e-mail: 909-335-4738 TSWOPE@CITYOFREDLANDS.ORG



May 07, 2020

wo1702ParcelsToBeSold



Parcels Included in Offer to Purchase

Parcels: 0292-041-08	9.1 acres
0292-041-38	0.9 acres
0292-041-44	7.8 acres



0 100 200 300 400
Feet

APPENDIX E
REGULATORY RECORDS DATABASE REPORT

Vacant Property Redlands CA

27050 PALMETTO AVE
REDLANDS, CA 92374

Inquiry Number: 6630553.2s

August 23, 2021

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	233
Government Records Searched/Data Currency Tracking	GR-1
<u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-10
Physical Setting Source Map Findings	A-12
Physical Setting Source Records Searched	PSGR-1

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

27050 PALMETTO AVE
REDLANDS, CA 92374

COORDINATES

Latitude (North): 34.0876090 - 34° 5' 15.39"
Longitude (West): 117.2153780 - 117° 12' 55.36"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 480130.3
UTM Y (Meters): 3771696.2
Elevation: 1193 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5630631 REDLANDS, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140603
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
27050 PALMETTO AVE
REDLANDS, CA 92374

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	REDLANDS DISTRIBUTIO	27050 PALMETTO AVE	CIWQS		TP
Reg	NORTON AIR FORCE BAS		DOD	Same	1541, 0.292, NNW
Reg	USAF NORTON AFB	305 S TIPPECANOE AVE	NPL, SEMS, CORRACTS, RCRA-TSDF, RCRA-SQG, US ENG.	Same	1174, 0.222, NNW
A2	HASKELL CO. INDUSTRI	2130 NEVADA AVENUE	SWF/LF	Lower	14, 0.003, WSW
A3	CALIFORNIA STREET LA	2151 NEVADA	SWF/LF, WMUDS/SWAT, LDS, EMI, ENF, Financial...	Lower	55, 0.010, WSW
4	REDLANDS CITY CA STR	1950 NEVADA	LUST, CERS HAZ WASTE, CERS TANKS, Cortese, EMI,...	Lower	321, 0.061, SW
5	CALIFORNIA STREET LA	35 CAJON STREET, P.O	MINES	Lower	388, 0.073, NW
B6	INFORMATION PROCESS	26940 PALMETTO AVE	HAZNET, San Bern. Co. Permit, HWTS	Higher	594, 0.112, South
B7	#585 PALMETTO, REDLA	26940 PALMETTO AVE	NPDES, San Bern. Co. Permit, CIWQS, CERS	Higher	594, 0.112, South
C8	CALIFORNIA PALMS BUS	26881 PALMETTO AVE	San Bern. Co. Permit, CERS	Lower	895, 0.170, SW
C9	PAYLESS SHOESOURCE D	26881 PALMETTO AVE	RCRA NonGen / NLR	Lower	895, 0.170, SW
C10	PAYLESS SHOE STORES	26881 PALMETTO AVE	HAZNET, San Bern. Co. Permit, CERS, HWTS	Lower	895, 0.170, SW
11	AG-TEUNISSEN FARMING	9092 ALABAMA ST	UST	Higher	1243, 0.235, East
12	FORMER SKEET RANGE N		UXO	Lower	3543, 0.671, NNW
13	FORMER SKEET RANGE N		UXO	Lower	4839, 0.916, North

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>
REDLANDS DISTRIBUTIO 27050 PALMETTO AVE REDLANDS, CA 92374	CIWQS	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State- and tribal - equivalent CERCLIS

ENVIROSTOR..... EnviroStor Database

State and tribal leaking storage tank lists

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

CPS-SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

State and tribal Brownfields 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

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

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

Local Lists of Registered Storage Tanks

SWEEPS UST..... SWEEPS UST Listing

EXECUTIVE SUMMARY

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
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
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
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
ECHO..... Enforcement & Compliance History Information
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
FUELS PROGRAM..... EPA Fuels Program Registered Listing
CA BOND EXP. PLAN..... Bond Expenditure Plan
CUPA Listings..... CUPA Resources List

EXECUTIVE SUMMARY

DRYCLEANERS.....	Cleaner Facilities
EMI.....	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
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
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)
HWTS.....	Hazardous Waste Tracking System
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 04/27/2021 has revealed that there is 1 NPL site 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>
USAF NORTON AFB Cerclis ID:: 902760 EPA Id: CA4570024345	305 S TIPPECANOE AVE	NNW 1/8 - 1/4 (0.222 mi.)	0	10

Federal CERCLIS list

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

A review of the SEMS list, as provided by EDR, and dated 04/27/2021 has revealed that there is 1 SEMS site 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>
USAF NORTON AFB Site ID: 0902760 EPA Id: CA4570024345	305 S TIPPECANOE AVE	NNW 1/8 - 1/4 (0.222 mi.)	0	10

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 CORRACTS site 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>
USAF NORTON AFB EPA ID:: CA4570024345	305 S TIPPECANOE AVE	NNW 1/8 - 1/4 (0.222 mi.)	0	10

EXECUTIVE SUMMARY

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: 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.

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 RCRA-TSDF site 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>
USAF NORTON AFB EPA ID:: CA4570024345	305 S TIPPECANOE AVE	NNW 1/8 - 1/4 (0.222 mi.)	0	10

Federal RCRA generators list

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 03/22/2021 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>
USAF NORTON AFB EPA ID:: CA4570024345	305 S TIPPECANOE AVE	NNW 1/8 - 1/4 (0.222 mi.)	0	10

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 05/17/2021 has revealed that there is 1 US ENG CONTROLS site 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>
USAF NORTON AFB EPA ID:: CA4570024345 EPA ID:: CA4570024345	305 S TIPPECANOE AVE	NNW 1/8 - 1/4 (0.222 mi.)	0	10

EXECUTIVE SUMMARY

US INST CONTROLS: 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.

A review of the US INST CONTROLS list, as provided by EDR, and dated 05/17/2021 has revealed that there is 1 US INST CONTROLS site 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>
USAF NORTON AFB EPA ID:: CA4570024345	305 S TIPPECANOE AVE	NNW 1/8 - 1/4 (0.222 mi.)	0	10

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

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

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HASKELL CO. INDUSTRI Database: SWF/LF (SWIS), Date of Government Version: 05/10/2021 Facility ID: 36-AA-0443 Operational Status: Planned Regulation Status: Proposed	2130 NEVADA AVENUE	WSW 0 - 1/8 (0.003 mi.)	A2	94
CALIFORNIA STREET LA Database: SWF/LF (SWIS), Date of Government Version: 05/10/2021 Facility ID: 36-AA-0017 Operational Status: Active Regulation Status: Permitted	2151 NEVADA	WSW 0 - 1/8 (0.010 mi.)	A3	96

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REDLANDS CITY CA STR Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 03/08/2021 Status: Completed - Case Closed Facility Status: Case Closed Global Id: T0607100280	1950 NEVADA	SW 0 - 1/8 (0.061 mi.)	4	174

EXECUTIVE SUMMARY

Global ID: T0607100280

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, has revealed that there is 1 UST 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>
AG-TEUNISSEN FARMING Database: UST, Date of Government Version: 03/08/2021 Facility Id: 88015440	9092 ALABAMA ST	E 1/8 - 1/4 (0.235 mi.)	11	231

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CALIFORNIA STREET LA	2151 NEVADA	WSW 0 - 1/8 (0.010 mi.)	A3	96

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 04/19/2021 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REDLANDS CITY CA STR	1950 NEVADA	SW 0 - 1/8 (0.061 mi.)	4	174

EXECUTIVE SUMMARY

PFAS: A listing of PFAS contaminated sites included in the GeoTracker database.

A review of the PFAS list, as provided by EDR, and dated 02/24/2021 has revealed that there is 1 PFAS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CALIFORNIA STREET LA	2151 NEVADA	WSW 0 - 1/8 (0.010 mi.)	A3	96

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 04/19/2021 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REDLANDS CITY CA STR	1950 NEVADA	SW 0 - 1/8 (0.061 mi.)	4	174

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 03/22/2021 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PAYLESS SHOESOURCE D EPA ID:: CAL000404153	26881 PALMETTO AVE	SW 1/8 - 1/4 (0.170 mi.)	C9	224

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site 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>
NORTON AIR FORCE BAS		NNW 1/4 - 1/2 (0.292 mi.)	0	9

EXECUTIVE SUMMARY

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 04/27/2021 has revealed that there is 1 ROD site 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>
USAF NORTON AFB EPA ID:: CA4570024345	305 S TIPPECANOE AVE	NNW 1/8 - 1/4 (0.222 mi.)	0	10

UXO: A listing of unexploded ordnance site locations

A review of the UXO list, as provided by EDR, and dated 12/31/2018 has revealed that there are 2 UXO sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER SKEET RANGE N		NNW 1/2 - 1 (0.671 mi.)	12	231
FORMER SKEET RANGE N		N 1/2 - 1 (0.916 mi.)	13	232

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 03/22/2021 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REDLANDS CITY CA STR Cleanup Status: COMPLETED - CASE CLOSED	1950 NEVADA	SW 0 - 1/8 (0.061 mi.)	4	174

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 [CAL SITES]. 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 is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REDLANDS CITY CA STR Reg Id: 083602258T	1950 NEVADA	SW 0 - 1/8 (0.061 mi.)	4	174

MINES: A listing of mine site locations from the Office of Mine Reclamation.

A review of the MINES list, as provided by EDR, and dated 03/08/2021 has revealed that there is 1 MINES site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CALIFORNIA STREET LA	35 CAJON STREET, P.O	NW 0 - 1/8 (0.073 mi.)	5	206

EXECUTIVE SUMMARY

San Bern. Co. Permit: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bern. Co. Permit list, as provided by EDR, and dated 05/19/2021 has revealed that there are 5 San Bern. Co. Permit sites within approximately 0.25 miles of the target property.

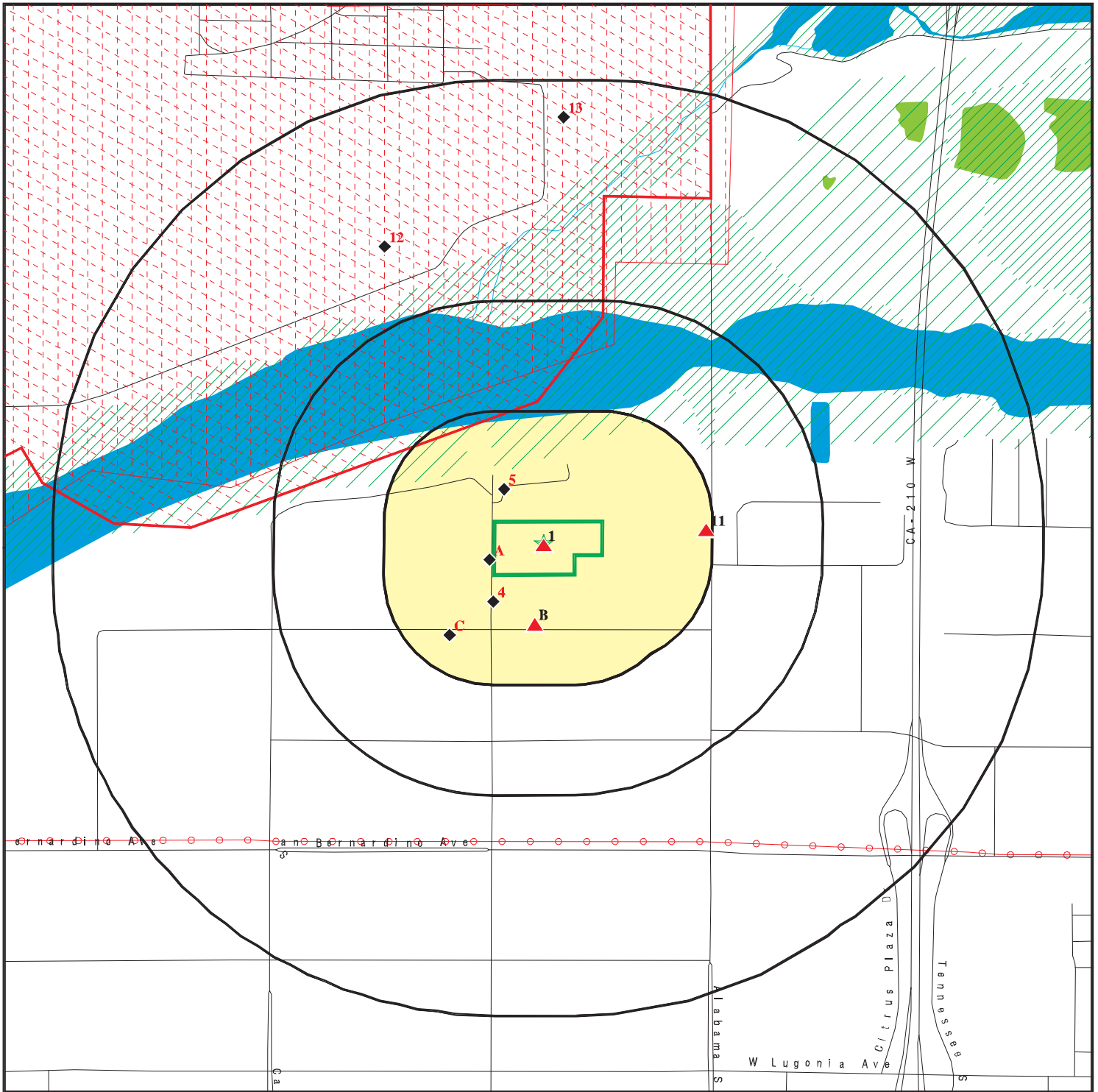
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INFORMATION PROCESS Facility Status: INACTIVE Facility Id: FA0016951	26940 PALMETTO AVE	S 0 - 1/8 (0.112 mi.)	B6	206
#585 PALMETTO, REDLA Facility Status: ACTIVE Facility Id: FA0010032	26940 PALMETTO AVE	S 0 - 1/8 (0.112 mi.)	B7	208
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REDLANDS CITY CA STR Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0013949	1950 NEVADA	SW 0 - 1/8 (0.061 mi.)	4	174
CALIFORNIA PALMS BUS Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0010025 Facility Id: FA0011285	26881 PALMETTO AVE	SW 1/8 - 1/4 (0.170 mi.)	C8	219
PAYLESS SHOE STORES Facility Status: ACTIVE Facility Id: FA0018127	26881 PALMETTO AVE	SW 1/8 - 1/4 (0.170 mi.)	C10	226

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 6 records.

<u>Site Name</u>	<u>Database(s)</u>
SOUTHERN PACIFIC RAIL YARD	CPS-SLIC, CERS
CHARTER LEASING	LUST, HIST CORTESE
ALABAMA STREET ILLEGAL DISPOSAL SI	SWF/LF
U.S. AIR FORCE - NORTON AFB (FORME	CPS-SLIC
CRAFTON-REDLANDS AREA	CA BOND EXP. PLAN
CALIFORNIA STREET LANDFILL	ODI

OVERVIEW MAP - 6630553.2S



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

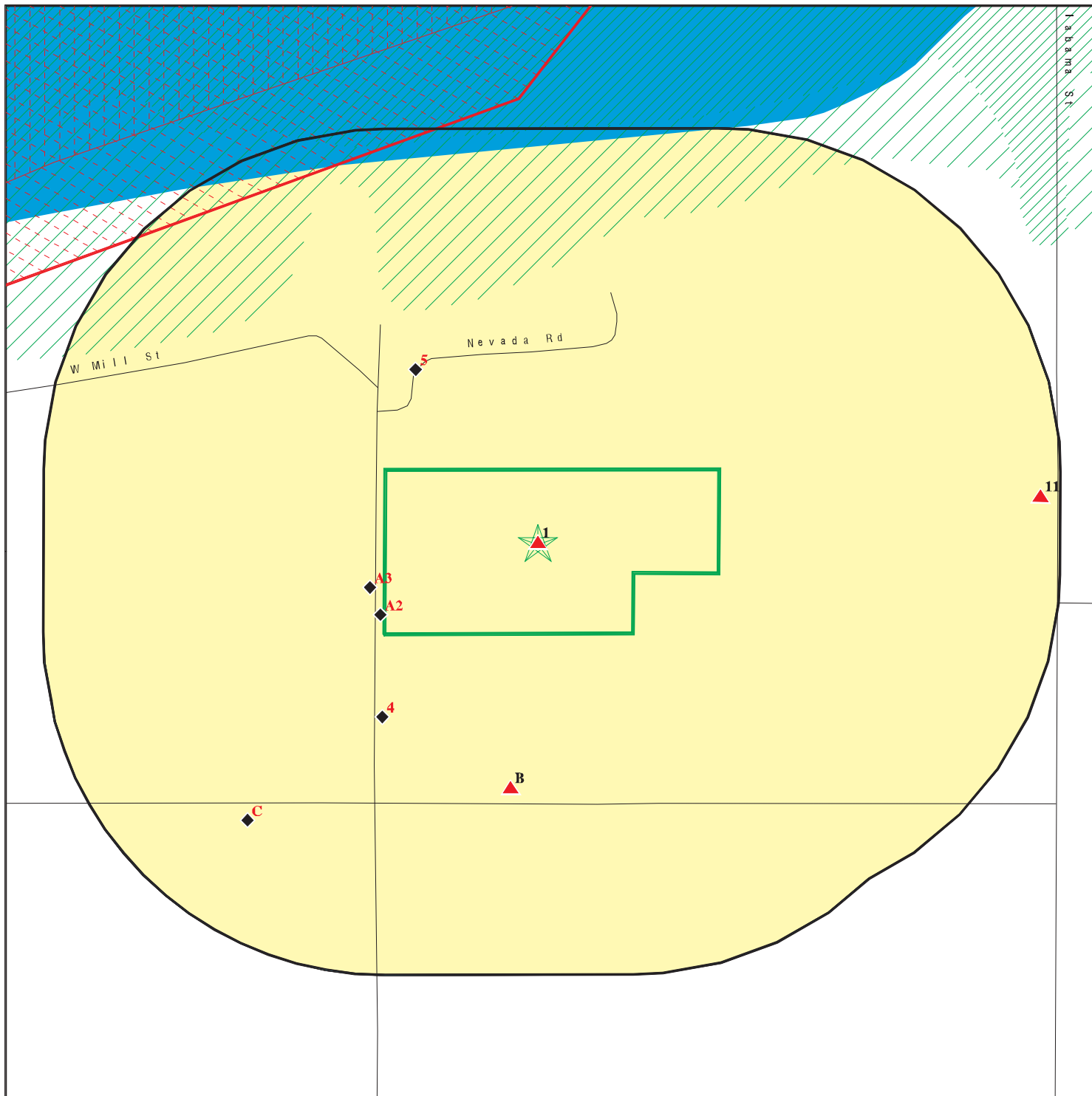








This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

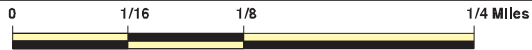
SITE NAME: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS CA 92374
 LAT/LONG: 34.087609 / 117.215378




CLIENT: V3 Companies of IL, LTD
 CONTACT: Elaine Petkovsek
 INQUIRY #: 6630553.2s
 DATE: August 23, 2021 8:56 am

DETAIL MAP - 6630553.2S



-  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
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  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: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS CA 92374
 LAT/LONG: 34.087609 / 117.215378

CLIENT: V3 Companies of IL, LTD
 CONTACT: Elaine Petkovsek
 INQUIRY #: 6630553.2s
 DATE: August 23, 2021 8:57 am

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
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
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	1	0	NR	1
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	1	0	0	NR	1
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
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	2	NR	2
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		1	0	0	NR	NR	1
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		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		1	0	0	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		1	0	NR	NR	NR	1
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
San Bern. Co. Permit	0.250		3	2	NR	NR	NR	5
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 PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001	1	0	NR	NR	NR	NR	1
CERS	0.001		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		NR	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<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
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<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	13	12	1	2	0	29

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 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 ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
Target
Property
REDLANDS DISTRIBUTION CENTER 14
27050 PALMETTO AVE
REDLANDS, CA 92374

CIWQS **S114406148**
N/A

Actual:
1193 ft.

CIWQS:
Name: REDLANDS DISTRIBUTION CENTER 14
Address: 27050 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Agency: Prologis LP
Agency Address: 2546 Concours St Suite 100, Ontario, CA 91764
Place/Project Type: Construction - Industrial
SIC/NAICS: Not reported
Region: 8
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 8 36C368162
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 11/04/2013
Termination Date: 01/22/2015
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.08754
Longitude: -117.22287

DOD
Region
NNW
1/4-1/2
1541 ft.
NORTON AIR FORCE BASE (CLOSED)
NORTON AIR FORCE BASE (CL (County), CA)

DOD **CUSA143166**
N/A

DOD:
Feature 1: Air Force DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Norton Air Force Base (Closed)
Name 2: Not reported
Name 3: Not reported
State: CA
DOD Site: Yes
Tile name: CASAN_BERNARDINO

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NPL
Region
NNW
1/8-1/4
1174 ft.

USAF NORTON AFB
305 S TIPPECANOE AVE
SAN BERNARDINO, CA 92408

NPL 1000417274
SEMS CA4570024345
CORRACTS
RCRA-TSDF
RCRA-SQG
US ENG CONTROLS
US INST CONTROLS
ROD
PADS

NPL:
 EPA Region: 9
 EPA ID: CA4570024345
 Site ID: 902760
 Name: NORTON AIR FORCE BASE (LNDFLL #2)
 Address: I-10/US 395 FORMER NORTON AFB
 City,State,Zip: SAN BERNARDINO, CA 92408
 Federal: Y
 Final Date: 1987-07-22 00:00:00
 Latitude: 34.098061
 Longitude: -117.2372
 Site Score: 39.649999999999999

NPL:
 NPL Status: Currently on the Final NPL
 Substance ID: Not reported
 CAS Number: Not reported
 Substance: Not reported
 Pathway: Not reported
 Scoring: Not reported

NPL Status: Currently on the Final NPL
 Substance ID: U211
 CAS Number: 56-23-5
 Substance: CARBON TETRACHLORIDE
 Pathway: GROUND WATER PATHWAY
 Scoring: 3

NPL Status: Currently on the Final NPL
 Substance ID: U228
 CAS Number: 79-01-6
 Substance: TRICHLOROETHYLENE (TCE)
 Pathway: GROUND WATER PATHWAY
 Scoring: 2

Summary Details:

Conditions at proposal October 15, 1984): Norton Air Force Base covers approximately 2,036 acres 58 miles east of Los Angeles near the City of San Bernardino, San Bernardino County, California. It is in a low-lying alluvial plain surrounded on the north and east by the San Bernardino Mountain Range. The base began operations in 1942 and has served as a major overhaul center for jet engines and the general repair of aircraft. Since 1962, the facility has served as a Military Airlift Command Base. In addition, Norton formerly had the responsibility for providing maintenance and logistics for liquid-fuel intercontinental ballistic missiles. Past hazardous waste management practices may have contributed to existing contamination problems throughout the base. The practices include burial of drums and other unspecified materials; disposal of waste oils, solvents, and paint residues into landfills, unlined pits, ponds, and drying beds; storage in leaking

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

underground tanks; and spills of AVGAS, oils, solvents, PCBs, and acidic plating solutions. Industrial solvents have been used extensively on the base. Unknown quantities of spent solvents were disposed of in several base landfills. A well on the base has been contaminated with trichloroethylene (TCE). The well water is currently being used in a blended system and is sampled quarterly to ensure that TCE is below the California State action level. The water is used by approximately 11,000 people who live and/or work on the base. Norton Air Force Base is participating in the Installation Restoration Program (IRP), established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. The Air Force has completed Phase I records search). Phase II remedial investigation) is underway. Status July 22, 1987): In November 1986, the California Regional Water Quality Control Board issued a Cleanup and Abatement Order requiring Norton to clean up one on-base area, the Industrial Waste Water Treatment Plant Sludge Drying Beds. Phase II-Stage 2 of the IRP was completed in December 1986. It focused on characterization of the contamination at 18 on-base areas. More than 22 areas have been identified to date. Additional areas will be studied in Stage 3, scheduled to begin in the fall of 1987. Within the boundaries of this Federal facility, there are areas subject to the Subtitle C corrective action authorities of the Resource Conservation and Recovery Act (RCRA). However, no such areas were included in scoring this specific site. Therefore, this Federal facility site is being placed on the Federal section of the NPL under the NPL/RCRA policy announced on September 8, 1983 (48 FR 40662).

NPL:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 50 And <= 100 Feet
Category Value: 80

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

NPL:

NPL Name: NORTON AIR FORCE BASE (LND FLL #2)

NPL:

EPA Region: 09
Site ID: 0902760
Site Status: F
Federal Site: Y
Date Deleted: Not reported
Date Finalized: 07/22/87
Date Proposed: 10/15/84

NPL:

Proposed Date: 10/15/1984
Final Date: 07/22/1987
Deleted Date: Not reported
NPL Status: Final

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

SEMS:

Site ID: 0902760
EPA ID: CA4570024345
Name: NORTON AIR FORCE BASE (LNDFLL #2)
Address: I-10/US 395 FORMER NORTON AFB
Address 2: Not reported
City,State,Zip: SAN BERNARDINO, CA 92408
Cong District: 31,40
FIPS Code: 06071
Latitude: 34.098061
Longitude: -117.237200
FF: Y
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 00
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 1987-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 00
Action Code: CM
Action Name: PCOR
SEQ: 1
Start Date: 2006-05-16 04:00:00
Finish Date: 5/16/2006 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1988-06-01 04:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Finish Date:	6/1/1988 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902760
EPA ID:	CA4570024345
Site Name:	NORTON AIR FORCE BASE (LNDFLL #2)
NPL:	F
FF:	Y
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	1989-04-30 04:00:00
Finish Date:	6/30/1994 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902760
EPA ID:	CA4570024345
Site Name:	NORTON AIR FORCE BASE (LNDFLL #2)
NPL:	F
FF:	Y
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	2000-07-24 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902760
EPA ID:	CA4570024345
Site Name:	NORTON AIR FORCE BASE (LNDFLL #2)
NPL:	F
FF:	Y
OU:	02
Action Code:	OM
Action Name:	OM
SEQ:	2
Start Date:	1999-11-28 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902760
EPA ID:	CA4570024345
Site Name:	NORTON AIR FORCE BASE (LNDFLL #2)
NPL:	F
FF:	Y
OU:	01
Action Code:	LW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Action Name: FF RI/FS
SEQ: 1
Start Date: 1989-06-29 04:00:00
Finish Date: 11/24/1993 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: LV
Action Name: FF RV
SEQ: 13
Start Date: 2004-02-02 05:00:00
Finish Date: 9/29/2005 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: LV
Action Name: FF RV
SEQ: 14
Start Date: 2003-11-24 05:00:00
Finish Date: 9/29/2005 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: LV
Action Name: FF RV
SEQ: 15
Start Date: 2003-12-17 05:00:00
Finish Date: 9/29/2005 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

FF: Y
OU: 02
Action Code: LV
Action Name: FF RV
SEQ: 16
Start Date: 2003-12-11 05:00:00
Finish Date: 12/3/2004 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: LV
Action Name: FF RV
SEQ: 17
Start Date: 1996-09-20 04:00:00
Finish Date: 11/15/1996 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: LV
Action Name: FF RV
SEQ: 6
Start Date: 1996-03-25 05:00:00
Finish Date: 4/22/1997 4:00:00 AM
Qual: P
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: LV
Action Name: FF RV
SEQ: 7
Start Date: 1996-04-25 04:00:00
Finish Date: 9/30/1999 4:00:00 AM
Qual: S
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: LV
Action Name: FF RV
SEQ: 8
Start Date: 1996-04-18 04:00:00
Finish Date: 12/19/1997 5:00:00 AM
Qual: P
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: LV
Action Name: FF RV
SEQ: 9
Start Date: 1997-06-30 04:00:00
Finish Date: 12/8/1998 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: LV
Action Name: FF RV
SEQ: 11
Start Date: 1997-06-25 04:00:00
Finish Date: 12/8/1998 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: LV
Action Name: FF RV
SEQ: 12
Start Date: 1996-04-15 04:00:00
Finish Date: 7/22/1997 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1984-04-01 06:00:00
Finish Date: 4/1/1984 6:00:00 AM
Qual: H
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: LW
Action Name: FF RI/FS
SEQ: 3
Start Date: 1998-10-01 04:00:00
Finish Date: 6/10/2003 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: RO
Action Name: ROD
SEQ: 2
Start Date: 2005-09-29 04:00:00
Finish Date: 9/29/2005 4:00:00 AM
Qual: R
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 01
Action Code: LX
Action Name: FF RD
SEQ: 1
Start Date: 1993-11-24 05:00:00
Finish Date: 9/16/1994 4:00:00 AM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902760
EPA ID:	CA4570024345
Site Name:	NORTON AIR FORCE BASE (LNDFLL #2)
NPL:	F
FF:	Y
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1984-10-15 05:00:00
Finish Date:	10/15/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902760
EPA ID:	CA4570024345
Site Name:	NORTON AIR FORCE BASE (LNDFLL #2)
NPL:	F
FF:	Y
OU:	02
Action Code:	EE
Action Name:	EE/CA
SEQ:	1
Start Date:	1996-03-29 05:00:00
Finish Date:	3/29/1996 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902760
EPA ID:	CA4570024345
Site Name:	NORTON AIR FORCE BASE (LNDFLL #2)
NPL:	F
FF:	Y
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1993-11-24 05:00:00
Finish Date:	11/24/1993 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902760
EPA ID:	CA4570024345
Site Name:	NORTON AIR FORCE BASE (LNDFLL #2)
NPL:	F
FF:	Y
OU:	00
Action Code:	DS
Action Name:	DISCVRY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

SEQ:	1
Start Date:	1980-08-01 04:00:00
Finish Date:	8/1/1980 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902760
EPA ID:	CA4570024345
Site Name:	NORTON AIR FORCE BASE (LNDFLL #2)
NPL:	F
FF:	Y
OU:	00
Action Code:	LV
Action Name:	FF RV
SEQ:	1
Start Date:	1991-01-04 05:00:00
Finish Date:	4/8/1992 4:00:00 AM
Qual:	C
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902760
EPA ID:	CA4570024345
Site Name:	NORTON AIR FORCE BASE (LNDFLL #2)
NPL:	F
FF:	Y
OU:	02
Action Code:	RO
Action Name:	ROD
SEQ:	3
Start Date:	1997-06-25 04:00:00
Finish Date:	6/25/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902760
EPA ID:	CA4570024345
Site Name:	NORTON AIR FORCE BASE (LNDFLL #2)
NPL:	F
FF:	Y
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-04-01 06:00:00
Finish Date:	4/1/1984 6:00:00 AM
Qual:	L
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902760
EPA ID:	CA4570024345
Site Name:	NORTON AIR FORCE BASE (LNDFLL #2)
NPL:	F
FF:	Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

OU: 00
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 1987-07-22 04:00:00
Finish Date: 7/22/1987 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 01
Action Code: LY
Action Name: FF RA
SEQ: 1
Start Date: 1994-09-16 04:00:00
Finish Date: 7/26/1996 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 02
Action Code: LV
Action Name: FF RV
SEQ: 2
Start Date: 1995-12-21 05:00:00
Finish Date: 7/28/1999 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 09
Site ID: 0902760
EPA ID: CA4570024345
Site Name: NORTON AIR FORCE BASE (LNDFLL #2)
NPL: F
FF: Y
OU: 01
Action Code: OM
Action Name: OM
SEQ: 1
Start Date: 1996-07-26 04:00:00
Finish Date: 12/21/2005 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

CORRACTS:

Name: USAF NORTON AFB

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Address: 305 S TIPPECANOE AVE
Address 2: Not reported
EPA ID: CA4570024345
Area Name: CENTRAL BASE AREA OU
Corrective Action: INVESTIGATION WORKPLAN APPROVED
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: USAF NORTON AFB
Address: 305 S TIPPECANOE AVE
Address 2: Not reported
EPA ID: CA4570024345
Area Name: CENTRAL BASE AREA OU
Corrective Action: INVESTIGATION COMPLETE
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: USAF NORTON AFB
Address: 305 S TIPPECANOE AVE
Address 2: Not reported
EPA ID: CA4570024345
Area Name: CENTRAL BASE AREA OU
Corrective Action: CMS WORKPLAN APPROVED
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: USAF NORTON AFB
Address: 305 S TIPPECANOE AVE
Address 2: Not reported
EPA ID: CA4570024345
Area Name: CENTRAL BASE AREA OU
Corrective Action: CMS COMPLETE
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: USAF NORTON AFB
Address: 305 S TIPPECANOE AVE
Address 2: Not reported
EPA ID: CA4570024345
Area Name: CENTRAL BASE AREA OU
Corrective Action: CMI WORKPLAN APPROVED
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Surface Water Release Indicator: Not reported

Name: USAF NORTON AFB
Address: 305 S TIPPECANOE AVE
Address 2: Not reported
EPA ID: CA4570024345
Area Name: CENTRAL BASE AREA OU
Corrective Action: STABILIZATION/INTERIM MEASURES DECISION-GROUNDWATER EXTRACTION and TREATMENT
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: USAF NORTON AFB
Address: 305 S TIPPECANOE AVE
Address 2: Not reported
EPA ID: CA4570024345
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: USAF NORTON AFB
Address: 305 S TIPPECANOE AVE
Address 2: Not reported
EPA ID: CA4570024345
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: USAF NORTON AFB
Address: 305 S TIPPECANOE AVE
Address 2: Not reported
EPA ID: CA4570024345
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: USAF NORTON AFB
Address: 305 S TIPPECANOE AVE
Address 2: Not reported
EPA ID: CA4570024345

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Area Name: ENTIRE FACILITY
Corrective Action: REMEDY DECISION
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: USAF NORTON AFB
Address: 305 S TIPPECANOE AVE
Address 2: Not reported
EPA ID: CA4570024345
Area Name: ENTIRE FACILITY
Corrective Action: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

[Click this hyperlink](#) while viewing on your computer to access
1 additional CORRACTS: record(s) in the EDR Site Report.

RCRA-SQG:

Date Form Received by Agency: 1996-09-01 00:00:00.0
Handler Name: USAF NORTON AFB
Handler Address: 305 S TIPPECANOE AVE
Handler City,State,Zip: SAN BERNARDINO, CA 92408
EPA ID: CA4570024345
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Federal
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities, Corrective Action Activities
State District Owner: CA
State District: 4
Mailing Address: 63RD CIV ENG SQU/DEEV
Mailing City,State,Zip: NORTON AFB, CA 92409
Owner Name: Not reported
Owner Type: Not reported
Operator Name: MULTIPLE OPS - USAF & DPDO
Operator Type: Federal
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: Yes
Transfer Facility Activity: No
Recycler Activity with Storage: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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:	The land is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not Accomplished
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
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:	Yes
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	No
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2006-09-05 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:	
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULTIPLE OPS - USAF & DPDO
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Owner/Operator Address: US DEPT OF AIR FORCE NORTON
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 714-382-3909
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MULTIPLE OPS - USAF & DPDO
Legal Status: Federal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: US DEPT OF AIR FORCE NORTON
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 714-382-3909
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: US AIR FORCE
Legal Status: Federal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NORTON AFB
Owner/Operator City,State,Zip: SAN BERNARDINO, CA 92409
Owner/Operator Telephone: 714-382-3909
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Receive Date: 1980-08-18 00:00:00.0
Handler Name: USAF NORTON AFB
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1990-04-17 00:00:00.0
Handler Name: NORTON AIR FORCE BASE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1992-02-28 00:00:00.0
Handler Name: NORTON AIR FORCE BASE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-28 00:00:00.0
Handler Name: USAF NORTON AFB
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-03-11 00:00:00.0
Handler Name: NORTON AIR FORCE BASE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

List of NAICS Codes and Descriptions:

NAICS Code:	2349
NAICS Description:	OTHER HEAVY CONSTRUCTION
NAICS Code:	23552
NAICS Description:	FLOOR LAYING AND OTHER FLOOR CONTRACTORS
NAICS Code:	332813
NAICS Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING
NAICS Code:	336411
NAICS Description:	AIRCRAFT MANUFACTURING
NAICS Code:	48811
NAICS Description:	AIRPORT OPERATIONS
NAICS Code:	56121
NAICS Description:	FACILITIES SUPPORT SERVICES
NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR
NAICS Code:	81292
NAICS Description:	PHOTOFINISHING
NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS
NAICS Code:	92811
NAICS Description:	NATIONAL SECURITY

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-08-20 00:00:00.0
Actual Return to Compliance Date:	1988-07-26 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

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

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1987-06-23 00:00:00.0
Actual Return to Compliance Date: 1987-08-06 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-10-30 00:00:00.0
Actual Return to Compliance Date:	1990-03-14 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-03-14 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1989-12-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-05-15 00:00:00.0
Actual Return to Compliance Date:	1992-06-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	2003-04-22 00:00:00.0
Actual Return to Compliance Date:	2005-07-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	500
Date of Enforcement Action:	2005-03-17 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-07-26 00:00:00.0
Actual Return to Compliance Date:	1989-10-30 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-20 00:00:00.0
Actual Return to Compliance Date:	1988-07-26 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-05-15 00:00:00.0
Actual Return to Compliance Date:	1992-06-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1993-04-22 00:00:00.0
Actual Return to Compliance Date:	1994-01-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-05-13 00:00:00.0
Enforcement Identifier:	006
Date of Enforcement Action:	1993-04-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	2003-04-22 00:00:00.0
Actual Return to Compliance Date:	2005-07-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	200
Date of Enforcement Action:	2005-03-16 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1992-05-15 00:00:00.0
Actual Return to Compliance Date:	1992-06-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-05-15 00:00:00.0
Actual Return to Compliance Date:	1992-06-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1991-02-27 00:00:00.0
Actual Return to Compliance Date:	1991-05-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-07-12 00:00:00.0
Enforcement Identifier:	005
Date of Enforcement Action:	1991-04-12 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-06-23 00:00:00.0
Actual Return to Compliance Date:	1987-08-06 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	1987-08-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1993-04-22 00:00:00.0
Actual Return to Compliance Date:	1994-01-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-05-13 00:00:00.0
Enforcement Identifier:	006
Date of Enforcement Action:	1993-04-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	1987-08-20 00:00:00.0
Actual Return to Compliance Date:	1988-07-26 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-04-22 00:00:00.0
Actual Return to Compliance Date:	1994-01-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-05-13 00:00:00.0
Enforcement Identifier:	006
Date of Enforcement Action:	1993-04-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-04-22 00:00:00.0
Actual Return to Compliance Date:	1994-01-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-05-13 00:00:00.0
Enforcement Identifier:	006
Date of Enforcement Action:	1993-04-22 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 1987-08-20 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1988-07-26 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2005-06-22 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-07-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2008-06-19 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Evaluation Date: 2006-04-25 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-06-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-06-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1987-08-06 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1989-10-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1990-03-14 00:00:00.0
Scheduled Compliance Date: 1990-03-14 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1992-03-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: KMORI

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1992-06-19 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2007-04-11 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2003-04-22 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2005-07-27 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1988-07-26 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1989-10-30 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-08-20 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1988-07-26 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-03-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KMORI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-06-19 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-03-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1994-01-28 00:00:00.0
Scheduled Compliance Date:	1993-05-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-04-22 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2005-07-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-01-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-07-30 00:00:00.0
Evaluation Responsible Agency:	EPA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-04-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-03-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KMORI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-06-19 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-04-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-03-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KMORI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-06-19 00:00:00.0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-02-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1991-05-16 00:00:00.0
Scheduled Compliance Date:	1991-07-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-06-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-08-06 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-03-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1994-01-28 00:00:00.0
Scheduled Compliance Date:	1993-05-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-20 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-07-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Evaluation Date: 1993-03-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1994-01-28 00:00:00.0
Scheduled Compliance Date: 1993-05-13 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1993-03-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1994-01-28 00:00:00.0
Scheduled Compliance Date: 1993-05-13 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-04-19 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

USAF NORTON AFB (Continued)

1000417274

RCRA-SQG:
 Date Form Received by Agency: 1996-09-01 00:00:00.0
 Handler Name: USAF NORTON AFB
 Handler Address: 305 S TIPPECANOE AVE
 Handler City,State,Zip: SAN BERNARDINO, CA 92408
 EPA ID: CA4570024345
 Contact Name: Not reported
 Contact Address: Not reported
 Contact City,State,Zip: Not reported
 Contact Telephone: Not reported
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 09
 Land Type: Federal
 Federal Waste Generator Description: Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities, Corrective Action Activities
 State District Owner: CA
 State District: 4
 Mailing Address: 63RD CIV ENG SQU/DEEV
 Mailing City,State,Zip: NORTON AFB, CA 92409
 Owner Name: Not reported
 Owner Type: Not reported
 Operator Name: MULTIPLE OPS - USAF & DPDO
 Operator Type: Federal
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: Yes
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: The land is federally-owned, The site is federally-operated
 Hazardous Secondary Material Indicator: NN
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Storage, Treatment
 2018 GPRA Permit Baseline: Not Accomplished
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported
 Permit Workload Universe: Not reported
 Permit Progress Universe: Storage, Treatment
 Post-Closure Workload Universe: Not reported
 Closure Workload Universe: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

USAF NORTON AFB (Continued)

1000417274

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
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:	Yes
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	No
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2006-09-05 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULTIPLE OPS - USAF & DPDO
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	US DEPT OF AIR FORCE NORTON
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 99999
Owner/Operator Telephone:	714-382-3909
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MULTIPLE OPS - USAF & DPDO
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	US DEPT OF AIR FORCE NORTON
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 99999
Owner/Operator Telephone:	714-382-3909
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	US AIR FORCE
Legal Status:	Federal
Date Became Current:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Date Ended Current: Not reported
Owner/Operator Address: NORTON AFB
Owner/Operator City,State,Zip: SAN BERNARDINO, CA 92409
Owner/Operator Telephone: 714-382-3909
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

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

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

Receive Date: 1980-08-18 00:00:00.0
Handler Name: USAF NORTON AFB
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1990-04-17 00:00:00.0
Handler Name: NORTON AIR FORCE BASE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1992-02-28 00:00:00.0
Handler Name: NORTON AIR FORCE BASE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-28 00:00:00.0
Handler Name: USAF NORTON AFB
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-03-11 00:00:00.0
Handler Name: NORTON AIR FORCE BASE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 2349
NAICS Description: OTHER HEAVY CONSTRUCTION

NAICS Code: 23552
NAICS Description: FLOOR LAYING AND OTHER FLOOR CONTRACTORS

NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

NAICS Code: 336411
NAICS Description: AIRCRAFT MANUFACTURING

NAICS Code: 48811

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

USAF NORTON AFB (Continued)

1000417274

NAICS Description:	AIRPORT OPERATIONS
NAICS Code:	56121
NAICS Description:	FACILITIES SUPPORT SERVICES
NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR
NAICS Code:	81292
NAICS Description:	PHOTOFINISHING
NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS
NAICS Code:	92811
NAICS Description:	NATIONAL SECURITY

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-08-20 00:00:00.0
Actual Return to Compliance Date:	1988-07-26 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-06-23 00:00:00.0
Actual Return to Compliance Date:	1987-08-06 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1989-10-30 00:00:00.0
Actual Return to Compliance Date: 1990-03-14 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1990-03-14 00:00:00.0
Enforcement Identifier: 004
Date of Enforcement Action: 1989-12-11 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1992-05-15 00:00:00.0
Actual Return to Compliance Date: 1992-06-19 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 2003-04-22 00:00:00.0
Actual Return to Compliance Date: 2005-07-27 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 500
Date of Enforcement Action: 2005-03-17 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1988-07-26 00:00:00.0
Actual Return to Compliance Date: 1989-10-30 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD IS-Ground-Water Monitoring
Date Violation was Determined:	1987-08-20 00:00:00.0
Actual Return to Compliance Date:	1988-07-26 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1992-05-15 00:00:00.0
Actual Return to Compliance Date: 1992-06-19 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1993-04-22 00:00:00.0
Actual Return to Compliance Date: 1994-01-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1993-05-13 00:00:00.0
Enforcement Identifier: 006
Date of Enforcement Action: 1993-04-22 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Ground-Water Monitoring
Date Violation was Determined: 2003-04-22 00:00:00.0
Actual Return to Compliance Date: 2005-07-27 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 200
Date of Enforcement Action: 2005-03-16 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1992-05-15 00:00:00.0
Actual Return to Compliance Date: 1992-06-19 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1992-05-15 00:00:00.0
Actual Return to Compliance Date:	1992-06-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1991-02-27 00:00:00.0
Actual Return to Compliance Date: 1991-05-16 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1991-07-12 00:00:00.0
Enforcement Identifier: 005
Date of Enforcement Action: 1991-04-12 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1987-06-23 00:00:00.0
Actual Return to Compliance Date: 1987-08-06 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 1987-08-06 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 1993-04-22 00:00:00.0
Actual Return to Compliance Date: 1994-01-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1993-05-13 00:00:00.0
Enforcement Identifier: 006
Date of Enforcement Action: 1993-04-22 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - Closure/Post-Closure
Date Violation was Determined: 1987-08-20 00:00:00.0
Actual Return to Compliance Date: 1988-07-26 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1993-04-22 00:00:00.0
Actual Return to Compliance Date: 1994-01-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1993-05-13 00:00:00.0
Enforcement Identifier: 006
Date of Enforcement Action: 1993-04-22 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1993-04-22 00:00:00.0
Actual Return to Compliance Date: 1994-01-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1993-05-13 00:00:00.0
Enforcement Identifier: 006
Date of Enforcement Action: 1993-04-22 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

USAF NORTON AFB (Continued)

1000417274

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

Evaluation Action Summary:

Evaluation Date: 1987-08-20 00:00:00.0
 Evaluation Responsible Agency: EPA
 Found Violation: Yes
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: R9EPA
 Evaluation Responsible Sub-Organization: Not reported
 Actual Return to Compliance Date: 1988-07-26 00:00:00.0
 Scheduled Compliance Date: Not reported
 Date of Request: Not reported
 Date Response Received: Not reported
 Request Agency: Not reported
 Former Citation: Not reported

Evaluation Date: 2005-06-22 00:00:00.0
 Evaluation Responsible Agency: State
 Found Violation: No
 Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Evaluation Responsible Person Identifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-07-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2008-06-19 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2006-04-25 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-06-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-06-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-08-06 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-10-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-03-14 00:00:00.0
Scheduled Compliance Date:	1990-03-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-03-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KMORI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-06-19 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-04-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-04-22 00:00:00.0
Evaluation Responsible Agency:	State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Found Violation:	Yes
Evaluation Type Description:	GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2005-07-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-07-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-10-30 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-08-20 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1988-07-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-03-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	KMORI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1992-06-19 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-03-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1994-01-28 00:00:00.0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Scheduled Compliance Date: 1993-05-13 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2003-04-22 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2005-07-27 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1994-01-26 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-07-30 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2015-04-29 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Evaluation Date: 1992-03-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: KMORI
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1992-06-19 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2017-04-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1992-03-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: KMORI
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1992-06-19 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1991-02-27 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1991-05-16 00:00:00.0
Scheduled Compliance Date: 1991-07-12 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-06-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1987-08-06 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1993-03-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1994-01-28 00:00:00.0
Scheduled Compliance Date: 1993-05-13 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-08-20 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9EPA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1988-07-26 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1993-03-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1994-01-28 00:00:00.0
Scheduled Compliance Date: 1993-05-13 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1993-03-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1994-01-28 00:00:00.0
Scheduled Compliance Date: 1993-05-13 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2016-04-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Site:

Name: NORTON AIR FORCE BASE (LNDFLL #2)
Address: I-10/US 395 FORMER NORTON AFB
Address 2: Not reported
City,State,Zip: SAN BERNARDINO, CA 92408
Event Code: Not reported
Action Taken Date: 09/29/2005
EPA ID: CA4570024345
Action Name: Record of Decision
Action ID: 2
Operable Unit: 02
Contaminated Media: Soil
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

Media:

EPA ID: CA4570024345
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Soil
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

EPA ID: CA4570024345
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Soil
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Soil
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Soil
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Soil
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Soil
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Contaminated Media: Soil
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Soil
Action ID: 2
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 09/29/2005
Event Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Soil
Action ID: 2
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 09/29/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Soil
Action ID: 2
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 09/29/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 06/25/1997
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Soil
Action ID: 3
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 06/25/1997
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Air
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

EPA ID: CA4570024345
Contaminated Media: Debris
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 11/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

US INST CONTROLS:

Name: NORTON AIR FORCE BASE (LNDFLL #2)
Address: I-10/US 395 FORMER NORTON AFB
Address 2: Not reported
City,State,Zip: SAN BERNARDINO, CA 92408
EPA ID: CA4570024345
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Actual Date: 11/24/1993
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

Name: NORTON AIR FORCE BASE (LNDFLL #2)
Address: I-10/US 395 FORMER NORTON AFB
Address 2: Not reported
City,State,Zip: SAN BERNARDINO, CA 92408
EPA ID: CA4570024345
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Actual Date: 11/24/1993
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

Name: NORTON AIR FORCE BASE (LNDFLL #2)
Address: I-10/US 395 FORMER NORTON AFB
Address 2: Not reported
City,State,Zip: SAN BERNARDINO, CA 92408
EPA ID: CA4570024345
Action Name: Record of Decision
Action ID: 2
Operable Unit: 02
Actual Date: 09/29/2005
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USAF NORTON AFB (Continued)

1000417274

Federal Facility: Y
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

Name: NORTON AIR FORCE BASE (LND FLL #2)
Address: I-10/US 395 FORMER NORTON AFB
Address 2: Not reported
City,State,Zip: SAN BERNARDINO, CA 92408
EPA ID: CA4570024345
Action Name: Record of Decision
Action ID: 3
Operable Unit: 02
Actual Date: 06/25/1997
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.098061
Longitude: -117.237200

ROD:

Name: NORTON AIR FORCE BASE (LND FLL #2)
Address: I-10/US 395 FORMER NORTON AFB
City,State,Zip: SAN BERNARDINO, CA 92408
EPA ID: CA4570024345
RG: 9
Site ID: 902760
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: CENTRAL BASE AREA
SEQ ID: 1
Action Completion: 1993-11-24 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: NORTON AIR FORCE BASE (LND FLL #2)
Address: I-10/US 395 FORMER NORTON AFB
City,State,Zip: SAN BERNARDINO, CA 92408
EPA ID: CA4570024345
RG: 9
Site ID: 902760
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: BASEWIDE
SEQ ID: 2
Action Completion: 2005-09-29 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: NORTON AIR FORCE BASE (LND FLL #2)
Address: I-10/US 395 FORMER NORTON AFB

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

USAF NORTON AFB (Continued)

1000417274

City,State,Zip: SAN BERNARDINO, CA 92408
 EPA ID: CA4570024345
 RG: 9
 Site ID: 902760
 Action: GOVT Decision Document (ROD)
 Operable Unit Number: BASEWIDE
 SEQ ID: 3
 Action Completion: 1997-06-25 00:00:00
 NPL Status: Final
 Non NPL Status: Not reported

PADS:

Name: USAF NORTON AFB
 Address: 63 CES DEV
 Address 2: Not reported
 City,State,Zip: NORTON AFB, CA 92409
 EDR ID: 1000417274
 EPAID: CA4570024345
 Region: 9
 Generator: Y
 Storer: N
 Disposer: N
 Transporter: N
 Smelter: N
 Research Facility: N
 Mailing Address: 63 CES DEV
 Mailing Address 2: Not reported
 Mailing City: NORTON AFB
 Mailing State: CA
 Mailing Zip: 92409
 Mailing Country: US
 Owner Name: US DOD
 Certification Date: 06/22/1990
 Contact Name: EDMUND M DIENZO
 Contact Title: Not reported
 Contact Telephone: 714-382-2444
 Contact Text: Not reported
 Contact Email: Not reported

A2
WSW
 < 1/8
 0.003 mi.
 14 ft.

HASKELL CO. INDUSTRIAL COMPOSTING FAC.
2130 NEVADA AVENUE
REDLANDS, CA 92374

SWF/LF S107863487
N/A

Site 1 of 2 in cluster A

Relative:
Lower
Actual:
1187 ft.

SWF/LF (SWIS):
 Name: HASKELL CO. INDUSTRIAL COMPOSTING FAC.
 Address: 2130 NEVADA AVENUE
 City,State,Zip: REDLANDS, CA 92374
 Region: STATE
 Facility ID: 36-AA-0443
 SWIS Number: 36-AA-0443
 Point of Contact: Megan Emslander
 Is Archived: Yes
 Is Closed Illegal Abandoned: No
 Is Site Inert Debris Engineered Fill: No
 Is Financial Assurances Responsible: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HASKELL CO. INDUSTRIAL COMPOSTING FAC. (Continued)

S107863487

Absorbed On:	Not reported
Operational Status:	Planned
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Redlands
Reporting Agency Legal Name:	County of San Bernardino
Reporting Agency Department:	Div. of Environmental Health Services
Enforcing Agency Legal Name:	County of San Bernardino
Enforcing Agency Department:	Div. of Environmental Health Services
Regulation Status:	Proposed
Operator:	
SWIS Number:	36-AA-0443
Site Name:	Haskell Co. Industrial Composting Fac.
Site Operational Status:	Planned
Site Type:	Non-Disposal Only
Site Regulatory Status:	Proposed
Latitude:	34.08667
Longitude:	-117.21668
Is Archived:	Yes
Operator:	ABT-Haskell, LLC
Started On:	3/29/2006
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Street Address:	280 Business Park Circle, Suite 411
Operator City:	St. Augustine
Operator State:	FL
Operator Zip:	32095
Waste:	
SWIS Number:	36-AA-0443
Site Name:	Haskell Co. Industrial Composting Fac.
Activity:	Sludge Composting Facility
Waste Type:	Food Wastes
Site Is Archived:	Yes
Site Operational Status:	Planned
Site Regulatory Status:	Proposed
Site Type:	Non-Disposal Only
Point of Contact:	Megan Emslander
Activity Is Archived:	Yes
Activity Operational Status:	Planned
Activity Regulatory Status:	Proposed
Activity Category:	Composting
Activity Classification:	Solid Waste Facility
SWIS Number:	36-AA-0443
Site Name:	Haskell Co. Industrial Composting Fac.
Activity:	Sludge Composting Facility
Waste Type:	Green Materials
Site Is Archived:	Yes
Site Operational Status:	Planned
Site Regulatory Status:	Proposed

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HASKELL CO. INDUSTRIAL COMPOSTING FAC. (Continued)

S107863487

Site Type:	Non-Disposal Only
Point of Contact:	Megan Emslander
Activity Is Archived:	Yes
Activity Operational Status:	Planned
Activity Regulatory Status:	Proposed
Activity Category:	Composting
Activity Classification:	Solid Waste Facility
SWIS Number:	36-AA-0443
Site Name:	Haskell Co. Industrial Composting Fac.
Activity:	Sludge Composting Facility
Waste Type:	Sludge (BioSolids)
Site Is Archived:	Yes
Site Operational Status:	Planned
Site Regulatory Status:	Proposed
Site Type:	Non-Disposal Only
Point of Contact:	Megan Emslander
Activity Is Archived:	Yes
Activity Operational Status:	Planned
Activity Regulatory Status:	Proposed
Activity Category:	Composting
Activity Classification:	Solid Waste Facility
SWIS Number:	36-AA-0443
Site Name:	Haskell Co. Industrial Composting Fac.
Activity:	Sludge Composting Facility
Waste Type:	Wood waste
Site Is Archived:	Yes
Site Operational Status:	Planned
Site Regulatory Status:	Proposed
Site Type:	Non-Disposal Only
Point of Contact:	Megan Emslander
Activity Is Archived:	Yes
Activity Operational Status:	Planned
Activity Regulatory Status:	Proposed
Activity Category:	Composting
Activity Classification:	Solid Waste Facility

A3
WSW
 < 1/8
 0.010 mi.
 55 ft.
 Relative:
 Lower
 Actual:
 1186 ft.

CALIFORNIA STREET LANDFILL
2151 NEVADA
REDLANDS, CA 92373
 Site 2 of 2 in cluster A

SWF/LF S103442703
WMUDS/SWAT N/A
 LDS
 EMI
 ENF
 Financial Assurance
 WDS
 CIWQS
 CERS
 PFAS

SWF/LF (SWIS):	
Name:	CALIFORNIA STREET LANDFILL
Address:	2151 NEVADA STREET
City,State,Zip:	REDLANDS, CA 92373
Region:	STATE
Facility ID:	36-AA-0017
SWIS Number:	36-AA-0017
Point of Contact:	Megan Emslander

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	Yes
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	1.1001269452e+11
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Redlands
Reporting Agency Legal Name:	County of San Bernardino
Reporting Agency Department:	Div. of Environmental Health Services
Enforcing Agency Legal Name:	County of San Bernardino
Enforcing Agency Department:	Div. of Environmental Health Services
Regulation Status:	Permitted
Activity:	
SWIS Number:	36-AA-0017
Site Name:	California Street Landfill
Activity:	Solid Waste Landfill
Activity Is Archived:	No
Category:	Disposal
Activity Classification:	Solid Waste Facility
WDR Number:	Not reported
WDR Landfill Class:	III
Cease Operation:	1/1/2042
Cease Operation Type:	Estimated
Inspection Frequency:	Monthly
Throughput:	829
Throughput Units:	Tons per day
Remaining Capacity:	5168182
Remaining Capacity Date:	7/25/2018
Capacity:	11400000
Capacity Units:	Cubic Yards
Total Acreage:	115
Disposal Acreage:	106
Permitted Elevation:	1255
Permitted Elevation Type:	MSL
Permitted Depth:	1129
Permitted Depth Type:	MSL
Point of Contact:	Megan Emslander
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	Yes
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	1.1001269452e+11
County:	San Bernardino
ARB District:	South Coast
SWRCB Region:	Santa Ana
Local Government:	Redlands
Street Address:	2151 Nevada Street

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

City: Redlands
State: CA
ZIP Code: 92373
Reporting Agency Legal Name: County of San Bernardino
Reporting Agency Department: Div. of Environmental Health Services
Enforcing Agency Legal Name: County of San Bernardino
Enforcing Agency Department: Div. of Environmental Health Services

Operator:

SWIS Number: 36-AA-0017
Site Name: California Street Landfill
Site Operational Status: Active
Site Type: Disposal Only
Site Regulatory Status: Permitted
Latitude: 34.08861
Longitude: -117.221
Is Archived: No
Operator: City Of Redlands
Started On: 6/23/2000
Contact Name: Danielle Garcia
Contact Title: Municipal Utilities Director
Contact Email: dgarcia@cityofredlands.org
Contact Phone: (909) 798-7698
Street Address: Quality of Life Dept.-Utilities 35 Cajon Street , Suite 222/ POBox3005
Operator City: Redlands
Operator State: CA
Operator Zip: 92373

Owner:

SWIS Number: 36-AA-0017
Owner: City Of Redlands
Owner Address: PO Box 3005
Owner City: Redlands
Owner State: CA
Owner Zip: 92373
Site Name: California Street Landfill
Site Operational Status: Active
Site Type: Disposal Only
Site Regulatory Status: Permitted
Latitude: 34.08861
Longitude: -117.221
Is Archived: No
Started On: 6/23/2000
Contact Name: Danielle Garcia
Contact Title: Municipal Utilities Director
Contact Email: dgarcia@cityofredlands.org
Contact Phone: (909) 798-7698

Waste:

SWIS Number: 36-AA-0017
Site Name: California Street Landfill
Activity: Solid Waste Landfill
Waste Type: Construction/demolition
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Permitted

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Site Type: Disposal Only
Point of Contact: Megan Emslander
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Permitted
Activity Category: Disposal
Activity Classification: Solid Waste Facility

SWIS Number: 36-AA-0017
Site Name: California Street Landfill
Activity: Solid Waste Landfill
Waste Type: Mixed municipal
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Permitted
Site Type: Disposal Only
Point of Contact: Megan Emslander
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Permitted
Activity Category: Disposal
Activity Classification: Solid Waste Facility

SWIS Number: 36-AA-0017
Site Name: California Street Landfill
Activity: Solid Waste Landfill
Waste Type: Other designated
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Permitted
Site Type: Disposal Only
Point of Contact: Megan Emslander
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Permitted
Activity Category: Disposal
Activity Classification: Solid Waste Facility

SWIS Number: 36-AA-0017
Site Name: California Street Landfill
Activity: Solid Waste Landfill
Waste Type: Sludge (BioSolids)
Site Is Archived: No
Site Operational Status: Active
Site Regulatory Status: Permitted
Site Type: Disposal Only
Point of Contact: Megan Emslander
Activity Is Archived: No
Activity Operational Status: Active
Activity Regulatory Status: Permitted
Activity Category: Disposal
Activity Classification: Solid Waste Facility

WMUDS/SWAT:

Edit Date: 19931007
Complexity: Category B - Any facility having a physical, chemical, or biological

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

Primary Waste: SLDWST

Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Base Meridian: SB

NPID: Not reported

Tonnage: 380

Regional Board ID: Not reported

Municipal Solid Waste: True

Superorder: True

Open To Public: True

Waste List: True

Agency Type: City

Agency Name: REDLANDS, CITY OF

Agency Department: MUNICIPAL UTILITIES DEPT

Agency Address: PO BOX 3005

Agency City,St,Zip: REDLANDS CA 92373

Agency Contact: GARY PHELPS

Agency Telephone: 9097987698

Land Owner Name: CITY OF REDLANDS

Land Owner Address: P.O. BOX 3005

Land Owner City,St,Zip: REDLANDS, CA 92373

Land Owner Contact: GARY PHELPS

Land Owner Phone: 7147932641

Region: 8

Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes.

Facility Description: Not reported

Facility Telephone: 9097987698

SWAT Facility Name: CALIFORNIA STREET LANDFILL

Primary SIC: 4953

Secondary SIC: Not reported

Comments: Not reported

Last Facility Editors: BDNBDNBDN

Waste Discharge System: True

Solid Waste Assessment Test Program: True

Toxic Pits Cleanup Act Program: False

Resource Conservation Recovery Act: False

Department of Defence: False

Solid Waste Assessment Test Program: CITY OF REDLANDS

Threat to Water Quality: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.

Sub Chapter 15: True

Regional Board Project Officer: Not reported

Number of WMUDS at Facility: 1

Section Range: 01S03W08

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

RCRA Facility: No
Waste Discharge Requirements: A
Self-Monitoring Rept. Frequency: Quarterly Submittal
Waste Discharge System ID: 8 360303001
Solid Waste Information ID: 36-AA-0017

LDS:

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373

Global Id: L10004733296
Latitude: 34.08861
Longitude: -117.221
Case Type: Land Disposal Site
Status: Open - Operating
Status Date: 12/05/2014
Lead Agency: SANTA ANA RWQCB (REGION 8)
Caseworker: JPL
Local Agency: Not reported
RB Case Number: 8 360303001
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Not reported
EDR Link ID: L10004733296

Potential Contaminants of Concern: Per- and Polyfluoroalkyl Substances (PFAS)

Site History: SITE HISTORY The City of Redlands is conducting Detection Monitoring Program for groundwater monitoring at the site. The California Street Landfill is an approximately 115-acre, active Class III landfill owned and operated by the City of Redlands, and includes the original 63-acre unlined portion and the approximately 52-acre lined expansion area. The facility is located in the northeastern portion of the San Bernardino Valley, along a reach of the southern bank of the Santa Ana River channel approximately 3.5 miles northwest of the City of Redlands in southeastern San Bernardino County. The landfill is located at 2151 Nevada Street, Redlands, California, 92373, in the northern half of the northeast portion of Section 17, Township I South, Range 3 West, San Bernardino Baseline and Meridian. From 1963 until present, the CSL has accepted municipal solid wastes generated within the City of Redlands consisting primarily of residential, commercial, and industrial waste, with a minor fraction of dried sewage sludge from the City's wastewater treatment plant located adjacent to the CSL. No designated or hazardous wastes were knowingly accepted for on-site disposal. Groundwater beneath the CSL is impacted by perchlorate, tetrachloroethene (PCE), trichloroethene (TCE), and 1,2-dibromo-3-chloropropane (DBCP). On March 8, 2004, the City submitted a report, as required under Contingency Response D.6.a.ii of Order No. 98-99, which demonstrated that all groundwater impacts originated from sources other than the landfill (3D GeoServices, 2004). GEOLOGIC SETTING The CSL is located within the eastern portion of the Transverse Ranges Geomorphic Province of California within the structurally down-dropped San Bernardino Valley structural block. This structural block is bounded to the north and south by the San Andreas and San Jacinto faults, respectively, and consists of over 1,000 feet of alluvium derived from the adjacent San Bernardino and San Gabriel Mountains delivered to the valley floor by coalescing streams flowing from the upland areas. The maximum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

thickness of alluvium in the area is estimated to be greater than 1,200 feet approximately one mile northwest of the landfill. The maximum thickness of alluvium beneath the landfill is greater than 700 feet (RWQCB, 2008). Ground surface elevations range from 955 feet above mean sea level (amsl) on the western end of the site to 1,040 feet amsl on the eastern end. SITE HYDROGEOLOGIC SETTING The CSL is situated along the southern bank of Reach 5 of the Santa Ana River channel, within the Upper Santa Ana River Hydrologic Area, in the Mill Creek Hydrologic Sub-Area of the Santa Ana River Watershed (Santa Ana Hydrologic Basin). No natural lakes or other bodies of standing water, ephemeral seeps, or springs occur at the site. Groundwater beneath the CSL occurs at approximately 166 to 203 feet below ground surface (bgs) within alluvial deposits. Historical groundwater elevation measurements indicate that groundwater flows to the west at an average hydraulic gradient of approximately 0.01 foot per foot (ft/ft).

[Click here to access the California GeoTracker records for this facility:](#)

EMI:

Name: REDLANDS CITY (CALIFORNIA ST LANDFILL)
Address: 2151 NEVADA ST
City,State,Zip: REDLANDS, CA 92373
Year: 2002
County Code: 36
Air Basin: SC
Facility ID: 74413
Air District Name: SC
SIC Code: 9199
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 210
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 21
NOX - Oxides of Nitrogen Tons/Yr: 10
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: REDLANDS CITY (CALIFORNIA ST LANDFILL)
Address: 2151 NEVADA ST
City,State,Zip: REDLANDS, CA 92373
Year: 2003
County Code: 36
Air Basin: SC
Facility ID: 74413
Air District Name: SC
SIC Code: 9199
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 210
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 21
NOX - Oxides of Nitrogen Tons/Yr: 10

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: REDLANDS CITY (CALIFORNIA ST LANDFILL)
Address: 2151 NEVADA ST
City,State,Zip: REDLANDS, CA 92373
Year: 2004
County Code: 36
Air Basin: SC
Facility ID: 74413
Air District Name: SC
SIC Code: 9199
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 209.65
Reactive Organic Gases Tons/Yr: 2.45
Carbon Monoxide Emissions Tons/Yr: 21.0131
NOX - Oxides of Nitrogen Tons/Yr: 10.227
SOX - Oxides of Sulphur Tons/Yr: 0.395
Particulate Matter Tons/Yr: 1.383
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.42

Name: REDLANDS CITY (CALIFORNIA ST LANDFILL)
Address: 2151 NEVADA ST
City,State,Zip: REDLANDS, CA 92373
Year: 2005
County Code: 36
Air Basin: SC
Facility ID: 74413
Air District Name: SC
SIC Code: 9199
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 2.7908
Reactive Organic Gases Tons/Yr: .12865928
Carbon Monoxide Emissions Tons/Yr: 26.125
NOX - Oxides of Nitrogen Tons/Yr: 8.535
SOX - Oxides of Sulphur Tons/Yr: .439
Particulate Matter Tons/Yr: .674
Part. Matter 10 Micrometers and Smllr Tons/Yr:.282428

Name: REDLANDS CITY (CALIFORNIA ST LANDFILL)
Address: 2151 NEVADA ST
City,State,Zip: REDLANDS, CA 92373
Year: 2014
County Code: 36
Air Basin: SC
Facility ID: 74413
Air District Name: SC
SIC Code: 4953
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.88093958042

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Reactive Organic Gases Tons/Yr: 0.36407
Carbon Monoxide Emissions Tons/Yr: 1.75688
NOX - Oxides of Nitrogen Tons/Yr: 2.30272
SOX - Oxides of Sulphur Tons/Yr: 0.57448
Particulate Matter Tons/Yr: 0.63586
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.63586

Name: REDLANDS CITY (CALIFORNIA ST LANDFILL)
Address: 2151 NEVADA ST
City,State,Zip: REDLANDS, CA 92373
Year: 2015
County Code: 36
Air Basin: SC
Facility ID: 74413
Air District Name: SC
SIC Code: 4953
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.99727707497
Reactive Organic Gases Tons/Yr: 0.52926743
Carbon Monoxide Emissions Tons/Yr: 1.86055723
NOX - Oxides of Nitrogen Tons/Yr: 2.436757
SOX - Oxides of Sulphur Tons/Yr: 0.49647
Particulate Matter Tons/Yr: 0.58702
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.58702

ENF:

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Region: 8
Facility Id: 236433
Agency Name: Not reported
Place Type: Waste Management Unit
Place Subtype: Land fill
Facility Type: Solid Waste Class III - nonhazardous solid wastes
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 34.08861
Place Longitude: -117.221
SIC Code 1: 4953
SIC Desc 1: Refuse Systems
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	336625
Region:	8
Order / Resolution Number:	R8-2004-0008
Enforcement Action Type:	Notice to Comply
Effective Date:	11/01/2007
Adoption/Issuance Date:	Not reported
Achieve Date:	11/15/2007
Termination Date:	11/15/2007
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NTC 11/1/07 for City of Redlands, CA St. Landfill
Description:	The City failed to complete site maintenance activities by Oct. 1 as required by Drainage and Erosion Control E.5 of Order No. R8-2004-0008. An NTC was issued to achieve compliance by 11/15/07.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	CALIFORNIA STREET LANDFILL
Address:	2151 NEVADA
City,State,Zip:	REDLANDS, CA 92373
Region:	8
Facility Id:	236433
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.08861
Place Longitude:	-117.221
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Application Fee Amt Received: Not reported
Status: Not reported
Status Date: Not reported
Effective Date: Not reported
Expiration/Review Date: Not reported
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: Not reported
Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 244964
Region: 8
Order / Resolution Number: UNKNOWN
Enforcement Action Type: 13267 Letter
Effective Date: 10/01/2002
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 02/18/2014
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 8 360303001
Description: 13267 LETTER FOR RAD WASTE INVESTIGATION.
Program: LNDISP
Latest Milestone Completion Date: 1/2/2003
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Region: 8
Facility Id: 236433
Agency Name: Not reported
Place Type: Waste Management Unit
Place Subtype: Land fill
Facility Type: Solid Waste Class III - nonhazardous solid wastes
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 34.08861
Place Longitude: -117.221
SIC Code 1: 4953
SIC Desc 1: Refuse Systems
SIC Code 2: Not reported
SIC Desc 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	234318
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice to Comply
Effective Date:	02/15/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	3/10/2000
Termination Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 8 360303001
Description: NTC ISSUED FOR LACK OF EROSION PROTECTION ON BARE, SE-FACING SLOPES, ACTIVE FILL AREA OF LANDFILL.
Program: LNDISP
Latest Milestone Completion Date: 3/10/2000
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Region: 8
Facility Id: 236433
Agency Name: Not reported
Place Type: Waste Management Unit
Place Subtype: Land fill
Facility Type: Solid Waste Class III - nonhazardous solid wastes
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 34.08861
Place Longitude: -117.221
SIC Code 1: 4953
SIC Desc 1: Refuse Systems
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: Not reported
Program Category1: Not reported
Program Category2: LNDISP
Of Programs: Not reported
WDID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	234228
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	10/25/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	12/30/1999
Termination Date:	10/25/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 360303001
Description:	Discharger was notified while in the field that the exposed trash needed to be covered ASAP.
Program:	LNDISP
Latest Milestone Completion Date:	12/30/1999
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	CALIFORNIA STREET LANDFILL
Address:	2151 NEVADA
City,State,Zip:	REDLANDS, CA 92373
Region:	8
Facility Id:	236433
Agency Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.08861
Place Longitude:	-117.221
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Individual/General: Not reported
Fee Code: Not reported
Direction/Voice: Not reported
Enforcement Id(EID): 234191
Region: 8
Order / Resolution Number: UNKNOWN
Enforcement Action Type: Oral Communication
Effective Date: 01/10/2000
Adoption/Issuance Date: Not reported
Achieve Date: 1/11/2000
Termination Date: 01/10/2000
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 8 360303001
Description: Notofied discharger's representative by phone that future late reports would result in a NOV letter from the RWQCB.

Program: LNDISP
Latest Milestone Completion Date: 1/11/2000
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Region: 8
Facility Id: 236433
Agency Name: Not reported
Place Type: Waste Management Unit
Place Subtype: Land fill
Facility Type: Solid Waste Class III - nonhazardous solid wastes
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 34.08861
Place Longitude: -117.221
SIC Code 1: 4953
SIC Desc 1: Refuse Systems
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	234077
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	09/21/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	09/21/1995
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 360303001
Description:	Evaluation Monitoring Program Workplan implemented.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	CALIFORNIA STREET LANDFILL
Address:	2151 NEVADA
City,State,Zip:	REDLANDS, CA 92373
Region:	8
Facility Id:	236433
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.08861
Place Longitude:	-117.221
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	234076
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/30/1992
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/30/1992
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 360303001
Description:	Verification monitoring program established for site.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	CALIFORNIA STREET LANDFILL
Address:	2151 NEVADA
City,State,Zip:	REDLANDS, CA 92373
Region:	8
Facility Id:	236433
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.08861
Place Longitude:	-117.221
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	234075
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	10/25/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	12/30/1999
Termination Date:	10/25/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Title: Enforcement - 8 360303001
Description: Discharger was notified during field inspection that low area along access road would probably require grading to prevent water ponding in the area.
Program: LNDISP
Latest Milestone Completion Date: 12/30/1999
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Region: 8
Facility Id: 236433
Agency Name: Not reported
Place Type: Waste Management Unit
Place Subtype: Land fill
Facility Type: Solid Waste Class III - nonhazardous solid wastes
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 34.08861
Place Longitude: -117.221
SIC Code 1: 4953
SIC Desc 1: Refuse Systems
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: Not reported
Program Category1: Not reported
Program Category2: LNDISP
Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	234074
Region:	8
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	10/25/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	12/30/1999
Termination Date:	10/25/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 360303001
Description:	Discharger was notified that all culverts must be kept clear of wind-blown weeds & debris.
Program:	LNDISP
Latest Milestone Completion Date:	12/30/1999
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	CALIFORNIA STREET LANDFILL
Address:	2151 NEVADA
City,State,Zip:	REDLANDS, CA 92373
Region:	8
Facility Id:	236433
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Land fill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.08861
Place Longitude:	-117.221
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Direction/Voice: Not reported
Enforcement Id(EID): 234073
Region: 8
Order / Resolution Number: UNKNOWN
Enforcement Action Type: Oral Communication
Effective Date: 10/25/1999
Adoption/Issuance Date: Not reported
Achieve Date: 12/30/1999
Termination Date: 10/25/1999
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: Enforcement - 8 360303001
Description: Discharger was notified during inspection that hydroseeding or other erosion control measures needed to be implemented for the recently graded slopes as soon as possible.

Program: LNDISP
Latest Milestone Completion Date: 12/30/1999
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Region: 8
Facility Id: 236433
Agency Name: Not reported
Place Type: Waste Management Unit
Place Subtype: Land fill
Facility Type: Solid Waste Class III - nonhazardous solid wastes
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 34.08861
Place Longitude: -117.221
SIC Code 1: 4953
SIC Desc 1: Refuse Systems
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223527
Region:	8
Order / Resolution Number:	91-097
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	06/24/1991
Adoption/Issuance Date:	Not reported
Achieve Date:	4/22/1994
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 360303001
Description:	TIME SCHEDULE FOR DRAINAGE IMPROVEMENTS
Program:	LNDISP
Latest Milestone Completion Date:	4/22/1994
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Region: 8
Facility Id: 236433
Agency Name: Not reported
Place Type: Waste Management Unit
Place Subtype: Land fill
Facility Type: Solid Waste Class III - nonhazardous solid wastes
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 34.08861
Place Longitude: -117.221
SIC Code 1: 4953
SIC Desc 1: Refuse Systems
SIC Code 2: Not reported
SIC Desc 2: Not reported
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: Not reported
Program Category1: Not reported
Program Category2: LNDISP
Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported
Region: Not reported
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: Not reported
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Not reported
Status Date: Not reported
Effective Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223181
Region:	8
Order / Resolution Number:	94-03421
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	04/22/1994
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 8 360303001
Description:	RESCINDS CAO 91-97
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	CALIFORNIA STREET LANDFILL
Address:	2151 NEVADA
City,State,Zip:	REDLANDS, CA 92373
Region:	8
Facility Id:	236433
Agency Name:	Redlands City
Place Type:	Waste Management Unit
Place Subtype:	Land fill
Facility Type:	Solid Waste Class III - nonhazardous solid wastes
Agency Type:	City Agency
# Of Agencies:	1
Place Latitude:	34.08861
Place Longitude:	-117.221
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0001
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Solid wastes, NEC
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LFOPER
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	8 360303001
Reg Measure Id:	132779
Reg Measure Type:	WDR
Region:	8
Order #:	R8-2004-0008
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	11/27/2017
Effective Date:	04/30/2004
Expiration/Review Date:	04/30/2021
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	50 - Land Disposal Site paying tipping fee
Direction/Voice:	Passive
Enforcement Id(EID):	374284
Region:	8
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	02/25/2010
Adoption/Issuance Date:	02/25/2010
Achieve Date:	Not reported
Termination Date:	12/30/2010
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 02/25/2010 for Redlands City

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Description: NOV was issued to the City for the violations. The City must submit information required by March 26, 2010. NOV responses received from the City on 3/23/10 and 3/31/10. RB staff continued to work with the City to resolve the NOV issues from 4/1/10 through 12/30/10. All NOV issues were resolved on 12/30/10 (approval letter attached).

Program: LFOPER

Latest Milestone Completion Date: Not reported

Of Programs1: 1

Total Assessment Amount: 0

Initial Assessed Amount: 0

Liability \$ Amount: 0

Project \$ Amount: 0

Liability \$ Paid: 0

Project \$ Completed: 0

Total \$ Paid/Completed Amount: 0

Name: CALIFORNIA STREET LANDFILL

Address: 2151 NEVADA

City,State,Zip: REDLANDS, CA 92373

Region: 8

Facility Id: 236433

Agency Name: Redlands City

Place Type: Waste Management Unit

Place Subtype: Land fill

Facility Type: Solid Waste Class III - nonhazardous solid wastes

Agency Type: City Agency

Of Agencies: 1

Place Latitude: 34.08861

Place Longitude: -117.221

SIC Code 1: 4953

SIC Desc 1: Refuse Systems

SIC Code 2: Not reported

SIC Desc 2: Not reported

SIC Code 3: Not reported

SIC Desc 3: Not reported

NAICS Code 1: Not reported

NAICS Desc 1: Not reported

NAICS Code 2: Not reported

NAICS Desc 2: Not reported

NAICS Code 3: Not reported

NAICS Desc 3: Not reported

Of Places: 1

Source Of Facility: Reg Meas

Design Flow: 0.0001

Threat To Water Quality: 2

Complexity: B

Pretreatment: X - Facility is not a POTW

Facility Waste Type: Solid wastes, NEC

Facility Waste Type 2: Not reported

Facility Waste Type 3: Not reported

Facility Waste Type 4: Not reported

Program: LFOPER

Program Category1: LNDISP

Program Category2: LNDISP

Of Programs: 1

WDID: 8 360303001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Reg Measure Id: 132779
Reg Measure Type: WDR
Region: 8
Order #: R8-2004-0008
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported
Reclamation: N - No
Dredge Fill Fee: Not reported
301H: Not reported
Application Fee Amt Received: Not reported
Status: Active
Status Date: 11/27/2017
Effective Date: 04/30/2004
Expiration/Review Date: 04/30/2021
Termination Date: Not reported
WDR Review - Amend: Not reported
WDR Review - Revise/Renew: Not reported
WDR Review - Rescind: Not reported
WDR Review - No Action Required: Not reported
WDR Review - Pending: Not reported
WDR Review - Planned: Not reported
Status Enrollee: N
Individual/General: I
Fee Code: 50 - Land Disposal Site paying tipping fee
Direction/Voice: Passive
Enforcement Id(EID): 372345
Region: 8
Order / Resolution Number: Not reported
Enforcement Action Type: Notice to Comply
Effective Date: 12/08/2009
Adoption/Issuance Date: 12/08/2009
Achieve Date: Not reported
Termination Date: 12/23/2009
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: NTC 12/08/2009 for Redlands City
Description: NTC issued for minor violations: water ponding, inadequate BMPs, and erosion on sideslope.
Program: LFOPER
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

CA Financial Assurance 2:

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA STREET
City,State,Zip: REDLANDS, CA 92373
Region: 2
SWIS_NO: 36-AA-0017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Closure Approved: Yes
Closure Inf Coverage Date: 10/01/2018
Closure Plan Coverage: 8867113
Closure Plan Date: 10/01/2018
PostClose Approved: Yes
PostClose Adequacy Date: 10/01/2018
PostClose Inf Coverage: 4856580
PostClose Inf Coverage Date: 10/01/2018
CorActCoverage: 1001490
CorActApproved: Yes
CorAct Mec Adequacy Date: Not reported
CorAct Inf Coverage: 1001490
CorActPlanCoverage: 1001490
CorAct Plan Date: 08/14/2018
Lia Coverage: 1000000
Lia Approved: Yes
Review: 04/15/2019
Closure Mechanism A: ENTERPRISE FUND
Closure Mechanism B: Not reported
Closure Coverage: 8867113
Closure Adequacy: Not reported
Closure Inflation Estimate: 8867113
Post Closure Mechanism A: PLEDGE OF REVENUE
Post Closure Established A: 04/08/1994
Post Closure Mechanism B: Not reported
Post Closure Coverate: 4856580
Post Closure Adequacy: Not reported
Corrective Action Established A: 09/05/2008
Corrective Action Coverage: 1001490
Corrective Action Approved: Yes
Corrective Action Inflation Estimate: 1001490
Corrective Action Inflationdate: 08/14/2018
Corrective Action Plan Estimate: 1001490
Liability Mechanism A: SELF-INS. & RISK MANAGEMENT
Liability Established A: 12/07/1993
Liability Mechanism B: Not reported
CostAnniversary: 02/01/2003
ClosureEstablishedA: 04/08/1994
ClosureEstablishedB: Not reported
ClosureDisbursement: 0
PostClosureEstablishedB: Not reported
PostClosureDisbursement: 0
CorrectiveActionMechanismA: PLEDGE OF REVENUE
CorrectiveActionMechanismB: Not reported
CorrectiveActionEstablishedB: Not reported
CorrectiveActionDisbursement: 0
LiabilityEstablishedB: Not reported
LiabilityAdequacy: Not reported
Responsible Party: City Of Redlands
Provider: City Of Redlands
Contact: Not reported

WDS:

Name: LANDFILLCALIFORNIA STREET
Address: 2151 NEVADA ST
City: REDLANDS
Facility ID: Santa Ana River 360303001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Facility Type: Solid Waste Site-Class III - Landfills for non hazardous solid wastes.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: Not reported
Subregion: 8
Facility Telephone: 9097987698
Facility Contact: Gary Phelps
Agency Name: REDLANDS CITY OF
Agency Address: PO BOX 3005
Agency City,St,Zip: REDLANDS 92373
Agency Contact: DOUGLAS HEDRICK
Agency Telephone: 9097987698
Agency Type: City
SIC Code: 4953
SIC Code 2: Not reported
Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).

Primary Waste: SLDWST
Waste Type2: Not reported
Waste2: Solid Wastes
Primary Waste Type: Nonhazardous Solid Wastes/Influent or Solid Wastes that contain nonhazardous putrescible and non putrescible solid, semisolid, and liquid wastes (E.G., garbage, trash, refuse, paper, demolition and construction wastes, manure, vegetable or animal solid and semisolid waste).

Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
Treat To Water: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.

Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

CIWQS:

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Agency: Orange Cnty Waste & Recycling
Agency Address: 601 North Ross Street 5th Floor, Santa Ana, CA 92701
Place/Project Type: Land fill
SIC/NAICS: 4953
Region: 8
Program: LFOPER
Regulatory Measure Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Regulatory Measure Type: Waiver
Order Number: R8-2017-0002
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 04/28/2017
Effective Date: 04/28/2017
Termination Date: Not reported
Expiration/Review Date: 04/28/2022
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.08861
Longitude: -117.221

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Agency: USA Waste of California
Agency Address: 10910 Dawson Canyon Road, Corona, CA 92883-5020
Place/Project Type: Land fill
SIC/NAICS: 4953
Region: 8
Program: LFOPER
Regulatory Measure Status: Active
Regulatory Measure Type: Waiver
Order Number: R8-2017-0002
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 04/28/2017
Effective Date: 04/28/2017
Termination Date: Not reported
Expiration/Review Date: 04/28/2022
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.08861
Longitude: -117.221

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Agency: Redlands City
Agency Address: Po Box 3005, Redlands, CA 92373
Place/Project Type: Land fill
SIC/NAICS: 4953
Region: 8
Program: LFOPER, LNDISP
Regulatory Measure Status: Active
Regulatory Measure Type: WDR
Order Number: R8-2004-0008
WDID: 8 360303001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

NPDES Number: Not reported
Adoption Date: 04/30/2004
Effective Date: 04/30/2004
Termination Date: Not reported
Expiration/Review Date: 04/30/2021
Design Flow: 0.0001
Major/Minor: Not reported
Complexity: B
TTWQ: 2
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.08861
Longitude: -117.221

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Agency: Riverside Cnty Dept of Waste Resources
Agency Address: 14310 Frederick Street, Moreno Valley, CA 92553
Place/Project Type: Land fill
SIC/NAICS: 4953
Region: 8
Program: LFOPER
Regulatory Measure Status: Active
Regulatory Measure Type: Waiver
Order Number: R8-2017-0002
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 04/28/2017
Effective Date: 04/28/2017
Termination Date: Not reported
Expiration/Review Date: 04/28/2022
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.08861
Longitude: -117.221

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Agency: San Bernardino Cnty Waste
Agency Address: 222 West Hospitality Lane 2nd Floor, San Bernardino, CA 92415-0017
Place/Project Type: Land fill
SIC/NAICS: 4953
Region: 8
Program: LFOPER
Regulatory Measure Status: Active
Regulatory Measure Type: Waiver
Order Number: R8-2017-0002
WDID: Not reported
NPDES Number: Not reported
Adoption Date: 04/28/2017
Effective Date: 04/28/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Termination Date: Not reported
Expiration/Review Date: 04/28/2022
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.08861
Longitude: -117.221

CERS:

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA STREET
City,State,Zip: REDLANDS, CA
Site ID: 507367
CERS ID: 36-AA-0017
CERS Description: Solid Waste and Recycle Sites

Affiliation:

Affiliation Type Desc: Legal Operator
Entity Name: CITY OF REDLANDS
Entity Title: Not reported
Affiliation Address: Quality of Life Dept.-Utilities35 Cajon Street , Suite 222/ POBox3005
Affiliation City: Redlands
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92373
Affiliation Phone: 9097987698

Affiliation Type Desc: Legal Owner
Entity Name: CITY OF REDLANDS
Entity Title: Not reported
Affiliation Address: Quality of Life Dept.-Utilities35 Cajon Street , Suite 222/ POBox3005
Affiliation City: Redlands
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92373
Affiliation Phone: 9097987698

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Site ID: 102094
CERS ID: L10004733296
CERS Description: Land Disposal Site

Violations:

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 01-08-1992
Citation: California Water Code
Violation Description: Not reported
Violation Notes: CONSTRUCTION IN RESPONSE TO CAO HARDLY STARTED. GULLIES, RILLS, AND PONDS NOTED FROM RECENT STORMS
Violation Division: Water Boards
Violation Program: LFOPER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 02-18-1992
Citation: California Water Code
Violation Description: Not reported
Violation Notes: MANY PONDS.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 01-27-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: THE NUMOROUS TRASH EXPOSURES OF 1/12 WERE COVERED, BUT FIERCE 1/25 STORM ERODED OTHERS. LACK OF DOZERS TO MAKE REPAIRS AFTER RAINS IS MAJOR HOLDUP. COVER SEVERE TRASH EXP;ANY MORE VIOLATIONS WILL RESU
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 10-25-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Areas recently graded require seeding or other erosion control measures to prevent erosion.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 05-03-1988
Citation: California Water Code
Violation Description: Not reported
Violation Notes: VOCs detected in groundwater and vadose zone during the SWAT.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 12-08-2009
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Water ponding and erosion on sideslope were observed during site inspection. The City violated Drainage and Erosion Control D.1 of Order No. R8-2004-0008 to maintain to prevent, to the greatest extent possible , ponding and erosion at the site.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 01-09-1995
Citation: California Water Code
Violation Description: Not reported
Violation Notes: 1/9 AND 1/12 VISITS COMBINED:SAME STORM SEQUENCE.GARDUAL EROSION OF NORTH&SOUTH SLOPES OF UPPER LIFT,EXPOSING TRASH IN GULLIES 3FT DEEP. CITY NOTIFIED OF 2 VIOLATIONS, ONE FOR EACH SLOPE. WILL COVER.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 10-25-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: All culverts require removal of weeds & debris.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 03-05-1992
Citation: California Water Code
Violation Description: Not reported
Violation Notes: CAO CONSTRUCTION STILL NOT FINISHED. PONDING CONTINUES.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 10-25-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Access road located on the south side of the west mound appears to contain a small area that may cause ponding of run-off.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 10-25-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Inadequate site maintenance. Minor trash exposed along north side of the west mound.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 04-25-2002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Citation: California Water Code
Violation Description: Not reported
Violation Notes: RAD WASTE INVESTIGATION REPORT.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 01-03-2000
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Annual drainage control system & maintenance report was 11 days late.
A facsimile of a portion of the report was rec'd 01/03/00, but complete report w/topo (hard copy) was not rec'd until 01/11/00.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 01-12-1993
Citation: California Water Code
Violation Description: Not reported
Violation Notes: GULLIES AND EXPOSED WASTE ON TOP DECK. POSSIBLE MEDICAL WASTE EXPOSED.
DRAINAGE ALONG BERM IS ERODING BERM AND DECK.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 02-25-2010
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The City is deficient in monitoring and reporting, in violation of Sections B.2.b and C.1 of Monitoring & Reporting Program (M&RP) of Order No. R8-2004-0008.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 02-15-2000
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FILL SLOPES REQUIRE EROSION PROTECTION. 2ND WARNING TO DISCHRGR. NTC ISSUED FOR LACK OF EROSION PROTECTION ON SE-FACING SLOPES, ACTIVE PORTION OF SITE.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 07-31-2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failed to submit report by 07/30/2006
Violation Division: Water Boards
Violation Program: LNDISP
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 11-01-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The City failed to complete site maintenance activities by Oct. 1 as required by Drainage and Erosion Control E.5 of Order No. R8-2004-0008.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-03-2002
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 01-06-2004
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 01-06-2015
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Date: 01-08-1992
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-1995
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Followup Inspection
Eval Date: 01-12-1993
Violations Found: No
Eval Type: Follow-up Inspection (noncompliance)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-13-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-13-2014
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Followup Inspection
Eval Date: 01-16-1992
Violations Found: No
Eval Type: Follow-up Inspection (noncompliance)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Case Development Inspection
Eval Date:	01-20-2004
Violations Found:	No
Eval Type:	Field Oversight
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-20-2009
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-1995
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Case Development Inspection
Eval Date:	01-27-2004
Violations Found:	No
Eval Type:	Field Oversight
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2009
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Sampling Inspection
Eval Date:	01-28-1997
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-28-2002
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-04-1998
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-04-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2002
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Date:	02-10-2004
Violations Found:	No
Eval Type:	Field Oversight
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-10-2009
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-14-1995
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-15-2000
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-17-1994
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-17-2009
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Followup Inspection
Eval Date:	02-18-1992
Violations Found:	No
Eval Type:	Follow-up inspection (enforcement)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-21-1996
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-21-2019
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-28-2006
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Followup Inspection
Eval Date:	03-05-1992
Violations Found:	No
Eval Type:	Follow-up inspection (enforcement)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Sampling Inspection
Eval Date:	03-06-1995
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-07-2001
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 03-09-2004
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-1995
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 03-23-2004
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 03-30-2004
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Followup Inspection
Eval Date: 04-01-1992
Violations Found: No
Eval Type: Follow-up inspection (enforcement)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Date: 04-01-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-03-1998
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-07-1999
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-20-1994
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 04-20-2004
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 04-27-2004
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-30-2013
Violations Found: No
Eval Type: RWQCB Type B compliance inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-07-2002
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-08-1996
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-17-2017
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Followup Inspection
Eval Date:	06-01-1992
Violations Found:	No
Eval Type:	Follow-up inspection (enforcement)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-21-1988
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Sampling Inspection
Eval Date:	07-18-2011
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 08-30-1990
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 09-07-2011
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-1998
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-09-1987
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-09-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-16-2003
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Date: 10-02-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 10-07-2008
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-07-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-15-1998
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-16-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-17-2012
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-21-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Sampling Inspection
Eval Date:	10-22-2002
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Sampling Inspection
Eval Date:	10-25-1999
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-29-1993
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-01-2007
Violations Found:	Yes
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-02-1995
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-12-2008
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-20-1996
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 12-02-2003
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2012
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-1992
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Date: 12-07-2004
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-2005
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-08-2009
Violations Found: Yes
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-1996
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 12-13-2000
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-18-2002
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-22-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-23-1997
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-29-2004
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-30-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-30-2010
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Enforcement Action:

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 01-10-2000
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 02-15-2000
Enf Action Type: Notice to Comply (Minor Violations)
Enf Action Description: Notice to Comply for Minor Violations
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 02-25-2010
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 04-22-1994
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 06-24-1991
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 06-30-1992
Enf Action Type: Staff Enforcement Letter (Informal)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 09-21-1995
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 10-01-2002
Enf Action Type: Enforcement Letter (Formal)
Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 10-25-1999
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 11-01-2007
Enf Action Type: Notice to Comply (Minor Violations)
Enf Action Description: Notice to Comply for Minor Violations
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 12-08-2009
Enf Action Type: Notice to Comply (Minor Violations)
Enf Action Description: Notice to Comply for Minor Violations
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: WILLIAM B. RICE - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: REDLANDS CITY (CALIFORNIA ST LANDFILL)
Address: 2151 NEVADA ST
City,State,Zip: REDLANDS, CA 92373-0000
Site ID: 489639
CERS ID: 110037995729
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Site ID: 102094
CERS ID: 236433
CERS Description: Land Disposal

Violations:
Site ID: 102094
Site Name: California Street Landfill
Violation Date: 01-08-1992
Citation: California Water Code
Violation Description: Not reported
Violation Notes: CONSTRUCTION IN RESPONSE TO CAO HARDLY STARTED. GULLIES, RILLS, AND PONDS NOTED FROM RECENT STORMS
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 02-18-1992
Citation: California Water Code

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Violation Description:	Not reported
Violation Notes:	MANY PONDS.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS
Site ID:	102094
Site Name:	California Street Landfill
Violation Date:	01-27-1995
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	THE NUMOROUS TRASH EXPOSURES OF 1/12 WERE COVERED, BUT FIERCE 1/25 STORM ERODED OTHERS. LACK OF DOZERS TO MAKE REPAIRS AFTER RAINS IS MAJOR HOLDUP. COVER SEVERE TRASH EXP;ANY MORE VIOLATIONS WILL RESU
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS
Site ID:	102094
Site Name:	California Street Landfill
Violation Date:	10-25-1999
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Areas recently graded require seeding or other erosion control measures to prevent erosion.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS
Site ID:	102094
Site Name:	California Street Landfill
Violation Date:	05-03-1988
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	VOCs detected in groundwater and vadose zone during the SWAT.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS
Site ID:	102094
Site Name:	California Street Landfill
Violation Date:	12-08-2009
Citation:	California Water Code
Violation Description:	Not reported
Violation Notes:	Water ponding and erosion on sideslope were observed during site inspection. The City violated Drainage and Erosion Control D.1 of Order No. R8-2004-0008 to maintain to prevent, to the greatest extent possible , ponding and erosion at the site.
Violation Division:	Water Boards
Violation Program:	LFOPER
Violation Source:	CIWQS
Site ID:	102094
Site Name:	California Street Landfill
Violation Date:	01-09-1995
Citation:	California Water Code
Violation Description:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Violation Notes: 1/9 AND 1/12 VISITS COMBINED:SAME STORM SEQUENCE.GARDUAL EROSION OF NORTH&SOUTH SLOPES OF UPPER LIFT,EXPOSING TRASH IN GULLIES 3FT DEEP. CITY NOTIFIED OF 2 VIOLATIONS, ONE FOR EACH SLOPE. WILL COVER.

Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 10-25-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: All culverts require removal of weeds & debris.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 03-05-1992
Citation: California Water Code
Violation Description: Not reported
Violation Notes: CAO CONSTRUCTION STILL NOT FINISHED. PONDING CONTINUES.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 10-25-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Access road located on the south side of the west mound appears to contain a small area that may cause ponding of run-off.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 10-25-1999
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Inadequate site maintenance. Minor trash exposed along north side of the west mound.
Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 04-25-2002
Citation: California Water Code
Violation Description: Not reported
Violation Notes: RAD WASTE INVESTIGATION REPORT.
Violation Division: Water Boards
Violation Program: LFOPER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 01-03-2000
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Annual drainage control system & maintenance report was 11 days late. A facsimile of a portion of the report was rec'd 01/03/00, but complete report w/topo (hard copy) was not rec'd until 01/11/00.

Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 01-12-1993
Citation: California Water Code
Violation Description: Not reported
Violation Notes: GULLIES AND EXPOSED WASTE ON TOP DECK. POSSIBLE MEDICAL WASTE EXPOSED. DRAINAGE ALONG BERM IS ERODING BERM AND DECK.

Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 02-25-2010
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The City is deficient in monitoring and reporting, in violation of Sections B.2.b and C.1 of Monitoring & Reporting Program (M&RP) of Order No. R8-2004-0008.

Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 02-15-2000
Citation: California Water Code
Violation Description: Not reported
Violation Notes: FILL SLOPES REQUIRE EROSION PROTECTION. 2ND WARNING TO DISCHRGR. NTC ISSUED FOR LACK OF EROSION PROTECTION ON SE-FACING SLOPES, ACTIVE PORTION OF SITE.

Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 07-31-2006
Citation: California Water Code
Violation Description: Not reported
Violation Notes: Failed to submit report by 07/30/2006
Violation Division: Water Boards
Violation Program: LNDISP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Violation Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Violation Date: 11-01-2007
Citation: California Water Code
Violation Description: Not reported
Violation Notes: The City failed to complete site maintenance activities by Oct. 1 as required by Drainage and Erosion Control E.5 of Order No. R8-2004-0008.

Violation Division: Water Boards
Violation Program: LFOPER
Violation Source: CIWQS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-03-2002
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 01-06-2004
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-06-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 01-06-2015
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-1992
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-08-2009
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-09-1995
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Followup Inspection
Eval Date:	01-12-1993
Violations Found:	No
Eval Type:	Follow-up Inspection (noncompliance)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-13-2009
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-13-2014
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Followup Inspection
Eval Date:	01-16-1992
Violations Found:	No
Eval Type:	Follow-up Inspection (noncompliance)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval General Type:	Case Development Inspection
Eval Date:	01-20-2004
Violations Found:	No
Eval Type:	Field Oversight
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-20-2009
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-1995
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Case Development Inspection
Eval Date:	01-27-2004
Violations Found:	No
Eval Type:	Field Oversight
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2009
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Sampling Inspection
Eval Date:	01-28-1997
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-28-2002
Violations Found:	No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-04-1998
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-04-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-06-2002
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 02-10-2004
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-10-2009
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-14-1995
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-15-2000
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-17-1994
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-17-2009
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Followup Inspection
Eval Date:	02-18-1992
Violations Found:	No
Eval Type:	Follow-up inspection (enforcement)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-21-1996
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-21-2019
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-28-2006
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Followup Inspection
Eval Date: 03-05-1992
Violations Found: No
Eval Type: Follow-up inspection (enforcement)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 03-06-1995
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-07-2001
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 03-09-2004
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-10-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-13-1995
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 03-23-2004
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 03-30-2004
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Followup Inspection
Eval Date: 04-01-1992
Violations Found: No
Eval Type: Follow-up inspection (enforcement)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-01-2009
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-03-1998
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-07-1999
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-20-1994
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 04-20-2004
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 04-27-2004
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-30-2013
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-07-2002
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-08-1996
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-17-2017
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Followup Inspection
Eval Date: 06-01-1992
Violations Found: No
Eval Type: Follow-up inspection (enforcement)
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-21-1988
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 07-18-2011
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 08-30-1990
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 09-07-2011
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-08-1998
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-09-1987
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-09-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-16-2003
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-02-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Case Development Inspection
Eval Date:	10-07-2008
Violations Found:	No
Eval Type:	Field Oversight
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-07-2008
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-15-1998
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-16-2008
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-17-2012
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-21-2008
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval General Type: Compliance Sampling Inspection
Eval Date: 10-22-2002
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 10-25-1999
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-29-1993
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-01-2007
Violations Found: Yes
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-1995
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-12-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2008
Violations Found: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-20-1996
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Case Development Inspection
Eval Date: 12-02-2003
Violations Found: No
Eval Type: Field Oversight
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-04-2012
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-07-1992
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Sampling Inspection
Eval Date: 12-07-2004
Violations Found: No
Eval Type: RWQCB Type A compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-07-2005
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-08-2009
Violations Found:	Yes
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-10-1996
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Sampling Inspection
Eval Date:	12-13-2000
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-18-2002
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-22-2008
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	LFOPER
Eval Source:	CIWQS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-23-1997
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-29-2004
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-30-2008
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-30-2010
Violations Found: No
Eval Type: RWQCB Type B compliance inspection
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: LFOPER
Eval Source: CIWQS

Enforcement Action:

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 01-10-2000
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 02-15-2000
Enf Action Type: Notice to Comply (Minor Violations)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Enf Action Description: Notice to Comply for Minor Violations
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 02-25-2010
Enf Action Type: Notice of Violation (Water)
Enf Action Description: Notice of Violation Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 04-22-1994
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 06-24-1991
Enf Action Type: Clean-up and Abatement Order
Enf Action Description: Clean-up and Abatement Order
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 06-30-1992
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 09-21-1995
Enf Action Type: Staff Enforcement Letter (Informal)
Enf Action Description: Staff Enforcement Letter (Informal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 10-01-2002
Enf Action Type: Enforcement Letter (Formal)
Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 10-25-1999
Enf Action Type: Oral Communication
Enf Action Description: Oral Communication
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS
Site Zip: 92373
Enf Action Date: 11-01-2007
Enf Action Type: Notice to Comply (Minor Violations)
Enf Action Description: Notice to Comply for Minor Violations
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Site ID: 102094
Site Name: California Street Landfill
Site Address: 2151 NEVADA
Site City: REDLANDS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

Site Zip: 92373
Enf Action Date: 12-08-2009
Enf Action Type: Notice to Comply (Minor Violations)
Enf Action Description: Notice to Comply for Minor Violations
Enf Action Notes: Not reported
Enf Action Division: Water Boards
Enf Action Program: LFOPER
Enf Action Source: CIWQS

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: WILLIAM B. RICE - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

PFAS:

Name: CALIFORNIA STREET LANDFILL
Address: 2151 NEVADA
City,State,Zip: REDLANDS, CA 92373
Envirostor ID: Not reported
Program Type: Land Disposal Site
Status: Open - Operating
Status Date: 12/05/2014
Enviroscreen Score: Not reported
Site Code: Not reported
Global ID: L10004733296
Facility Region: Not reported
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case worker: WBR
Local Agency: Not reported
Location Case Number: Not reported
File Location: Not reported
Potential Contaminants of Concern: Per- and Polyfluoroalkyl Substances (PFAS)
Potential Media Affected: Not reported
Site History: SITE HISTORY The City of Redlands is conducting Detection Monitoring Program for groundwater monitoring at the site. The California Street Landfill is an approximately 115-acre, active Class III landfill owned and operated by the City of Redlands, and includes the original 63-acre unlined portion and the approximately 52-acre lined expansion area. The facility is located in the northeastern portion of the San Bernardino Valley, along a reach of the southern bank of the Santa Ana River channel approximately 3.5 miles northwest of the City of Redlands in southeastern San Bernardino County. The landfill is located at 2151 Nevada Street, Redlands, California, 92373, in the northern half of the northeast portion of Section 17, Township I South, Range 3 West, San Bernardino Baseline and Meridian. From 1963 until present, the CSL has accepted municipal solid wastes generated within the City of Redlands consisting primarily of residential, commercial, and industrial waste, with a minor fraction of dried sewage sludge from the City s wastewater treatment plant located

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CALIFORNIA STREET LANDFILL (Continued)

S103442703

adjacent to the CSL. No designated or hazardous wastes were knowingly accepted for on-site disposal. Groundwater beneath the CSL is impacted by perchlorate, tetrachloroethene (PCE), trichloroethene (TCE), and 1,2-dibromo-3-chloropropane (DBCP). On March 8, 2004, the City submitted a report, as required under Contingency Response D.6.a.ii of Order No. 98-99, which demonstrated that all groundwater impacts originated from sources other than the landfill (3D GeoServices, 2004). **GEOLOGIC SETTING** The CSL is located within the eastern portion of the Transverse Ranges Geomorphic Province of California within the structurally down-dropped San Bernardino Valley structural block. This structural block is bounded to the north and south by the San Andreas and San Jacinto faults, respectively, and consists of over 1,000 feet of alluvium derived from the adjacent San Bernardino and San Gabriel Mountains delivered to the valley floor by coalescing streams flowing from the upland areas. The maximum thickness of alluvium in the area is estimated to be greater than 1,200 feet approximately one mile northwest of the landfill. The maximum thickness of alluvium beneath the landfill is greater than 700 feet (RWQCB, 2008). Ground surface elevations range from 955 feet above mean sea level (amsl) on the western end of the site to 1,040 feet amsl on the eastern end. **SITE HYDROGEOLOGIC SETTING** The CSL is situated along the southern bank of Reach 5 of the Santa Ana River channel, within the Upper Santa Ana River Hydrologic Area, in the Mill Creek Hydrologic Sub-Area of the Santa Ana River Watershed (Santa Ana Hydrologic Basin). No natural lakes or other bodies of standing water, ephemeral seeps, or springs occur at the site. Groundwater beneath the CSL occurs at approximately 166 to 203 feet below ground surface (bgs) within alluvial deposits. Historical groundwater elevation measurements indicate that groundwater flows to the west at an average hydraulic gradient of approximately 0.01 foot per foot (ft/ft).

Begin Date: Not reported
 RB Case Number: 8 360303001
 source_type: Geotracker
 Latitude: 34.08861
 Longitude: -117.221
 Geo Tracker URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10004733296

4
SW
< 1/8
0.061 mi.
321 ft.
Relative:
Lower
Actual:
1188 ft.

REDLANDS CITY CA STREET LANDFILL
1950 NEVADA
REDLANDS, CA 92373

LUST **S101301246**
CERS HAZ WASTE **N/A**
CERS TANKS
Cortese
EMI
ENF
HIST CORTESE
NPDES
San Bern. Co. Permit
CIWQS
CERS

LUST:
 Name: CITY OF REDLANDS CALIFORNIA STREET LANDFILL
 Address: 1950 NEVADA ST
 City,State,Zip: REDLANDS, CA 92374
 Lead Agency: SAN BERNARDINO COUNTY
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100280

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Global Id: T0607100280
Latitude: 34.0615432
Longitude: -117.217488
Status: Completed - Case Closed
Status Date: 04/19/1995
Case Worker: Not reported
RB Case Number: 083602258T
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 93014
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel, Gasoline
Site History: Not reported

LUST:

Global Id: T0607100280
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: T0607100280
Action Type: ENFORCEMENT
Date: 04/19/1995
Action: Closure/No Further Action Letter

Global Id: T0607100280
Action Type: Other
Date: 04/08/1993
Action: Leak Discovery

Global Id: T0607100280
Action Type: Other
Date: 04/08/1993
Action: Leak Reported

Global Id: T0607100280
Action Type: REMEDIATION
Date: 12/06/1994
Action: Excavation

LUST:

Global Id: T0607100280
Status: Open - Case Begin Date
Status Date: 04/08/1993

Global Id: T0607100280
Status: Open - Remediation
Status Date: 12/06/1994

Global Id: T0607100280
Status: Completed - Case Closed
Status Date: 04/19/1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

LUST REG 8:

Name:	CITY OF REDLANDS CALIFORNIA STREET LANDFILL
Address:	1950 NEVADA ST
City:	REDLANDS
Region:	8
County:	San Bernardino
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083602258T
Local Case Num:	93014
Case Type:	Soil only
Substance:	12034, 80066
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	PALMETTO
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0607100280
How Stopped Date:	Not reported
Enter Date:	6/21/1993
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/8/1993
Enforcement Date:	Not reported
Close Date:	4/19/1995
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	12/6/1994
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	6/21/1993
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.2621026
Longitude:	-117.2289432
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	VJJ
Staff Initials:	BM7
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER MOJAVE RIVER V
Beneficial:	Not reported
Priority:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

CERS HAZ WASTE:

Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Address: 1950 NEVADA ST
City,State,Zip: REDLANDS, CA 92374
Site ID: 106286
CERS ID: 10312354
CERS Description: Hazardous Waste Generator

CERS TANKS:

Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Address: 1950 NEVADA ST
City,State,Zip: REDLANDS, CA 92374
Site ID: 106286
CERS ID: 10312354
CERS Description: Aboveground Petroleum Storage

CORTESE:

Name: CITY OF REDLANDS CALIFORNIA STREET LANDFILL
Address: 1950 NEVADA ST
City,State,Zip: REDLANDS, CA 92374
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607100280
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

EMI:

Name: REDLANDS CITY, WASTEWATER TREA
Address: 1950 NEVADA ST
City,State,Zip: REDLANDS, CA 92374
Year: 1987
County Code: 36
Air Basin: SC
Facility ID: 5756
Air District Name: SC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

SIC Code: 4953
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: REDLANDS CITY, WASTEWATER TREA
Address: 1950 NEVADA ST
City,State,Zip: REDLANDS, CA 92374
Year: 1990
County Code: 36
Air Basin: SC
Facility ID: 5756
Air District Name: SC
SIC Code: 4953
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

ENF:

Name: REDLANDS BRINE PONDS
Address: 1950 NEVADA STREET
City,State,Zip: REDLANDS, CA 92373
Region: 8
Facility Id: 210435
Agency Name: Not reported
Place Type: Waste Management Unit
Place Subtype: Surface Impoundment
Facility Type: Industrial
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: 4953
SIC Desc 1: Refuse Systems
SIC Code 2: 9511
SIC Desc 2: Air and Water Resource and Solid Waste Management
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	382326
Region:	8
Order / Resolution Number:	70-016
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	12/01/2011
Adoption/Issuance Date:	12/01/2011
Achieve Date:	Not reported
Termination Date:	12/01/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL 12/01/2011
Description:	Late report notification/reminder sent (via email) to the City on 12/01/2011.
Program:	LNDISP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

Name: REDLANDS BRINE PONDS
Address: 1950 NEVADA STREET
City,State,Zip: REDLANDS, CA 92373
Region: 8
Facility Id: 210435
Agency Name: Not reported
Place Type: Waste Management Unit
Place Subtype: Surface Impoundment
Facility Type: Industrial
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: Not reported
Place Longitude: Not reported
SIC Code 1: 4953
SIC Desc 1: Refuse Systems
SIC Code 2: 9511
SIC Desc 2: Air and Water Resource and Solid Waste Management
SIC Code 3: Not reported
SIC Desc 3: Not reported
NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
Of Places: 1
Source Of Facility: Enf Action
Design Flow: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported
Facility Waste Type 2: Not reported
Facility Waste Type 3: Not reported
Facility Waste Type 4: Not reported
Program: Not reported
Program Category1: Not reported
Program Category2: LNDISP
Of Programs: Not reported
WDID: Not reported
Reg Measure Id: Not reported
Reg Measure Type: Not reported
Region: Not reported
Order #: Not reported
Npdes# CA#: Not reported
Major-Minor: Not reported
Npdes Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	361921
Region:	8
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	03/02/2009
Adoption/Issuance Date:	03/02/2009
Achieve Date:	Not reported
Termination Date:	03/02/2009
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Staff Enforcement Letter
Description:	The City failed to submit the 2008 Annual Cap Maintenance Report due on Oct. 1, 2008. On March 2, 2009, Board st aff notified the City of this violation via email, and requested the City to submit the delinquent report by March 16, 2009. The City submitted the late report on March 5, 2009.
Program:	LNDISP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	REDLANDS BRINE PONDS
Address:	1950 NEVADA STREET
City,State,Zip:	REDLANDS, CA 92373
Region:	8
Facility Id:	210435
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Surface Impoundment
Facility Type:	Industrial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4953
SIC Desc 1:	Refuse Systems
SIC Code 2:	9511
SIC Desc 2:	Air and Water Resource and Solid Waste Management
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Enforcement Id(EID): 343404
Region: 8
Order / Resolution Number: Not reported
Enforcement Action Type: Staff Enforcement Letter
Effective Date: 01/29/2008
Adoption/Issuance Date: Not reported
Achieve Date: 3/6/2008
Termination Date: 01/29/2008
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical
Title: SEL 1/29/08 for City of Redlands, closed brine pond
Description: The City failed to maintain the brine pond cap. On 1/30/08, Board staff requested the City to repair the cracks on the cap via email and to perform regular cap inspection and maintenance.
Program: LNDISP
Latest Milestone Completion Date: Not reported
Of Programs1: 1
Total Assessment Amount: 0
Initial Assessed Amount: 0
Liability \$ Amount: 0
Project \$ Amount: 0
Liability \$ Paid: 0
Project \$ Completed: 0
Total \$ Paid/Completed Amount: 0

HIST CORTESE:
edr_fname: CALIFORNIA STREET LANDFILL
edr_fadd1: 1950 NEVADA
City,State,Zip: REDLANDS, CA 92379
Region: CORTESE
Facility County Code: 36
Reg By: LTNKA
Reg Id: 083602258T

NPDES:
Name: REDLANDS CITY CA STREET LANDFILL
Address: 1950 NEVADA
City,State,Zip: REDLANDS, CA 92373
Facility Status: Active
NPDES Number: CAS000001
Region: 8
Agency Number: 0
Regulatory Measure ID: 213215
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 8 36I005471
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/07/1992
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 35 Cajon Street Suite 222
Discharge Name: City of Redlands

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Discharge City:	Redlands
Discharge State:	California
Discharge Zip:	92373
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
NPDES as of 03/2018:	
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	213215
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 36I005471
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/07/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	City of Redlands
Discharge Address:	35 Cajon Street Suite 222
Discharge City:	Redlands
Discharge State:	California
Discharge Zip:	92373
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	213215
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 361005471
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/07/1992
Status:	Active
Status Date:	04/07/1992
Place Size:	75
Place Size Unit:	Acres
Contact:	Shannon Simmers
Contact Title:	Regulatory Compliance Officer

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Contact Phone: 909-557-6298
Contact Phone Ext: Not reported
Contact Email: ssimmers@cityofredlands.org
Operator Name: City of Redlands
Operator Address: 35 Cajon Street Suite 222
Operator City: Redlands
Operator State: California
Operator Zip: 92373
Operator Contact: Shannon Simmers
Operator Contact Title: Regulatory Compliance Officer
Operator Contact Phone: 909-557-6298
Operator Contact Phone Ext: Not reported
Operator Contact Email: ssimmers@cityofredlands.org
Operator Type: City/Town Agency
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: California
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: 951-956-8398
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: N
Receiving Water Name: Santa Ana River
Certifier: Erik Reeves
Certifier Title: Field Services Supervisor
Certification Date: 19-JUN-15
Primary Sic: 4953-Refuse Systems
Secondary Sic: Not reported
Tertiary Sic: Not reported

Name: REDLANDS CITY WWTP
Address: 1950 NEVADA
City,State,Zip: REDLANDS, CA 92373
Facility Status: Active
NPDES Number: CAS000001
Region: 8
Agency Number: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Regulatory Measure ID: 213217
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 8 36I005758
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/07/1992
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 35 Cajon Street Suite 222
Discharge Name: City of Redlands
Discharge City: Redlands
Discharge State: California
Discharge Zip: 92373
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:

NPDES Number: CAS000001
Status: Active
Agency Number: 0
Region: 8
Regulatory Measure ID: 213217
Order Number: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 8 36I005758
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/07/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: City of Redlands
Discharge Address: 35 Cajon Street Suite 222
Discharge City: Redlands
Discharge State: California
Discharge Zip: 92373
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported
Place Size: Not reported
Place Size Unit: Not reported
Contact: Not reported
Contact Title: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Email: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	213217
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 361005758
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/07/1992
Status:	Active
Status Date:	10/27/2015
Place Size:	35
Place Size Unit:	Acres
Contact:	Shannon Simmers
Contact Title:	Not reported
Contact Phone:	909-557-6298
Contact Phone Ext:	Not reported
Contact Email:	ssimmers@cityofredlands.org
Operator Name:	City of Redlands
Operator Address:	35 Cajon Street Suite 222
Operator City:	Redlands
Operator State:	California
Operator Zip:	92373
Operator Contact:	Chris Diggs
Operator Contact Title:	Not reported
Operator Contact Phone:	909-798-7698
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	cdiggs@cityofredlands.org
Operator Type:	City/Town Agency
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	951-956-8398
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Santa Ana River
Certifier:	Michael Pool
Certifier Title:	Interim City Engineer
Certification Date:	26-AUG-15

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Primary Sic: 4952-Sewerage Systems
Secondary Sic: Not reported
Tertiary Sic: Not reported

Name: REDLANDS CITY WWTP
Address: 1950 NEVADA
City,State,Zip: REDLANDS, CA 92373
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 8 36I005758
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 10/27/2015
Operator Name: City of Redlands
Operator Address: 35 Cajon Street Suite 222
Operator City: Redlands
Operator State: California
Operator Zip: 92373

NPDES as of 03/2018:

NPDES Number: CAS000001
Status: Active
Agency Number: 0
Region: 8
Regulatory Measure ID: 213217
Order Number: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 8 36I005758
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 04/07/1992
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: City of Redlands
Discharge Address: 35 Cajon Street Suite 222
Discharge City: Redlands
Discharge State: California
Discharge Zip: 92373
Received Date: Not reported
Processed Date: Not reported
Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Region: 8
Regulatory Measure ID: 213217
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 8 361005758
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Received Date: 05/09/2008
Processed Date: 04/07/1992
Status: Active
Status Date: 10/27/2015
Place Size: 35
Place Size Unit: Acres
Contact: Shannon Simmers
Contact Title: Not reported
Contact Phone: 909-557-6298
Contact Phone Ext: Not reported
Contact Email: ssimmers@cityofredlands.org
Operator Name: City of Redlands
Operator Address: 35 Cajon Street Suite 222
Operator City: Redlands
Operator State: California
Operator Zip: 92373
Operator Contact: Chris Diggs
Operator Contact Title: Not reported
Operator Contact Phone: 909-798-7698
Operator Contact Phone Ext: Not reported
Operator Contact Email: cdiggs@cityofredlands.org
Operator Type: City/Town Agency
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: California
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: 951-956-8398
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: N
Receiving Water Name: Santa Ana River
Certifier: Michael Pool
Certifier Title: Interim City Engineer
Certification Date: 26-AUG-15
Primary Sic: 4952-Sewerage Systems
Secondary Sic: Not reported
Tertiary Sic: Not reported

Name: REDLANDS CITY CA STREET LANDFILL
Address: 1950 NEVADA
City,State,Zip: REDLANDS, CA 92373
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 8 36I005471
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 04/07/1992
Operator Name: City of Redlands
Operator Address: 35 Cajon Street Suite 222
Operator City: Redlands
Operator State: California
Operator Zip: 92373

NPDES as of 03/2018:

NPDES Number: CAS000001
Status: Active
Agency Number: 0
Region: 8
Regulatory Measure ID: 213215
Order Number: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 8 36I005471
Program Type: Industrial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/07/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	City of Redlands
Discharge Address:	35 Cajon Street Suite 222
Discharge City:	Redlands
Discharge State:	California
Discharge Zip:	92373
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	213215
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 361005471
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/07/1992
Status:	Active
Status Date:	04/07/1992
Place Size:	75
Place Size Unit:	Acres
Contact:	Shannon Simmers
Contact Title:	Regulatory Compliance Officer
Contact Phone:	909-557-6298
Contact Phone Ext:	Not reported
Contact Email:	ssimmers@cityofredlands.org
Operator Name:	City of Redlands
Operator Address:	35 Cajon Street Suite 222
Operator City:	Redlands
Operator State:	California
Operator Zip:	92373
Operator Contact:	Shannon Simmers
Operator Contact Title:	Regulatory Compliance Officer
Operator Contact Phone:	909-557-6298
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	ssimmers@cityofredlands.org
Operator Type:	City/Town Agency
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Constype Linear Utility Ind: Not reported
Emergency Phone: 951-956-8398
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: N
Receiving Water Name: Santa Ana River
Certifier: Erik Reeves
Certifier Title: Field Services Supervisor
Certification Date: 19-JUN-15
Primary Sic: 4953-Refuse Systems
Secondary Sic: Not reported
Tertiary Sic: Not reported

San Bern. Co. Permit:

Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Address: 1950 NEVADA ST
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0013949
Owner: CITY OF REDLANDS WASTEWATER
Permit Number: PT0024523
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status: ACTIVE
Expiration Date: 09/30/2022

Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Address: 1950 NEVADA ST
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0013949
Owner: CITY OF REDLANDS WASTEWATER
Permit Number: PT0028267
Permit Category: CONDITIONALLY EXEMPT SM QTY GENERATOR
Facility Status: ACTIVE
Expiration Date: 09/30/2022

Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Address: 1950 NEVADA ST
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0013949

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Owner: CITY OF REDLANDS WASTEWATER
Permit Number: PT0040227
Permit Category: APSA 1,320-10,000 GAL FAC CAPACITY
Facility Status: ACTIVE
Expiration Date: 09/30/2021

Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Address: 1950 NEVADA ST
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0013949
Owner: CITY OF REDLANDS WASTEWATER
Permit Number: PT0024524
Permit Category: SMALL QUANTITY GENERATOR
Facility Status: INACTIVE
Expiration Date: 09/30/2013

CIWQS:

Name: REDLANDS BRINE PONDS
Address: 1950 NEVADA STREET
City,State,Zip: REDLANDS, CA 92373
Agency: Redlands City
Agency Address: Po Box 3005, Redlands, CA 92373
Place/Project Type: Surface Impoundments
SIC/NAICS: 4953(+)
Region: 8
Program: LFNONOPER, LNDISPOTH
Regulatory Measure Status: Active
Regulatory Measure Type: Enrollee - WDR
Order Number: R8-2014-0001
WDID: 8 362960001
NPDES Number: Not reported
Adoption Date: Not reported
Effective Date: 09/10/2014
Termination Date: Not reported
Expiration/Review Date: 03/01/2024
Design Flow: Not reported
Major/Minor: Not reported
Complexity: C
TTWQ: 3
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: Not reported
Longitude: Not reported

Name: REDLANDS CITY WWTP
Address: 1950 NEVADA
City,State,Zip: REDLANDS, CA 92373
Agency: City of Redlands
Agency Address: 35 Cajon Street Suite 222, Redlands, CA 92373
Place/Project Type: Industrial - Sewerage Systems
SIC/NAICS: 4952
Region: 8
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

WDID: 8 36I005758
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 04/07/1992
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.05198
Longitude: -117.21742

Name: REDLANDS CITY CA STREET LANDFILL
Address: 1950 NEVADA
City,State,Zip: REDLANDS, CA 92373
Agency: City of Redlands
Agency Address: 35 Cajon Street Suite 222, Redlands, CA 92373
Place/Project Type: Industrial - Refuse Systems
SIC/NAICS: 4953
Region: 8
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 36I005471
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 04/07/1992
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.05198
Longitude: -117.21742

CERS:

Name: REDLANDS CITY CA STREET LANDFILL
Address: 1950 NEVADA
City,State,Zip: REDLANDS, CA 92373
Site ID: 540580
CERS ID: 258873
CERS Description: Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc: Owner/Operator
Entity Name: City of Redlands
Entity Title: Operator
Affiliation Address: 35 Cajon Street Suite 222
Affiliation City: Redlands
Affiliation State: CA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Affiliation Country: Not reported
Affiliation Zip: 92373
Affiliation Phone: Not reported

Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Address: 1950 NEVADA ST
City,State,Zip: REDLANDS, CA 92374
Site ID: 106286
CERS ID: 10312354
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Violation Date: 07-16-2014
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/16/2014. Failure to manage used oil lawfully (CHSC 25250.4) Observed (1) 30-gallon container of used oil missing label and accumulation start date. Corrective text: Label used oil container with the proper G Hazardous WasteG label and ensure label is complete. Violation corrected at the time of the inspection: Operator labeled used oil container with all the required information.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Violation Date: 06-22-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 07/20/2017.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Violation Date: 06-22-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/22/2017. Failure to complete hazardous waste labels (CCR 66262.34(f)(3))
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Violation Date: 06-22-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/20/2017. Hazardous waste accumulation time exceeded (CCR 66262.34(a))

Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Violation Date: 07-15-2020
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan.
Violation Notes: Returned to compliance on 08/11/2020. Facility operator was unable to adequately demonstrate that a Spill Prevention, Control, and Countermeasures Plan (SPCC Plan) has been prepared and implemented. CORRECTIVE ACTION: Sign the Certificate of Compliance to indicate that a Spill Prevention, Control, and Countermeasures Plan (SPCC Plan) has been prepared.

Violation Division: San Bernardino County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Violation Date: 07-16-2014
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections

Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/16/2014. Failure to label hazardous waste containers (CCR 66262.34(f)(3)) Observed (1) 30-gallon container of used oil missing label. Corrective text: Label used oil container with the proper G Hazardous WasteG label and ensure label is complete. Violation corrected at the time of the inspection: Operator labeled used oil container with all the required information.

Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Violation Date: 06-22-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple

Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/22/2017. Failure to label hazardous waste containers (CCR 66262.34(f)(3))

Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Violation Date: 07-16-2014
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/16/2014. Failure to note accumulation start date on labels (CCR 66262.34(f)(2)) Observed (1) 30-gallon container of used oil missing accumulation start date. Violation corrected at the time of the inspection: Operator added accumulation start date on label at time of inspection. Accumulation start date is 1/22/2014.

Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Violation Date: 07-16-2014
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)

Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.

Violation Notes: Returned to compliance on 07/25/2014. Hazardous Materials Inventory is missing the following items: (1) 900-gallon tank of citric acid (1) 5,000-gallon tank of ferric chloride (1) 5-gallon container of COD (acid) hazardous waste (1) 5-gallon container of NO3 related hazardous waste (2) Diesel containers (sized unknown, back-up generators) Sodium Hypochlorite quantity of 10,000-gallon is incorrect. Should reflect 12,000-gallons.

Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Violation Date: 06-22-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple

Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 06/22/2017. Failure to note accumulation start date on labels (CCR 66262.34(f)(2))

Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE INSPECTION/ POST INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE INSPECTION/ POST INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-15-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-15-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-15-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Site Address: 1950 NEVADA ST
Site City: REDLANDS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Site Zip: 92374
Enf Action Date: 06-22-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Site Address: 1950 NEVADA ST
Site City: REDLANDS
Site Zip: 92374
Enf Action Date: 06-22-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS

Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Site Address: 1950 NEVADA ST
Site City: REDLANDS
Site Zip: 92374
Enf Action Date: 07-16-2014
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: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 106286
Site Name: CITY OF REDLANDS-WASTEWATER TREATMENT FACILITY
Site Address: 1950 NEVADA ST
Site City: REDLANDS
Site Zip: 92374
Enf Action Date: 07-16-2014
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: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P O BOX 3005
Affiliation City: REDLANDS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92373-1505

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Shannon Simmers
Entity Title:	Regulatory Compliance Officer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	CITY OF REDLANDS WASTEWATER
Entity Title:	Not reported
Affiliation Address:	35 CAJON ST STE 15A
Affiliation City:	REDLANDS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92373
Affiliation Phone:	(909) 798-7588
Affiliation Type Desc:	Operator
Entity Name:	KEVIN WATSON
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:	(909) 725-7979
Affiliation Type Desc:	Environmental Contact
Entity Name:	Shannon Simmers
Entity Title:	Not reported
Affiliation Address:	PO Box 3005
Affiliation City:	REDLANDS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92373
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	City of Redlands
Entity Title:	Not reported
Affiliation Address:	35 Cajon St 15A
Affiliation City:	REDLANDS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92373
Affiliation Phone:	(909) 798-7588
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401

Affiliation Type Desc: Document Preparer
Entity Name: Shannon Simmers
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: City of Redlands Municipal Utilities and Engineering Dept.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: REDLANDS CITY WWTP
Address: 1950 NEVADA
City,State,Zip: REDLANDS, CA 92373
Site ID: 540582
CERS ID: 259010
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: City of Redlands
Entity Title: Operator
Affiliation Address: 35 Cajon Street Suite 222
Affiliation City: Redlands
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92373
Affiliation Phone: Not reported

Name: CITY OF REDLANDS CALIFORNIA STREET LANDFILL
Address: 1950 NEVADA ST
City,State,Zip: REDLANDS, CA 92374
Site ID: 257326
CERS ID: T0607100280
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: VALERIE JAHN-BULL - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REDLANDS CITY CA STREET LANDFILL (Continued)

S101301246

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824903

5
NW
< 1/8
0.073 mi.
388 ft.

CALIFORNIA STREET LANDFILL BORROW AREA
35 CAJON STREET, P.O. BOX 3005
, CA

MINES S117661229
N/A

Relative:
Lower

MINES:

Actual:
1183 ft.

Name: CALIFORNIA STREET LANDFILL BORROW AREA
Address: 35 CAJON STREET, P.O. BOX 3005
City, State, Zip: CA
Latitude: 34.089444
Longitude: -117.216944
Lead Agency identification code: 36.3
Lead Agency name: City of Redlands
Year of the operator supplied annual report: 2003
Type of report submitted by operator: 2
Number of acres disturbed by the mine: 0
Status of mining operation: RECLAIMED
Status of mine reclamation: RECLAMATION CERTIFIED COMPLETE BY LEAD AGENCY
Mine operator: CITY OF REDLANDS
Operator Address: 35 CAJON STREET, P.O. BOX 3005
Operator City, State, Zip: REDLANDS, CA 92373
Operator County: Not reported
Mine owner: CITY OF REDLANDS
Owner Address: 35 CAJON STREET, P.O. BOX 3005
Owner City, State, Zip: REDLANDS, CA 92373
Owner County: Not reported
Reclamation plan identification number: Not reported
Primary product produced by the mine: Fill Dirt
Other products produced by the mine: Not reported
Type of mining utilized by mine: UNDETERMINED
Conditional use permit identification number: CUP 592
Number of acres permitted for mining disturbance: 52
Total amount of funds posted by the mine for reclamation: 39000
Financial Assurance Cost Estimate for reclamation: Not reported

B6
South
< 1/8
0.112 mi.
594 ft.

INFORMATION PROCESS SOLUTIONS LLC
26940 PALMETTO AVE
REDLANDS, CA 92374

HAZNET
San Bern. Co. Permit
HWTS

S113776172
N/A

Site 1 of 2 in cluster B

Relative:
Higher

HAZNET:

Actual:
1195 ft.

Name: INFORMATION PROCESS SOLUTIONS LLC
Address: 26940 PALMETTO AVE
Address 2: Not reported
City, State, Zip: REDLANDS, CA 923741521
Contact: BEATRIZ DEAN
Telephone: 9092024195
Mailing Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INFORMATION PROCESS SOLUTIONS LLC (Continued)

S113776172

Mailing Address: 26940 PALMETTO AVE
Year: 2012
Gepaid: CAC002689236
TSD EPA ID: CAD008252405
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.066

Additional Info:

Year: 2012
Gen EPA ID: CAC002689236
Shipment Date: 20120403
Creation Date: 10/19/2012 22:15:28
Receipt Date: 20120405
Manifest ID: 009482198JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SVCS
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSD EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSD EPA ID: Not reported
TSD Name: Not reported
Waste Code Description: 331 - Off-specification, aged, or surplus organics
RCRA Code: D001
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.066
Waste Quantity: 20
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

San Bern. Co. Permit:

Name: PERFORMANCE TEAM - REDLANDS, CA - B21
Address: 26940 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0016951
Owner: Craig Kaplan
Permit Number: PT0036255
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: INACTIVE
Expiration Date: 09/30/2019

HWTS:

Name: INFORMATION PROCESS SOLUTIONS LLC
Address: 26940 PALMETTO AVE
Address 2: Not reported
City,State,Zip: REDLANDS, CA 923741521
EPA ID: CAC002689236

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

INFORMATION PROCESS SOLUTIONS LLC (Continued)

S113776172

Inactive Date: 09/23/2012
 Create Date: 03/26/2012
 Last Act Date: 03/26/2012
 Mailing Name: Not reported
 Mailing Address: 26940 PALMETTO AVE
 Mailing Address 2: Not reported
 Mailing City,State,Zip: REDLANDS, CA 923741521
 Owner Name: INFORMATION PROCESS SOLUTIONS LLC
 Owner Address: 26940 PALMETTO AVE
 Owner Address 2: Not reported
 Owner City,State,Zip: REDLANDS, CA 923741521
 Contact Name: BEATRIZ DEAN
 Contact Address: 26940 PALMETTO AVE
 Contact Address 2: Not reported
 City,State,Zip: REDLANDS, CA 923741521

B7
South
< 1/8
0.112 mi.
594 ft.

#585 PALMETTO, REDLANDS
26940 PALMETTO AVE
REDLANDS, CA 92374
Site 2 of 2 in cluster B

San Bern. Co.
NPDES Permit
CIWQS
CERS

S118603497
N/A

Relative:
Higher
Actual:
1195 ft.

NPDES:
 Name: PERFORMANCE TEAM FREIGHT SYSTEMS 21
 Address: 26940 PALMETTO AVE
 City,State,Zip: REDLANDS, CA 92374
 Facility Status: Not reported
 NPDES Number: Not reported
 Region: Not reported
 Agency Number: Not reported
 Regulatory Measure ID: Not reported
 Place ID: Not reported
 Order Number: Not reported
 WDID: 8 36NEC001926
 Regulatory Measure Type: Industrial
 Program Type: Not reported
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: Not reported
 Termination Date Of Regulatory Measure: Not reported
 Expiration Date Of Regulatory Measure: Not reported
 Discharge Address: Not reported
 Discharge Name: Not reported
 Discharge City: Not reported
 Discharge State: Not reported
 Discharge Zip: Not reported
 Status: Terminated
 Status Date: 11/12/2020
 Operator Name: Performance Team LLC
 Operator Address: 2240 E Maple Avenue
 Operator City: El Segundo
 Operator State: California
 Operator Zip: 90245

NPDES as of 03/2018:
 NPDES Number: CAS000001
 Status: Active
 Agency Number: 0
 Region: 8

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

#585 PALMETTO, REDLANDS (Continued)

S118603497

Regulatory Measure ID: 464895
Order Number: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 8 36NEC001926
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/18/2016
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Performance Team Freight Systems Inc
Discharge Address: 11204 Norwalk Blvd
Discharge City: Santa Fe Springs
Discharge State: California
Discharge Zip: 90670
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported
Place Size: Not reported
Place Size Unit: Not reported
Contact: Not reported
Contact Title: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Email: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported
Operator Contact: Not reported
Operator Contact Title: Not reported
Operator Contact Phone: Not reported
Operator Contact Phone Ext: Not reported
Operator Contact Email: Not reported
Operator Type: Not reported
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: Not reported
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

#585 PALMETTO, REDLANDS (Continued)

S118603497

Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	464895
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 36NEC001926
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	10/01/2015
Processed Date:	03/18/2016
Status:	Active
Status Date:	03/18/2016
Place Size:	14
Place Size Unit:	Acres
Contact:	Paul Toomey
Contact Title:	Not reported
Contact Phone:	562-405-2255
Contact Phone Ext:	Not reported
Contact Email:	paul.toomey@performanceteam.net
Operator Name:	Performance Team Freight Systems Inc
Operator Address:	11204 Norwalk Blvd
Operator City:	Santa Fe Springs
Operator State:	California
Operator Zip:	90670
Operator Contact:	Paul Toomey
Operator Contact Title:	Not reported
Operator Contact Phone:	562-405-2255
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	paul.toomey@performanceteam.net
Operator Type:	Other
Developer:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

#585 PALMETTO, REDLANDS (Continued)

S118603497

Developer Address: Not reported
Developer City: Not reported
Developer State: California
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: Not reported
Receiving Water Name: Not reported
Certifier: paul toomey
Certifier Title: compliance manager
Certification Date: 28-SEP-16
Primary Sic: 4225-General Warehousing and Storage
Secondary Sic: Not reported
Tertiary Sic: Not reported

Name: PERFORMANCE TEAM FREIGHT SYSTEMS 21
Address: 26940 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Facility Status: Terminated
NPDES Number: CAS000001
Region: 8
Agency Number: 0
Regulatory Measure ID: 464895
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 8 36NEC001926
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/18/2016
Termination Date Of Regulatory Measure: 09/15/2020
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 2240 E Maple Avenue
Discharge Name: Performance Team LLC
Discharge City: El Segundo
Discharge State: California
Discharge Zip: 90245

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

#585 PALMETTO, REDLANDS (Continued)

S118603497

Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:
NPDES Number: CAS000001
Status: Active
Agency Number: 0
Region: 8
Regulatory Measure ID: 464895
Order Number: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 8 36NEC001926
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/18/2016
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Performance Team Freight Systems Inc
Discharge Address: 11204 Norwalk Blvd
Discharge City: Santa Fe Springs
Discharge State: California
Discharge Zip: 90670
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported
Place Size: Not reported
Place Size Unit: Not reported
Contact: Not reported
Contact Title: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Email: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported
Operator Contact: Not reported
Operator Contact Title: Not reported
Operator Contact Phone: Not reported
Operator Contact Phone Ext: Not reported
Operator Contact Email: Not reported
Operator Type: Not reported
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: Not reported
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

#585 PALMETTO, REDLANDS (Continued)

S118603497

Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	464895
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 36NEC001926
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	10/01/2015
Processed Date:	03/18/2016
Status:	Active
Status Date:	03/18/2016
Place Size:	14
Place Size Unit:	Acres
Contact:	Paul Toomey
Contact Title:	Not reported
Contact Phone:	562-405-2255
Contact Phone Ext:	Not reported
Contact Email:	paul.toomey@performanceteam.net

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

#585 PALMETTO, REDLANDS (Continued)

S118603497

Operator Name: Performance Team Freight Systems Inc
Operator Address: 11204 Norwalk Blvd
Operator City: Santa Fe Springs
Operator State: California
Operator Zip: 90670
Operator Contact: Paul Toomey
Operator Contact Title: Not reported
Operator Contact Phone: 562-405-2255
Operator Contact Phone Ext: Not reported
Operator Contact Email: paul.toomey@performanceteam.net
Operator Type: Other
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: California
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Not reported
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: Not reported
Receiving Water Name: Not reported
Certifier: paul toomey
Certifier Title: compliance manager
Certification Date: 28-SEP-16
Primary Sic: 4225-General Warehousing and Storage
Secondary Sic: Not reported
Tertiary Sic: Not reported

San Bern. Co. Permit:

Name: #585 PALMETTO, REDLANDS
Address: 26940 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0010032
Owner: THRIFTY OIL CO #585
Permit Number: PT0017799
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: ACTIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

#585 PALMETTO, REDLANDS (Continued)

S118603497

Expiration Date: 11/30/2021

CIWQS:

Name: PERFORMANCE TEAM FREIGHT SYSTEMS 21
Address: 26940 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Agency: Performance Team LLC
Agency Address: 2240 E Maple Avenue, El Segundo, CA 90245
Place/Project Type: Industrial - General Warehousing and Storage
SIC/NAICS: 4225
Region: 8
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 36NEC001926
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 03/18/2016
Termination Date: 09/15/2020
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 34.085795
Longitude: -117.215722

CERS:

Name: PERFORMANCE TEAM FREIGHT SYSTEMS 21
Address: 26940 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Site ID: 539291
CERS ID: 841518
CERS Description: Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc: Owner/Operator
Entity Name: Performance Team LLC
Entity Title: Operator
Affiliation Address: 2240 E Maple Avenue
Affiliation City: El Segundo
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90245
Affiliation Phone: Not reported

Name: #585 PALMETTO, REDLANDS
Address: 26940 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Site ID: 60999
CERS ID: 10050676
CERS Description: Chemical Storage Facilities

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

#585 PALMETTO, REDLANDS (Continued)

S118603497

Violations:

Site ID: 60999
Site Name: #585 Palmetto, REDLANDS
Violation Date: 01-17-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violation Notes: The updated emergency response plan was missing the local CUPA phone number. CORRECTIVE ACTION: Update the emergency response plan to include the local CUPA number.

Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 60999
Site Name: #585 Palmetto, REDLANDS
Violation Date: 01-13-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 03/22/2018. Business plan is incomplete and not electronically submitted into California Environmental Reporting System.

Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 60999
Site Name: #585 Palmetto, REDLANDS
Violation Date: 01-17-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: Last hazardous materials business plan was submitted via CERS on 09.21.2017. CORRECTIVE ACTION: Comply by reviewing and certifying the Business Plan annually.

Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 60999
Site Name: #585 Palmetto, REDLANDS
Violation Date: 08-28-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 03/22/2018. NON INSPECTION RELATED VIOLATION

Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

#585 PALMETTO, REDLANDS (Continued)

S118603497

Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-13-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE HANDLER INSPECTION FOR REDLANDS LOGISTICS CENTER.
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-17-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-27-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS ENFORCEMENT PROJECT-ENTER VIOLATION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-28-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS ENFORCEMENT PROJECT-ENTER VIOLATION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:

Site ID: 60999
Site Name: #585 Palmetto, REDLANDS
Site Address: 26940 PALMETTO AVE
Site City: REDLANDS
Site Zip: 92374
Enf Action Date: 01-13-2017
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:

Site ID: 60999
Facility Name: #585 Palmetto, REDLANDS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

#585 PALMETTO, REDLANDS (Continued)

S118603497

Env Int Type Code: HMBP
Program ID: 10050676
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.085773
Longitude: -117.215729

Affiliation:

Affiliation Type Desc: Parent Corporation
Entity Name: 585 REDLANDS
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: FAYE LENGYEL
Entity Title: Not reported
Affiliation Address: 13116 IMPERIAL HWY
Affiliation City: SANTA FE SPRINGS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90670
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Call To Action
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: (909) 747-1380

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 26940 PALMETTO AVE
Affiliation City: REDLANDS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92374
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: THRIFTY OIL CO #585
Entity Title: Not reported
Affiliation Address: 13116 IMPERIAL HWY
Affiliation City: SANTA FE SPRINGS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90670-4817
Affiliation Phone: (562) 921-3581

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

#585 PALMETTO, REDLANDS (Continued)

S118603497

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401

Affiliation Type Desc: Document Preparer
Entity Name: Fayer Lengyel
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Faye Lengyel
Entity Title: Director of Property Management
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Thrifty Oil Co.
Entity Title: Not reported
Affiliation Address: 13116 Imperial Highway
Affiliation City: Santa Fe Springs
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90670
Affiliation Phone: (562) 921-3581

C8
SW
1/8-1/4
0.170 mi.
895 ft.

CALIFORNIA PALMS BUSINESS CTR BDG 1
26881 PALMETTO AVE
REDLANDS, CA 92374

San Bern. Co. Permit
CERS S110071583
N/A

Site 1 of 3 in cluster C

Relative:
Lower
Actual:
1182 ft.

San Bern. Co. Permit:
Name: CALIFORNIA PALMS BUSINESS CTR BDG 1
Address: 26881 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0010025
Owner: TC LIT PALMS, LLC
Permit Number: PT0018171
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: ACTIVE
Expiration Date: 10/31/2021

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA PALMS BUSINESS CTR BDG 1 (Continued)

S110071583

Name: PAYLESS SHOE SOURCE INC. WDC
Address: 26881 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0011285
Owner: PAYLESS SHOE SOURCE, INC. WDC
Permit Number: PT0025563
Permit Category: CONDITIONALLY EXEMPT SM QTY GENERATOR
Facility Status: INACTIVE
Expiration Date: 11/30/2018

Name: PAYLESS SHOE SOURCE INC. WDC
Address: 26881 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0011285
Owner: PAYLESS SHOE SOURCE, INC. WDC
Permit Number: PT0019483
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS
Facility Status: INACTIVE
Expiration Date: 11/30/2018

Name: PAYLESS SHOE SOURCE INC. WDC
Address: 26881 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0011285
Owner: PAYLESS SHOE SOURCE, INC. WDC
Permit Number: PT0025562
Permit Category: EPCRA FACILITY
Facility Status: INACTIVE
Expiration Date: 11/30/2013

CERS:

Name: CALIFORNIA PALMS BUSINESS CTR BDG 1
Address: 26881 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Site ID: 102016
CERS ID: 10050661
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 102016
Site Name: CALIFORNIA PALMS BUSINESS CTR BDG 1
Violation Date: 05-05-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 06/06/2016. The facility site map is incomplete. A site map must contain the following: north orientation, loading areas, internal roads, adjacent streets, storm and sewer drains, access and exit points, emergency shutoffs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. Furthermore, facility has not submitted the Business Emergency/Contingency Plan or Training Plan elements in CERS.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA PALMS BUSINESS CTR BDG 1 (Continued)

S110071583

The website is located at <http://cers.calepa.ca.gov/>. Your CERS I.D. number is 10050661.

Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 102016
Site Name: CALIFORNIA PALMS BUSINESS CTR BDG 1
Violation Date: 09-06-2013
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description: Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes: Returned to compliance on 06/06/2016.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-05-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE INSPECTION, PHOTO NARRATIVE, INSPECTION PREPARATION, TRAINING KANIZ
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-06-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Routine inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 102016
Site Name: CALIFORNIA PALMS BUSINESS CTR BDG 1
Site Address: 26881 PALMETTO AVE
Site City: REDLANDS
Site Zip: 92374
Enf Action Date: 05-05-2016
Enf Action Type: Notice of Violation (Unified Program)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA PALMS BUSINESS CTR BDG 1 (Continued)

S110071583

Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 102016
Site Name: CALIFORNIA PALMS BUSINESS CTR BDG 1
Site Address: 26881 PALMETTO AVE
Site City: REDLANDS
Site Zip: 92374
Enf Action Date: 09-06-2013
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:

Affiliation Type Desc: Document Preparer
Entity Name: Ian Hedstrom
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Ian Hedstrom
Entity Title: Not reported
Affiliation Address: 900 Wilshire Blvd., Ste 2400
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90017
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: TC LIT PALMS, LLC
Entity Title: Not reported
Affiliation Address: 900 Wilshire Blvd., Ste 2400
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90017
Affiliation Phone: (213) 629-7359

Affiliation Type Desc: CUPA District
Entity Name: San Bernardino County Fire
Entity Title: Not reported
Affiliation Address: 620 South E Street
Affiliation City: San Bernardino
Affiliation State: CA
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CALIFORNIA PALMS BUSINESS CTR BDG 1 (Continued)

S110071583

Affiliation Zip: 92415-0153
Affiliation Phone: (909) 386-8401

Affiliation Type Desc: Operator
Entity Name: Ian Hedstrom
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: (213) 330-0980

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 900 Wilshire Blvd., Ste 2400
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90017
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Ian Hedstrom
Entity Title: Property Admin
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: CALIFORNIA PALMS BUSINESS CTR
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: Lion Industrial Properties, LP
Entity Title: Not reported
Affiliation Address: PO Box 6200
Affiliation City: Hicksville
Affiliation State: NY
Affiliation Country: United States
Affiliation Zip: 11802
Affiliation Phone: (213) 629-7359

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

C9 SW 1/8-1/4 0.170 mi. 895 ft.	PAYLESS SHOESOURCE DIST. INC 26881 PALMETTO AVE REDLANDS, CA 92374	RCRA NonGen / NLR	1024848493 CAL000404153
Relative: Site 2 of 3 in cluster C Lower RCRA NonGen / NLR:			
Actual: 1182 ft.	Date Form Received by Agency:	2015-01-30 00:00:00.0	
	Handler Name:	PAYLESS SHOESOURCE DIST. INC	
	Handler Address:	26881 PALMETTO AVE	
	Handler City,State,Zip:	REDLANDS, CA 92374	
	EPA ID:	CAL000404153	
	Contact Name:	JUAN ROSALES	
	Contact Address:	26881 PALMETTO AVE	
	Contact City,State,Zip:	REDLANDS, CA 92374	
	Contact Telephone:	909-363-4228	
	Contact Fax:	909-363-4253	
	Contact Email:	JUAN.ROSALES@PAYLESS.COM	
	Contact Title:	Not reported	
	EPA Region:	09	
	Land Type:	Not reported	
	Federal Waste Generator Description:	Not a generator, verified	
	Non-Notifier:	Not reported	
	Biennial Report Cycle:	Not reported	
	Accessibility:	Not reported	
	Active Site Indicator:	Handler Activities	
	State District Owner:	Not reported	
	State District:	Not reported	
	Mailing Address:	26881 PALMETTO AVE	
	Mailing City,State,Zip:	REDLANDS, CA 92374	
	Owner Name:	PAYLESS SHOESOURCE INC	
	Owner Type:	Other	
	Operator Name:	JUAN ROSALES	
	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 GPRR Permit Baseline:	Not on the Baseline	
	2018 GPRR Renewals Baseline:	Not on the Baseline	
	Permit Renewals Workload Universe:	Not reported	

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PAYLESS SHOESOURCE DIST. INC (Continued)

1024848493

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:05:42.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JUAN ROSALES
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	26881 PALMETTO AVE
Owner/Operator City,State,Zip:	REDLANDS, CA 92374
Owner/Operator Telephone:	909-363-4228
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PAYLESS SHOESOURCE INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3231 SE 6TH AVE
Owner/Operator City,State,Zip:	TOPEKA, KS 66607-2260
Owner/Operator Telephone:	785-295-2459
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PAYLESS SHOESOURCE DIST. INC (Continued)

1024848493

Historic Generators:

Receive Date: 2015-01-30 00:00:00.0
 Handler Name: PAYLESS SHOESOURCE DIST. INC
 Federal Waste Generator Description: Not a generator, verified
 State District Owner: Not reported
 Large Quantity Handler of Universal Waste: No
 Recognized Trader Importer: No
 Recognized Trader Exporter: No
 Spent Lead Acid Battery Importer: No
 Spent Lead Acid Battery Exporter: No
 Current Record: Yes
 Non Storage Recycler Activity: Not reported
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 42234
 NAICS Description: FOOTWEAR WHOLESALERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

C10
SW
 1/8-1/4
 0.170 mi.
 895 ft.

PAYLESS SHOE STORES
26881 PALMETTO AVE
REDLANDS, CA 92374
 Site 3 of 3 in cluster C

HAZNET
 San Bern. Co. Permit
CERS
HWTS

S113774515
 N/A

Relative:
Lower
Actual:
1182 ft.

HAZNET:
 Name: PAYLESS SHOE STORES
 Address: 26881 PALMETTO AVE
 Address 2: Not reported
 City,State,Zip: REDLANDS, CA 92374
 Contact: JAVIER LOPEZ
 Telephone: 9093634224
 Mailing Name: Not reported
 Mailing Address: 26881 PALMETTO AVE

Year: 2012
 Gepaid: CAC002687143
 TSD EPA ID: CAD982444481
 CA Waste Code: 352 - Other organic solids
 Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.075

Year: 2012
 Gepaid: CAC002687143
 TSD EPA ID: CAD982444481
 CA Waste Code: 222 - Oil/water separation sludge
 Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.22935

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAYLESS SHOE STORES (Continued)

S113774515

Additional Info:

Year: 2012
Gen EPA ID: CAC002687143

Shipment Date: 20120229
Creation Date: 8/3/2012 15:08:15
Receipt Date: 20120229
Manifest ID: 008106762JJK
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: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20120229
Creation Date: 8/3/2012 15:08:15
Receipt Date: 20120229
Manifest ID: 008106762JJK
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: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

San Bern. Co. Permit:

Name: PERFORMANCE TEAM BUILDING 22

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAYLESS SHOE STORES (Continued)

S113774515

Address: 26881 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Region: SAN BERNARDINO
Facility ID: FA0018127
Owner: Craig Kaplan
Permit Number: PT0039192
Permit Category: HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status: ACTIVE
Expiration Date: 12/31/2021

CERS:

Name: BUILDING 22 - PERFORMANCE TEAM
Address: 26881 PALMETTO AVE
City,State,Zip: REDLANDS, CA 92374
Site ID: 446155
CERS ID: 10778209
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 446155
Site Name: Building 22 - Performance Team
Violation Date: 10-30-2018
Citation: Un-Specified
Violation Description: Business Plan Program - Administration/Documentation - General Local Ordinance

Violation Notes: Returned to compliance on 06/04/2019. Failure to obtain and maintain a CUPA Hazardous Materials Handler permit (SBCC 23.0602(a)) OBSERVATION: Facility stores hazardous materials above the reportable quantities (55 gallons for liquids, 500 pounds for solids, and/or 200 cubic feet for compressed gases) and has not obtained a current hazardous material handler permit with this Division. CORRECTIVE ACTION: Submit payment for all required permits upon receipt of the invoice.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 446155
Site Name: Building 22 - Performance Team
Violation Date: 10-30-2018
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507

Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 06/04/2019. OBSERVATION: Facility has not established and implemented a business plan. CORRECTIVE ACTION: Establish and implement the business plan via California Environmental Reporting System (CERS).

Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 446155
Site Name: Building 22 - Performance Team
Violation Date: 10-30-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAYLESS SHOE STORES (Continued)

S113774515

Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 06/04/2019. OBSERVATION: Facility has not submit a business plan electronically. CORRECTIVE ACTION: Electronically submit an accurate and complete business plan via California Environmental Reporting System (CERS).

Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-30-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 446155
Site Name: Building 22 - Performance Team
Site Address: 26881 PALMETTO AVE
Site City: REDLANDS
Site Zip: 92374
Enf Action Date: 02-19-2020
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: FACILITY FAILED TO ELECTRONICALLY SUBMIT / UPDATE BUSINESS PLAN INFORMATION ANNUALLY USING THE STATEWIDE INFORMATION MANAGEMENT SYSTEM.

Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 446155
Facility Name: Building 22 - Performance Team
Env Int Type Code: HMBP
Program ID: 10778209
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.082990
Longitude: -117.219080

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Maurice Simpson
Entity Title: Director, Environmental Health and Safety
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAYLESS SHOE STORES (Continued)

S113774515

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Maurice Simpson
Entity Title:	Not reported
Affiliation Address:	5151 Eucalyptus Ave
Affiliation City:	Chino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91710
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401
Affiliation Type Desc:	Document Preparer
Entity Name:	Maurice Simpson
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Performance Team - Building 6
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	26881 Palmetto Ave
Affiliation City:	Redlands
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92374
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	CRAIG KAPLAN
Entity Title:	Not reported
Affiliation Address:	2240 East Maple Avenue

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAYLESS SHOE STORES (Continued)

S113774515

Affiliation City: El Segundo
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90245
Affiliation Phone: (562) 345-2200

HWTS:

Name: PAYLESS SHOE STORES
Address: 26881 PALMETTO AVE
Address 2: Not reported
City,State,Zip: REDLANDS, CA 92374
EPA ID: CAC002687143
Inactive Date: 08/28/2012
Create Date: 02/29/2012
Last Act Date: 02/29/2012
Mailing Name: Not reported
Mailing Address: 26881 PALMETTO AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: REDLANDS, CA 92374
Owner Name: PAYLESS SHOE STORES
Owner Address: 26881 PALMETTO AVE
Owner Address 2: Not reported
Owner City,State,Zip: REDLANDS, CA 92374
Contact Name: JAVIER LOPEZ
Contact Address: 26881 PALMETTO AVE
Contact Address 2: Not reported
City,State,Zip: REDLANDS, CA 92374

11
East
1/8-1/4
0.235 mi.
1243 ft.

AG-TEUNISSEN FARMING
9092 ALABAMA ST
REDLANDS, CA 92374

UST U003785068
N/A

Relative:
Higher
Actual:
1218 ft.

UST:
Name: AG-TEUNISSEN FARMING
Address: 9092 ALABAMA ST
City,State,Zip: REDLANDS, CA 92374
Facility ID: 88015440
Permitting Agency: SAN BERNARDINO COUNTY
Latitude: 34.089741
Longitude: -117.20894

12
NNW
1/2-1
0.671 mi.
3543 ft.

FORMER SKEET RANGE NO. 1
SAN BERNARDINO, CA

UXO 1024717552
N/A

Relative:
Lower
Actual:
1148 ft.

UXO:
DoD Component: Air Force
Installation Name: NORTON
Name: FORMER SKEET RANGE NO. 1
Address: Not reported
Address 2: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER SKEET RANGE NO. 1 (Continued)

1024717552

City,State,Zip: SAN BERNARDINO, CA
 Site ID: SR400
 Site Type: Small Arms Range
 Latitude: 34.097424
 Longitude: -117.221660

13
North
1/2-1
0.916 mi.
4839 ft.

FORMER SKEET RANGE NO. 2
SAN BERNARDINO, CA

UXO 1024717560
N/A

Relative:
Lower
Actual:
1174 ft.

UXO:
 DoD Component: Air Force
 Installation Name: NORTON
 Name: FORMER SKEET RANGE NO. 2
 Address: Not reported
 Address 2: Not reported
 City,State,Zip: SAN BERNARDINO, CA
 Site ID: SR401
 Site Type: Small Arms Range
 Latitude: 34.101683
 Longitude: -117.214585

Count: 6 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
REDLANDS	S126984098	ALABAMA STREET ILLEGAL DISPOSAL SI	ALABAMA ST. AND PIONEER AVE.	92374	SWF/LF
REDLANDS	1007443890	CALIFORNIA STREET LANDFILL	N END OF CALIFORNIA STREET		ODI
REDLANDS & VICINITY	S105960464	CRAFTON-REDLANDS AREA	BUNKER HILL GROUND WATER SUB-B	92374	CA BOND EXP. PLAN
SAN BERNARDINO	S108985941	U.S. AIR FORCE - NORTON AFB (FORME	MILL STREET		CPS-SLIC
SAN BERNARDINO	S108543100	SOUTHERN PACIFIC RAIL YARD	NA MILL STREET		CPS-SLIC, CERS
SAN BERNARDINO	S104747455	CHARTER LEASING	265 MILL ST	92408	LUST, HIST CORTESE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 08/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: N/A
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 08/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

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

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/30/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly 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: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

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: 04/27/2021	Source: EPA
Date Data Arrived at EDR: 05/03/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 08/04/2021
Number of Days to Update: 16	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021	Source: EPA
Date Data Arrived at EDR: 03/23/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	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: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/10/2021	Source: Department of the Navy
Date Data Arrived at EDR: 05/13/2021	Telephone: 843-820-7326
Date Made Active in Reports: 08/03/2021	Last EDR Contact: 08/05/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/22/2021
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/17/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 703-603-0695
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/17/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 703-603-0695
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 05/21/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/06/2021
	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: 06/14/2021
Date Data Arrived at EDR: 06/17/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 61

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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: 04/23/2021
Date Data Arrived at EDR: 04/23/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/22/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an 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: 05/10/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 77

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	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	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

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: 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: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

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

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

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: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003	Source: California Regional Water Quality Control Board, North Coast Region (1)
Date Data Arrived at EDR: 04/07/2003	Telephone: 707-576-2220
Date Made Active in Reports: 04/25/2003	Last EDR Contact: 08/01/2011
Number of Days to Update: 18	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	Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-286-0457
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/18/2006	Telephone: 805-549-3147
Date Made Active in Reports: 06/15/2006	Last EDR Contact: 07/18/2011
Number of Days to Update: 28	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	Source: Region Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 11/18/2004	Telephone: 213-576-6600
Date Made Active in Reports: 01/04/2005	Last EDR Contact: 07/01/2011
Number of Days to Update: 47	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	Source: Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 04/05/2005	Telephone: 916-464-3291
Date Made Active in Reports: 04/21/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 16	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/05/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-327-7844
Date Made Active in Reports: 04/01/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/08/2021	Source: SWRCB
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-341-5851
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	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: 06/08/2021
Number of Days to Update: 69	Next Scheduled EDR Contact: 09/27/2021
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-9424
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2020	Source: EPA Region 10
Date Data Arrived at EDR: 12/16/2020	Telephone: 206-553-2857
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2020	Source: EPA, Region 1
Date Data Arrived at EDR: 12/16/2020	Telephone: 617-918-1313
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/01/2020	Source: EPA Region 9
Date Data Arrived at EDR: 12/16/2020	Telephone: 415-972-3368
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/07/2020	Source: EPA Region 5
Date Data Arrived at EDR: 12/16/2020	Telephone: 312-886-6136
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 06/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6137
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/23/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/23/2021	Telephone: 916-323-3400
Date Made Active in Reports: 07/12/2021	Last EDR Contact: 07/22/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/08/2021
	Data Release Frequency: Quarterly

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: 06/15/2021
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: No Update Planned

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: No Update Planned

State and tribal Brownfields 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: 03/22/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/23/2021	Telephone: 916-323-7905
Date Made Active in Reports: 06/10/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/10/2021	Telephone: 202-566-2777
Date Made Active in Reports: 08/17/2021	Last EDR Contact: 06/10/2021
Number of Days to Update: 68	Next Scheduled EDR Contact: 09/27/2021
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 07/20/2021
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/08/2021
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/09/2021	Source: Department of Conservation
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-323-3836
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 11/23/2020	Telephone: 916-341-6422
Date Made Active in Reports: 02/08/2021	Last EDR Contact: 08/17/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/22/2021
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 07/20/2021
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/08/2021
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/13/2021
Number of Days to Update: 137	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/20/2021
Number of Days to Update: 176	Next Scheduled EDR Contact: 11/08/2021
	Data Release Frequency: Varies

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: 05/18/2021	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 05/18/2021	Telephone: 202-307-1000
Date Made Active in Reports: 08/03/2021	Last EDR Contact: 08/17/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 12/06/2021
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	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: 04/23/2021	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/23/2021	Telephone: 916-323-3400
Date Made Active in Reports: 07/12/2021	Last EDR Contact: 07/22/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/08/2021
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/20/2021	Telephone: 916-255-6504
Date Made Active in Reports: 04/08/2021	Last EDR Contact: 08/10/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Varies

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: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

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

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: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 02/24/2021
Date Data Arrived at EDR: 02/24/2021
Date Made Active in Reports: 05/14/2021
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/14/2021
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

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

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
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: 05/28/2021	Source: DTSC and SWRCB
Date Data Arrived at EDR: 05/28/2021	Telephone: 916-323-3400
Date Made Active in Reports: 08/20/2021	Last EDR Contact: 05/28/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/22/2021	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/24/2021	Telephone: 202-366-4555
Date Made Active in Reports: 06/17/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/04/2021	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/20/2021	Telephone: 916-845-8400
Date Made Active in Reports: 07/07/2021	Last EDR Contact: 07/15/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021	Source: State Water Quality Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	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: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (415) 495-8895
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/04/2021	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 05/18/2021	Telephone: 202-528-4285
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 08/17/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 11/29/2021
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/13/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/25/2021
	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: 07/09/2021
Number of Days to Update: 574	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

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: 08/06/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: No Update Planned

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: 08/06/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

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: 08/17/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 87

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/19/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/07/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: 202-564-6023
Date Made Active in Reports: 03/05/2021	Last EDR Contact: 08/04/2021
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/15/2021
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020	Source: EPA
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-566-0500
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 07/09/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	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: 06/29/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: No Update Planned

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: 03/08/2021	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/11/2021	Telephone: 301-415-7169
Date Made Active in Reports: 05/11/2021	Last EDR Contact: 07/14/2021
Number of Days to Update: 61	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019	Source: Department of Energy
Date Data Arrived at EDR: 12/01/2020	Telephone: 202-586-8719
Date Made Active in Reports: 02/09/2021	Last EDR Contact: 05/27/2021
Number of Days to Update: 70	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	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: 05/27/2021
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	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: 08/06/2021
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/15/2021
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	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: 06/22/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: No Update Planned

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: 07/23/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

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: 08/12/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 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: No Update Planned

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: No Update Planned

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 05/27/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 14

Source: DOL, Mine Safety & Health Administration
Telephone: 202-693-9424
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 09/13/2021
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: 05/03/2021
Date Data Arrived at EDR: 05/25/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 78

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/06/2021
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: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 62

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/14/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/18/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/04/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/25/2021
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018	Source: Department of Defense
Date Data Arrived at EDR: 07/02/2020	Telephone: 703-704-1564
Date Made Active in Reports: 09/17/2020	Last EDR Contact: 07/07/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 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: 05/21/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/06/2021
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 05/14/2021	Source: EPA
Date Data Arrived at EDR: 05/14/2021	Telephone: 800-385-6164
Date Made Active in Reports: 08/03/2021	Last EDR Contact: 08/13/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 11/29/2021
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	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: 03/22/2021	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 03/23/2021	Telephone: 916-323-3400
Date Made Active in Reports: 06/10/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/14/2019	Telephone: 925-454-2361
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 08/13/2021
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/22/2021
	Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 84

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 08/05/2021
Number of Days to Update: 78

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/16/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/13/2021
Date Data Arrived at EDR: 05/13/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 74

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 74

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/27/2021
Number of Days to Update: 74

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 04/05/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
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: 03/08/2021	Source: Department of Conservation
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-322-1080
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/06/2021	Source: Department of Public Health
Date Data Arrived at EDR: 05/28/2021	Telephone: 916-558-1784
Date Made Active in Reports: 08/20/2021	Last EDR Contact: 05/28/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/10/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/11/2021	Telephone: 916-445-9379
Date Made Active in Reports: 07/27/2021	Last EDR Contact: 08/13/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/22/2021
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 05/28/2021	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 05/28/2021	Telephone: 916-445-4038
Date Made Active in Reports: 08/20/2021	Last EDR Contact: 05/28/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/13/2021
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/09/2021	Source: Department of Conservation
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-323-3836
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/04/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

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

Date of Government Version: 03/12/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/16/2021	Telephone: 916-445-3846
Date Made Active in Reports: 06/01/2021	Last EDR Contact: 06/08/2021
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/27/2021
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/08/2021	Source: Department of Conservation
Date Data Arrived at EDR: 03/09/2021	Telephone: 916-445-2408
Date Made Active in Reports: 03/31/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 03/08/2021	Source: State Water Resource Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 01/07/2020	Telephone: 559-445-5577
Date Made Active in Reports: 03/09/2020	Last EDR Contact: 07/01/2021
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/18/2021
	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: 08/10/2021
Number of Days to Update: 9	Next Scheduled EDR Contact: 11/29/2021
	Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009	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: 06/15/2021
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 03/08/2021	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/09/2021	Telephone: 866-480-1028
Date Made Active in Reports: 03/30/2021	Last EDR Contact: 06/03/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 05/19/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 08/12/2021
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 05/19/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/19/2021
Date Data Arrived at EDR: 04/20/2021
Date Made Active in Reports: 07/07/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
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: 03/08/2021

Date Data Arrived at EDR: 03/09/2021

Date Made Active in Reports: 03/30/2021

Number of Days to Update: 21

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 06/03/2021

Next Scheduled EDR Contact: 09/20/2021

Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/08/2021

Date Data Arrived at EDR: 03/09/2021

Date Made Active in Reports: 03/30/2021

Number of Days to Update: 21

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 06/03/2021

Next Scheduled EDR Contact: 09/20/2021

Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/08/2021

Date Data Arrived at EDR: 03/09/2021

Date Made Active in Reports: 03/30/2021

Number of Days to Update: 21

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 06/03/2021

Next Scheduled EDR Contact: 09/20/2021

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: 06/30/2021

Next Scheduled EDR Contact: 10/18/2021

Data Release Frequency: No Update Planned

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: 04/08/2021

Date Data Arrived at EDR: 04/09/2021

Date Made Active in Reports: 04/20/2021

Number of Days to Update: 11

Source: Department of Toxic Substances Control

Telephone: 916-324-2444

Last EDR Contact: 06/29/2021

Next Scheduled EDR Contact: 10/18/2021

Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014

Date Data Arrived at EDR: 01/06/2015

Date Made Active in Reports: 05/06/2015

Number of Days to Update: 120

Source: EPA

Telephone: 202-564-2496

Last EDR Contact: 06/30/2021

Next Scheduled EDR Contact: 10/18/2021

Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/27/2021
Next Scheduled EDR Contact: 09/06/2021
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
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 03/17/2021
Date Data Arrived at EDR: 03/18/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 7

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
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: 02/02/2021
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 78

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 07/02/2021
Number of Days to Update: 16

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 04/21/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 81

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
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: 12/17/2020
Date Data Arrived at EDR: 01/28/2021
Date Made Active in Reports: 04/16/2021
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/12/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 75

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/14/2021
Date Data Arrived at EDR: 01/15/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 80

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 05/20/2021
Number of Days to Update: 2

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
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: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 04/22/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 07/06/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 6

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 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: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LAKE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 05/10/2021
Date Data Arrived at EDR: 05/12/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 75

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/08/2021
Date Data Arrived at EDR: 04/13/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 76

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/29/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/12/2021
Date Data Arrived at EDR: 04/13/2021
Date Made Active in Reports: 06/28/2021
Number of Days to Update: 76

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2021
Date Data Arrived at EDR: 02/18/2021
Date Made Active in Reports: 05/10/2021
Number of Days to Update: 81

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
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: 06/17/2021
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 02/04/2021	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 04/16/2021	Telephone: 626-458-6973
Date Made Active in Reports: 04/21/2021	Last EDR Contact: 07/12/2021
Number of Days to Update: 5	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 04/19/2021	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/17/2021	Telephone: 213-978-3800
Date Made Active in Reports: 06/28/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 11	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019	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: 06/17/2021
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/02/2021	Source: Community Health Services
Date Data Arrived at EDR: 04/16/2021	Telephone: 323-890-7806
Date Made Active in Reports: 07/06/2021	Last EDR Contact: 07/09/2021
Number of Days to Update: 81	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	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: 07/06/2021
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/25/2021
	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: 07/13/2021
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/02/2021	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 04/28/2021	Telephone: 310-618-2973
Date Made Active in Reports: 07/13/2021	Last EDR Contact: 07/13/2021
Number of Days to Update: 76	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	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: 08/10/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 11/29/2021
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	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: 06/22/2021
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: No Update Planned

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/24/2021	Source: Department of Public Health
Date Data Arrived at EDR: 04/07/2021	Telephone: 707-463-4466
Date Made Active in Reports: 06/24/2021	Last EDR Contact: 08/17/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 12/06/2021
	Data Release Frequency: Annually

MERCED COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 05/13/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 07/26/2021
Number of Days to Update: 73

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/09/2021
Next Scheduled EDR Contact: 11/28/2021
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: 08/17/2021
Next Scheduled EDR Contact: 12/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/23/2021
Date Data Arrived at EDR: 06/23/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 1

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
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: 04/28/2021
Date Data Arrived at EDR: 04/29/2021
Date Made Active in Reports: 07/15/2021
Number of Days to Update: 77

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 05/12/2021
Number of Days to Update: 9

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/29/2021
Date Data Arrived at EDR: 04/30/2021
Date Made Active in Reports: 07/19/2021
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 06/01/2021
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
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: 06/29/2021

Date Data Arrived at EDR: 06/30/2021

Date Made Active in Reports: 07/14/2021

Number of Days to Update: 14

Source: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 06/08/2021

Next Scheduled EDR Contact: 09/27/2021

Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 06/29/2021

Date Data Arrived at EDR: 06/30/2021

Date Made Active in Reports: 07/14/2021

Number of Days to Update: 14

Source: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 06/07/2021

Next Scheduled EDR Contact: 09/27/2021

Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 03/30/2021

Date Data Arrived at EDR: 04/01/2021

Date Made Active in Reports: 06/23/2021

Number of Days to Update: 83

Source: Sacramento County Environmental Management

Telephone: 916-875-8406

Last EDR Contact: 07/01/2021

Next Scheduled EDR Contact: 10/11/2021

Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 03/30/2021

Date Data Arrived at EDR: 04/01/2021

Date Made Active in Reports: 06/25/2021

Number of Days to Update: 85

Source: Sacramento County Environmental Management

Telephone: 916-875-8406

Last EDR Contact: 08/04/2021

Next Scheduled EDR Contact: 10/11/2021

Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 04/28/2021

Date Data Arrived at EDR: 04/29/2021

Date Made Active in Reports: 05/03/2021

Number of Days to Update: 4

Source: San Benito County Environmental Health

Telephone: N/A

Last EDR Contact: 07/26/2021

Next Scheduled EDR Contact: 11/15/2021

Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/19/2021
Date Data Arrived at EDR: 05/19/2021
Date Made Active in Reports: 06/07/2021
Number of Days to Update: 19

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 05/28/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 84

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/28/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
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: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
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: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/07/2021
Date Made Active in Reports: 07/23/2021
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/08/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: No Update Planned

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 05/07/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 05/14/2021
Number of Days to Update: 3

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/02/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: No Update Planned

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: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 02/24/2021
Date Data Arrived at EDR: 02/26/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 82

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 07/27/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
Data Release Frequency: No Update Planned

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/23/2021
Date Data Arrived at EDR: 03/25/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 77

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 09/12/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List Cupa Facility list

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: 06/28/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2021
Date Data Arrived at EDR: 04/01/2021
Date Made Active in Reports: 06/23/2021
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/17/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 78

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/06/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks Underground storage tank sites located in Sutter county.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 05/26/2021
Date Made Active in Reports: 08/18/2021
Number of Days to Update: 84

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/25/2021
Next Scheduled EDR Contact: 09/13/2021
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: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 04/14/2021
Date Data Arrived at EDR: 04/15/2021
Date Made Active in Reports: 07/06/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

TULARE COUNTY:

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: 08/10/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/29/2021
Date Data Arrived at EDR: 04/22/2021
Date Made Active in Reports: 07/12/2021
Number of Days to Update: 81

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/04/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/29/2021
Date Data Arrived at EDR: 04/21/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 2

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/15/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/04/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2021	Source: Yolo County Department of Health
Date Data Arrived at EDR: 04/01/2021	Telephone: 530-666-8646
Date Made Active in Reports: 06/23/2021	Last EDR Contact: 06/22/2021
Number of Days to Update: 83	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 04/21/2021	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 04/22/2021	Telephone: 530-749-7523
Date Made Active in Reports: 05/12/2021	Last EDR Contact: 07/20/2021
Number of Days to Update: 20	Next Scheduled EDR Contact: 11/08/2021
	Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 03/24/2021	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/11/2021	Telephone: 860-424-3375
Date Made Active in Reports: 07/28/2021	Last EDR Contact: 08/10/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/22/2021
	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: 07/09/2021
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/29/2020	Telephone: 518-402-8651
Date Made Active in Reports: 07/10/2020	Last EDR Contact: 07/29/2021
Number of Days to Update: 72	Next Scheduled EDR Contact: 11/08/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/11/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

VACANT PROPERTY REDLANDS CA
27050 PALMETTO AVE
REDLANDS, CA 92374

TARGET PROPERTY COORDINATES

Latitude (North):	34.087609 - 34° 5' 15.39"
Longitude (West):	117.215378 - 117° 12' 55.36"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	480130.3
UTM Y (Meters):	3771696.2
Elevation:	1193 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630631 REDLANDS, CA
Version Date:	2012

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).

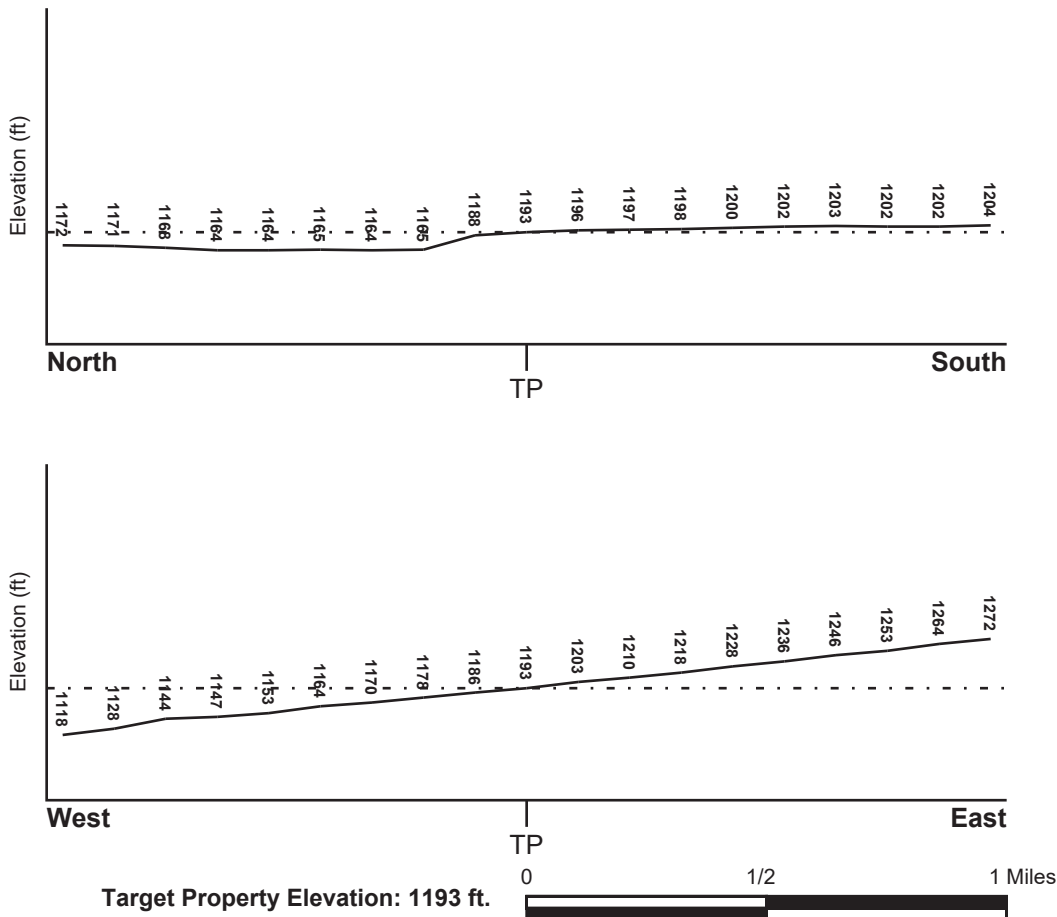
TOPOGRAPHIC INFORMATION

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 NW

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>
06071C8704H	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06071C8701H	FEMA FIRM Flood data
06071C8702H	FEMA FIRM Flood data
06071C8703H	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

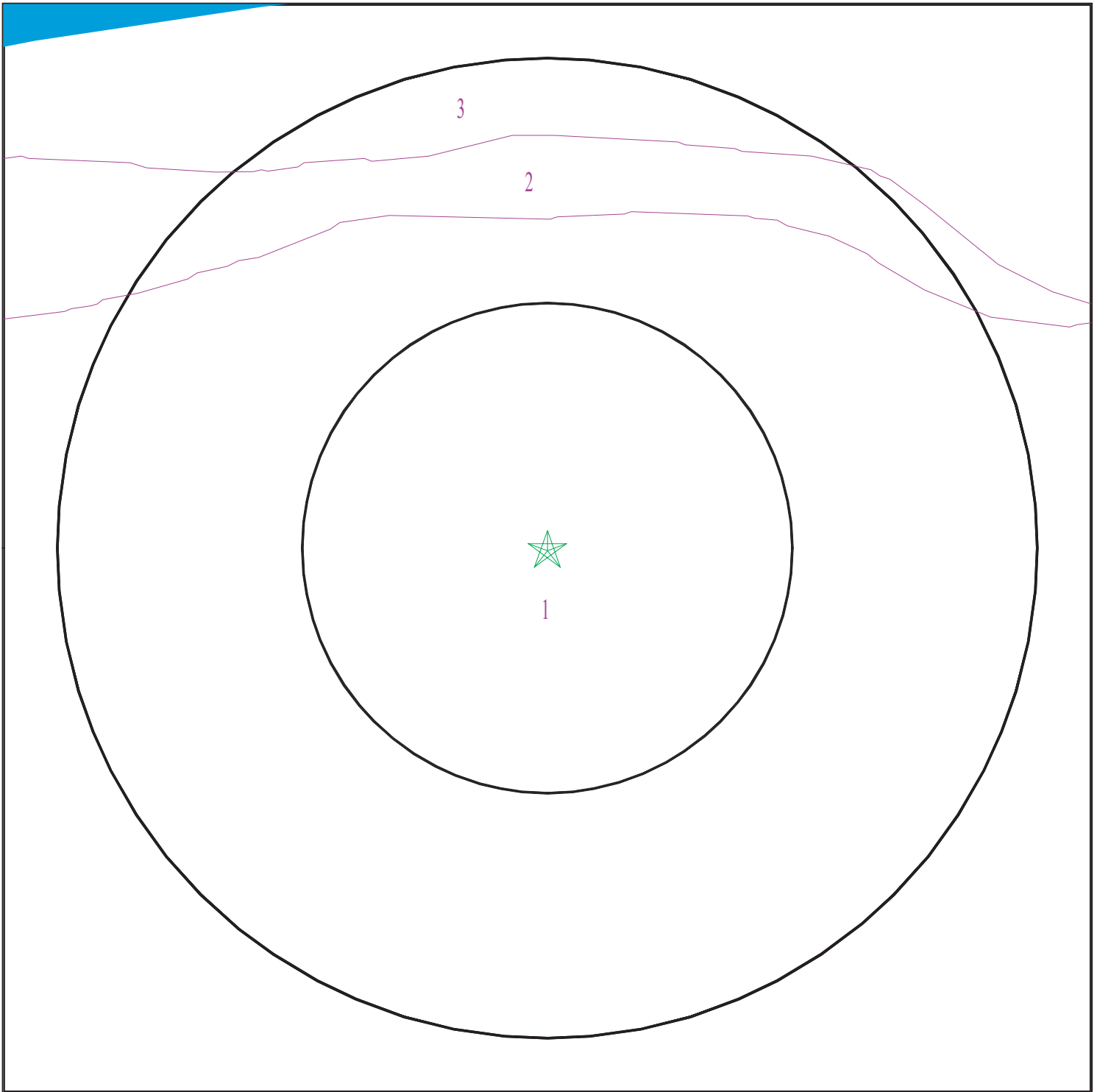
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

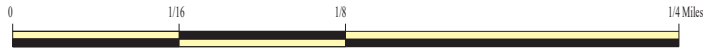
Category: Stratified Sequence

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 - 6630553.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Vacant Property Redlands CA
ADDRESS: 27050 PALMETTO AVE
REDLANDS CA 92374
LAT/LONG: 34.087609 / 117.215378

CLIENT: V3 Companies of IL, LTD
CONTACT: Elaine Petkovsek
INQUIRY #: 6630553.2s
DATE: August 23, 2021 8:57 am

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: HANFORD

Soil Surface Texture: 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: Moderate

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	11 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	11 inches	59 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6

Soil Map ID: 2

Soil Component Name: TUJUNGA

Soil Surface Texture: gravelly loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

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	18 inches	gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1
2	18 inches	59 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.1

Soil Map ID: 3

Soil Component Name: FLUVENTS

Soil Surface Texture: gravelly sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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 sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	9 inches	29 inches	stratified gravelly sand to gravelly loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	29 inches	59 inches	stratified gravelly sand to gravelly loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

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.

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>
_____	_____	_____

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000140844	1/8 - 1/4 Mile WNW
C7	USGS40000140794	1/8 - 1/4 Mile SE
C9	USGS40000140793	1/8 - 1/4 Mile SE
14	USGS40000140876	1/4 - 1/2 Mile NW
F18	USGS40000140787	1/4 - 1/2 Mile ESE
F22	USGS40000140786	1/4 - 1/2 Mile ESE
G24	USGS40000140735	1/4 - 1/2 Mile SSW
H27	USGS40000140879	1/2 - 1 Mile WNW
J36	USGS40000140701	1/2 - 1 Mile SSE
L42	USGS40000140739	1/2 - 1 Mile ESE
44	USGS40000140972	1/2 - 1 Mile NW
M45	USGS40000140632	1/2 - 1 Mile South
M46	USGS40000140633	1/2 - 1 Mile South
M47	USGS40000140634	1/2 - 1 Mile South
N52	USGS40000140827	1/2 - 1 Mile East
M54	USGS40000140616	1/2 - 1 Mile South
O58	USGS40000140745	1/2 - 1 Mile ESE
59	USGS40000140657	1/2 - 1 Mile SE
60	USGS40000140614	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

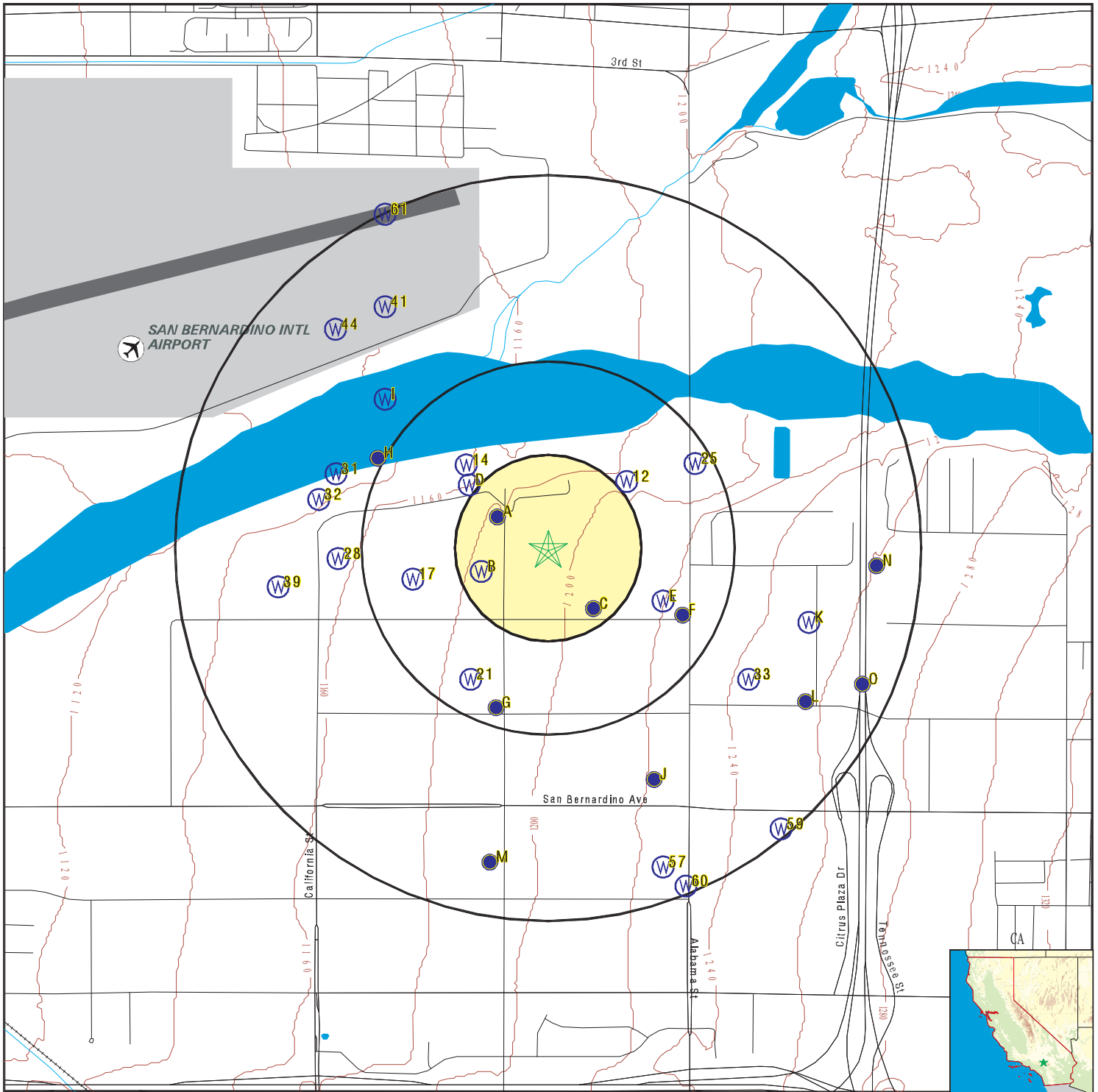
MAP ID	WELL ID	LOCATION FROM TP
A2	CAEDF0000049672	1/8 - 1/4 Mile WNW
A3	CADWR9000006721	1/8 - 1/4 Mile WNW
B4	CAEDF0000073447	1/8 - 1/4 Mile WSW
A5	CAEDF0000115531	1/8 - 1/4 Mile NW
B6	CAEDF0000038142	1/8 - 1/4 Mile WSW
C8	CAUSGSN00002457	1/8 - 1/4 Mile SE
D10	CADWR0000020562	1/4 - 1/2 Mile NW
D11	CADWR0000033760	1/4 - 1/2 Mile NW
12	CAEDF0000036533	1/4 - 1/2 Mile NE
D13	CAUSGSN00000154	1/4 - 1/2 Mile NW
E15	CADWR0000015864	1/4 - 1/2 Mile ESE
E16	CADWR9000006699	1/4 - 1/2 Mile ESE
17	CAEDF0000106868	1/4 - 1/2 Mile WSW
F19	CAUSGSN00004493	1/4 - 1/2 Mile ESE
F20	CADWR0000006174	1/4 - 1/2 Mile ESE
21	CADWR0000007461	1/4 - 1/2 Mile SSW
G23	CAUSGSN00004485	1/4 - 1/2 Mile SSW
25	CAEDF0000050677	1/4 - 1/2 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

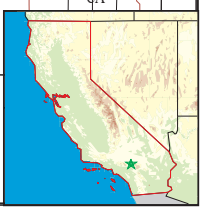
MAP ID	WELL ID	LOCATION FROM TP
H26	CAUSGSN00003039	1/2 - 1 Mile WNW
28	CAEDF0000038389	1/2 - 1 Mile West
I29	CADWR0000007515	1/2 - 1 Mile NW
I30	CADWR0000007516	1/2 - 1 Mile NW
31	CAEDF0000009634	1/2 - 1 Mile WNW
32	CAEDF0000123188	1/2 - 1 Mile WNW
33	CADWR0000007430	1/2 - 1 Mile ESE
J34	CADWR0000031374	1/2 - 1 Mile SSE
J35	CADWR0000000975	1/2 - 1 Mile SSE
J37	CAUSGSN00017827	1/2 - 1 Mile SSE
K38	18784	1/2 - 1 Mile ESE
39	CADWR0000001438	1/2 - 1 Mile West
K40	CADDW0000014763	1/2 - 1 Mile ESE
41	CADWR0000000216	1/2 - 1 Mile NW
L43	CAUSGSN00003719	1/2 - 1 Mile ESE
M48	CAUSGSN00009266	1/2 - 1 Mile South
M49	CAUSGSN00003876	1/2 - 1 Mile South
M50	CAUSGSN00014192	1/2 - 1 Mile South
M51	CADWR0000018286	1/2 - 1 Mile SSW
N53	CAUSGSN00001221	1/2 - 1 Mile East
O55	CADWR0000024116	1/2 - 1 Mile ESE
O56	CADWR0000032543	1/2 - 1 Mile ESE
57	CADWR0000037282	1/2 - 1 Mile SSE
61	CADWR0000013479	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 6630553.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- 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: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS CA 92374
 LAT/LONG: 34.087609 / 117.215378

CLIENT: V3 Companies of IL, LTD
 CONTACT: Elaine Petkovsek
 INQUIRY #: 6630553.2s
 DATE: August 23, 2021 8:57 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
WNW
1/8 - 1/4 Mile
Lower

FED USGS USGS40000140844

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	Not Reported
Monitor Location:	001S003W17C005S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Aquifer Type:	Not Reported
Contrib Drainage Area:	Not Reported	Well Depth:	320
Aquifer:	California Coastal Basin aquifers	Well Hole Depth:	320
Formation Type:	Not Reported		
Construction Date:	20030310		
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	4	Level reading date:	2004-10-25
Feet below surface:	192.64	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-04-21	Feet below surface:	180.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-23	Feet below surface:	183.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-06	Feet below surface:	177.43
Feet to sea level:	Not Reported	Note:	Not Reported

A2
WNW
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000049672

Well ID:	L10004733296-B-11	Well Type:	MONITORING
Source:	EDF	Other Name:	B-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004733296&assigned_name=B-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004733296&assigned_name=B-11		

A3
WNW
1/8 - 1/4 Mile
Lower

CA WELLS CADWR9000006721

State Well #:	01S03W17C005S	Station ID:	25824
Well Name:	Not Reported	Basin Name:	San Bernardino
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B4
WSW
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000073447

Well ID:	L10004733296-B-12	Well Type:	MONITORING
Source:	EDF	Other Name:	B-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004733296&assigned_name=B-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004733296&assigned_name=B-12		

A5
NW
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000115531

Well ID:	L10004733296-PH 1 SUMP	Well Type:	MONITORING
Source:	EDF	Other Name:	PH 1 SUMP
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004733296&assigned_name=PH 1 SUMP&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004733296&assigned_name=PH 1 SUMP		

B6
WSW
1/8 - 1/4 Mile
Lower

CA WELLS CAEDF0000038142

Well ID:	L10004733296-PH 2 SUMP	Well Type:	MONITORING
Source:	EDF	Other Name:	PH 2 SUMP
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004733296&assigned_name=PH 2 SUMP&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004733296&assigned_name=PH 2 SUMP		

C7
SE
1/8 - 1/4 Mile
Higher

FED USGS USGS40000140794

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W17H005S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19630101	Well Depth:	590
Well Depth Units:	ft	Well Hole Depth:	600

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth Units: ft

**C8
SE
1/8 - 1/4 Mile
Higher**

CA WELLS CAUSGSN00002457

Well ID:	USGS-340507117124501	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340507117124501	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340507117124501&store_num=		
GeoTracker Data:	Not Reported		

**C9
SE
1/8 - 1/4 Mile
Higher**

FED USGS USGS40000140793

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W17H003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19340101	Well Depth:	286
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

**D10
NW
1/4 - 1/2 Mile
Lower**

CA WELLS CADWR0000020562

Well ID:	01S03W17C002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W17C002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W17C002S&store_num=		
GeoTracker Data:	Not Reported		

**D11
NW
1/4 - 1/2 Mile
Lower**

CA WELLS CADWR0000033760

Well ID:	01S03W17C003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W17C003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W17C003S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

12
NE
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000036533

Well ID:	L10004733296-B-10C	Well Type:	MONITORING
Source:	EDF	Other Name:	B-10C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004733296&assigned_name=B-10C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004733296&assigned_name=B-10C		

D13
NW
1/4 - 1/2 Mile
Lower

CA WELLS CAUSGSN00000154

Well ID:	USGS-340527117130601	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340527117130601	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340527117130601&store_num=		
GeoTracker Data:	Not Reported		

14
NW
1/4 - 1/2 Mile
Lower

FED USGS USGS40000140876

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W17C003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19560101	Well Depth:	296
Well Depth Units:	ft	Well Hole Depth:	296
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	2003-06-11
Feet below surface:	167.83	Feet to sea level:	Not Reported
Note:	Not Reported		

E15
ESE
1/4 - 1/2 Mile
Higher

CA WELLS CADWR0000015864

Well ID:	01S03W17H003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W17H003S	GAMA PFAS Testing:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W17H003S&store_num=
 GeoTracker Data: Not Reported

**E16
ESE
1/4 - 1/2 Mile
Higher**

CA WELLS CADWR9000006699

State Well #:	01S03W17H001S	Station ID:	6588
Well Name:	Not Reported	Basin Name:	San Bernardino
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**17
WSW
1/4 - 1/2 Mile
Lower**

CA WELLS CAEDF0000106868

Well ID:	L10004733296-B-13	Well Type:	MONITORING
Source:	EDF	Other Name:	B-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004733296&assigned_name=B-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004733296&assigned_name=B-13		

**F18
ESE
1/4 - 1/2 Mile
Higher**

FED USGS USGS40000140787

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W17H008S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**F19
ESE
1/4 - 1/2 Mile
Higher**

CA WELLS CAUSGSN00004493

Well ID:	USGS-340506117123001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340506117123001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340506117123001&store_num=		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: Not Reported

F20
ESE
1/4 - 1/2 Mile
Higher

CA WELLS CADWR0000006174

Well ID:	01S03W17H001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W17H001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W17H001S&store_num=		
GeoTracker Data:	Not Reported		

21
SSW
1/4 - 1/2 Mile
Lower

CA WELLS CADWR0000007461

Well ID:	01S03W17L001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W17L001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W17L001S&store_num=		
GeoTracker Data:	Not Reported		

F22
ESE
1/4 - 1/2 Mile
Higher

FED USGS USGS40000140786

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W17H001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19260908	Well Depth:	182.5
Well Depth Units:	ft	Well Hole Depth:	220
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	166	Level reading date:	2004-10-25
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was dry (no water level recorded).		

Level reading date:	2004-04-20	Feet below surface:	Not Reported
Feet to sea level:	Not Reported		
Note:	The site was dry (no water level recorded).		

Level reading date:	2003-10-23	Feet below surface:	Not Reported
Feet to sea level:	Not Reported		
Note:	The site was dry (no water level recorded).		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2003-04-22	Feet below surface:	Not Reported
Feet to sea level:	Not Reported		
Note:	The site was dry (no water level recorded).		
Level reading date:	2002-10-30	Feet below surface:	Not Reported
Feet to sea level:	Not Reported		
Note:	The site was dry (no water level recorded).		
Level reading date:	2002-04-08	Feet below surface:	161.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-10-23	Feet below surface:	159.13
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	2001-04-16	Feet below surface:	142.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-24	Feet below surface:	145.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-12	Feet below surface:	130.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-18	Feet below surface:	130.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-04-14	Feet below surface:	117.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-19	Feet below surface:	123.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-14	Feet below surface:	124.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-27	Feet below surface:	141.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-14	Feet below surface:	129.56
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-10-07	Feet below surface:	138.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-22	Feet below surface:	125.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-10-24	Feet below surface:	135.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-18	Feet below surface:	126.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-10-25	Feet below surface:	154.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-20	Feet below surface:	142.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-10-19	Feet below surface:	153.14

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1993-04-12	Feet below surface:	144.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-10-29	Feet below surface:	175.07
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1992-06-12	Feet below surface:	164.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-11-27	Feet below surface:	167.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-06-17	Feet below surface:	156.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-12-03	Feet below surface:	154.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-06-25	Feet below surface:	144.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-11-28	Feet below surface:	140.71
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1989-09-21	Feet below surface:	138.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-11-22	Feet below surface:	125.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-07-06	Feet below surface:	117.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-12-08	Feet below surface:	106.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-06-17	Feet below surface:	100.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-11-20	Feet below surface:	98.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-06-19	Feet below surface:	88.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1986-01-15	Feet below surface:	84.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-05-29	Feet below surface:	198.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-04-26	Feet below surface:	198.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1963-03-20	Feet below surface:	200.6
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1963-02-28	Feet below surface:	204.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-10-25	Feet below surface:	199.3
Feet to sea level:	Not Reported	Note:	A nearby site that taps the same aquifer was flowing.
Level reading date:	1962-09-18	Feet below surface:	196.2
Feet to sea level:	Not Reported	Note:	A nearby site that taps the same aquifer was flowing.
Level reading date:	1962-07-25	Feet below surface:	184.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-06-28	Feet below surface:	184.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-05-28	Feet below surface:	183.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-04-16	Feet below surface:	180.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-03-26	Feet below surface:	180.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-03-01	Feet below surface:	186.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1962-01-16	Feet below surface:	186.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-12-21	Feet below surface:	178.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-09-28	Feet below surface:	193.3
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-08-10	Feet below surface:	192.9
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-07-13	Feet below surface:	192.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-06-15	Feet below surface:	188.3
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-05-25	Feet below surface:	188.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-04-16	Feet below surface:	184.6
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-03-13	Feet below surface:	187.8
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1961-02-20	Feet below surface:	173.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1961-01-25	Feet below surface:	184.5
Feet to sea level:	Not Reported	Note:	The site was being pumped.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1960-12-27	Feet below surface:	182.7
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1960-11-25	Feet below surface:	183.0
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1960-10-05	Feet below surface:	188.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1960-07-05	Feet below surface:	168.5
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1960-03-24	Feet below surface:	152.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1960-02-03	Feet below surface:	155.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-08-06	Feet below surface:	161.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1959-06-10	Feet below surface:	154.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-04-14	Feet below surface:	147.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1959-03-13	Feet below surface:	143.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-12-20	Feet below surface:	157.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-11-13	Feet below surface:	149.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-09-10	Feet below surface:	144.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-07-19	Feet below surface:	128.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-06-12	Feet below surface:	128.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-05-09	Feet below surface:	131.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-04-10	Feet below surface:	144.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-03-10	Feet below surface:	152.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-02-10	Feet below surface:	155.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1958-01-11	Feet below surface:	158.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-11-07	Feet below surface:	163.1
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1957-03-21	Feet below surface:	147.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1957-02-20	Feet below surface:	150.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1956-09-18	Feet below surface:	161.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1956-01-17	Feet below surface:	150.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-12-06	Feet below surface:	148.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-09-08	Feet below surface:	167.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-08-05	Feet below surface:	185.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-07-08	Feet below surface:	197.2
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1955-06-09	Feet below surface:	175.5
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1955-05-04	Feet below surface:	157.8
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1954-04-17	Feet below surface:	119.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1954-02-09	Feet below surface:	128.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1953-12-31	Feet below surface:	140.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1953-10-26	Feet below surface:	135.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1952-05-09	Feet below surface:	97.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1952-03-12	Feet below surface:	111.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1952-01-23	Feet below surface:	118.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-08-06	Feet below surface:	121.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-05-10	Feet below surface:	111.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-03-06	Feet below surface:	106.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1950-03-07	Feet below surface:	90.6
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1950-01-09	Feet below surface:	95.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1949-11-01	Feet below surface:	99.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1949-09-08	Feet below surface:	97.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1949-06-03	Feet below surface:	89.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1949-03-28	Feet below surface:	80.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1948-12-18	Feet below surface:	88.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1948-07-09	Feet below surface:	82.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1948-05-27	Feet below surface:	82.7
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1948-04-20	Feet below surface:	78.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1948-03-15	Feet below surface:	75.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1948-01-24	Feet below surface:	76.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1947-10-24	Feet below surface:	78.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1947-08-30	Feet below surface:	87.2
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1947-07-17	Feet below surface:	85.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1947-04-12	Feet below surface:	65.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1947-01-24	Feet below surface:	59.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1946-10-10	Feet below surface:	83.1
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1946-07-05	Feet below surface:	67.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1946-04-16	Feet below surface:	57.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1945-03-29	Feet below surface:	51.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1945-01-09	Feet below surface:	57.0
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1945-01-04	Feet below surface:	58.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-03-31	Feet below surface:	52.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-01-04	Feet below surface:	60.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-04-03	Feet below surface:	51.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-01-06	Feet below surface:	65.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-09-30	Feet below surface:	69.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-07-04	Feet below surface:	63.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-04-06	Feet below surface:	54.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-12-29	Feet below surface:	55.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-09-29	Feet below surface:	62.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-07-30	Feet below surface:	58.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-04-28	Feet below surface:	49.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-04-04	Feet below surface:	51.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-01-04	Feet below surface:	65.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-09-30	Feet below surface:	85.4
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1940-07-03	Feet below surface:	66.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-03-22	Feet below surface:	57.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-02-27	Feet below surface:	59.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-01-02	Feet below surface:	66.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-11-29	Feet below surface:	68.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-10-31	Feet below surface:	68.4
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1939-09-28	Feet below surface:	69.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-07-31	Feet below surface:	67.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-03-30	Feet below surface:	59.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-02-25	Feet below surface:	60.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-01-03	Feet below surface:	64.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1938-07-16	Feet below surface:	76.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1935-07-19	Feet below surface:	97.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1935-04-16	Feet below surface:	90.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1935-02-26	Feet below surface:	94.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1935-01-12	Feet below surface:	99.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1934-10-24	Feet below surface:	104.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-12-16	Feet below surface:	87.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-11-15	Feet below surface:	99.0
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1932-09-12	Feet below surface:	87.1
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-07-12	Feet below surface:	87.4
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1932-05-11	Feet below surface:	76.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-03-11	Feet below surface:	80.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-02-15	Feet below surface:	86.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-01-14	Feet below surface:	88.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-12-10	Feet below surface:	92.7
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G23
SSW
1/4 - 1/2 Mile
Lower

CA WELLS CAUSGSN00004485

Well ID:	USGS-340453117130101	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340453117130101	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340453117130101&store_num=		
GeoTracker Data:	Not Reported		

G24
SSW
1/4 - 1/2 Mile
Lower

FED USGS USGS40000140735

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W17L001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19220101	Well Depth:	188
Well Depth Units:	ft	Well Hole Depth:	188
Well Hole Depth Units:	ft		

25
ENE
1/4 - 1/2 Mile
Lower

CA WELLS CAEDF0000050677

Well ID:	L10004733296-B-1C	Well Type:	MONITORING
Source:	EDF	Other Name:	B-1C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004733296&assigned_name=B-1C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004733296&assigned_name=B-1C		

H26
WNW
1/2 - 1 Mile
Lower

CA WELLS CAUSGSN00003039

Well ID:	USGS-340528117132101	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340528117132101	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340528117132101&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H27
WNW
1/2 - 1 Mile
Lower

FED USGS USGS40000140879

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	HOLE-11 LYSIMETER AT 90		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

28
West
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000038389

Well ID:	L10004733296-B-14	Well Type:	MONITORING
Source:	EDF	Other Name:	B-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004733296&assigned_name=B-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004733296&assigned_name=B-14		

I29
NW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000007515

Well ID:	01S03W08N002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W08N002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W08N002S&store_num=		
GeoTracker Data:	Not Reported		

I30
NW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000007516

Well ID:	01S03W08N003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W08N003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W08N003S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

31
WNW
1/2 - 1 Mile
Lower

CA WELLS CAEDF000009634

Well ID: L10004733296-CONDENSATE Well Type: MONITORING
 Source: EDF Other Name: CONDENSATE
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004733296&assigned_name=CONDENSATE&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004733296&assigned_name=CONDENSATE

32
WNW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000123188

Well ID: L10004733296-B-4R Well Type: MONITORING
 Source: EDF Other Name: B-4R
 GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10004733296&assigned_name=B-4R&store_num=
 GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10004733296&assigned_name=B-4R

33
ESE
1/2 - 1 Mile
Higher

CA WELLS CADWR000007430

Well ID: 01S03W16M001S Well Type: UNK
 Source: Department of Water Resources
 Other Name: 01S03W16M001S GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W16M001S&store_num=
 GeoTracker Data: Not Reported

J34
SSE
1/2 - 1 Mile
Higher

CA WELLS CADWR0000031374

Well ID: 01S03W17R001S Well Type: UNK
 Source: Department of Water Resources
 Other Name: 01S03W17R001S GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W17R001S&store_num=
 GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J35
SSE
1/2 - 1 Mile
Higher

CA WELLS CADWR0000000975

Well ID:	01S03W17R002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W17R002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W17R002S&store_num=		
GeoTracker Data:	Not Reported		

J36
SSE
1/2 - 1 Mile
Higher

FED USGS USGS40000140701

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W17R001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19130101	Well Depth:	360
Well Depth Units:	ft	Well Hole Depth:	360
Well Hole Depth Units:	ft		

J37
SSE
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00017827

Well ID:	USGS-340442117123601	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340442117123601	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340442117123601&store_num=		
GeoTracker Data:	Not Reported		

K38
ESE
1/2 - 1 Mile
Higher

CA WELLS 18784

Seq:	18784	Prim sta c:	3610037-054
Frds no:	3610037054	County:	36
District:	13	User id:	TAN
System no:	3610037	Water type:	G
Source nam:	CHURCH STREET WELL	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340505.0	Longitude:	1171210.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3610037	System nam:	Redlands City Mud-Water Div
Hqname:	Not Reported	Address:	PO BOX 3005
City:	REDLANDS	State:	CA
Zip:	92373	Zip ext:	Not Reported
Pop serv:	69300	Connection:	18447
Area serve:	REDLANDS		
Sample date:	15-FEB-18	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	28-DEC-17	Finding:	4.7671
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	30-NOV-17	Finding:	4.8948
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	21-NOV-17	Finding:	4.7321
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	16-NOV-17	Finding:	4.7993
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-NOV-17	Finding:	4.8689
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	26-OCT-17	Finding:	4.5855
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	19-OCT-17	Finding:	4.704
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-SEP-17	Finding:	4.6647
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	31-AUG-17	Finding:	440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	31-AUG-17	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	24-AUG-17	Finding:	4.6827
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	10-AUG-17	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	03-AUG-17	Finding:	4.5846
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-AUG-17	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	28-JUL-17	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-JUL-17	Finding:	4.6017
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	22-JUN-17	Finding:	4.9502
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-MAY-17	Finding:	4.4238
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-MAY-17	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	18-MAY-17	Finding:	2.3e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	18-MAY-17	Finding:	280.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	04-MAY-17	Finding:	4.3742
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-APR-17	Finding:	0.7
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	20-APR-17	Finding:	32.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	20-APR-17	Finding:	21.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	20-APR-17	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-APR-17	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	20-APR-17	Finding:	380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	20-APR-17	Finding:	0.16
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	20-APR-17	Finding:	58.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-APR-17	Finding:	13.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-APR-17	Finding:	14.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-APR-17	Finding:	2.1
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-APR-17	Finding:	6.55
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	20-APR-17	Finding:	0.412
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	20-APR-17	Finding:	1.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	20-APR-17	Finding:	200.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	14-APR-17	Finding:	4.4177
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	05-APR-17	Finding:	4.4468
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	30-MAR-17	Finding:	4.41
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	17-NOV-16	Finding:	4.1994
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	28-SEP-16	Finding:	4.203
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	22-SEP-16	Finding:	4.2091
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-SEP-16	Finding:	4.2371
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	08-SEP-16	Finding:	4.269
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	01-SEP-16	Finding:	4.3306
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-AUG-16	Finding:	4.3691
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-AUG-16	Finding:	4.4363
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	11-AUG-16	Finding:	4.4558
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	28-JUL-16	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	28-JUL-16	Finding:	400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	07-JUL-16	Finding:	3.5539
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	30-JUN-16	Finding:	4.4085
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	16-JUN-16	Finding:	2.9635
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-MAR-16	Finding:	3.1956
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	14-JAN-16	Finding:	3.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	14-JAN-16	Finding:	3.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	14-JAN-16	Finding:	2.9581
Chemical:	NITRATE (AS N)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.4		
Sample date:	01-OCT-15	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-SEP-15	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	02-JUL-15	Finding:	4.2013
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	07-AUG-14	Finding:	440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	07-AUG-14	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	07-AUG-14	Finding:	110.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	07-AUG-14	Finding:	140.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	07-AUG-14	Finding:	190.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	07-AUG-14	Finding:	54.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-AUG-14	Finding:	13.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-AUG-14	Finding:	14.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-AUG-14	Finding:	1.9
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	07-AUG-14	Finding:	23.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	07-AUG-14	Finding:	30.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	07-AUG-14	Finding:	0.7
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	07-AUG-14	Finding:	2.9
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	07-AUG-14	Finding:	2.5e-002
Chemical:	DIBROMOCHLOROPROPANE (DBCP)	Report units:	UG/L
Dir:	1.e-002		
Sample date:	07-AUG-14	Finding:	240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	07-AUG-14	Finding:	0.94
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	07-AUG-14	Finding:	7.4e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	07-AUG-14	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	22-MAY-14	Finding:	20.152
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	12-SEP-13	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUL-13	Finding:	20.225
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-MAY-13	Finding:	20.062
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-JAN-13	Finding:	23.838
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	14-JAN-13	Finding:	20.716
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-JAN-13	Finding:	20.132
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JAN-13	Finding:	4600.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	03-JAN-13	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-NOV-12	Finding:	20.676
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.		
Sample date:	08-NOV-12	Finding:	20.099
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	25-OCT-12	Finding:	20.021
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	18-OCT-12	Finding:	20.003
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	27-SEP-12	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	06-SEP-12	Finding:	20.852
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	30-AUG-12	Finding:	21.062
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-AUG-12	Finding:	20.82
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-AUG-12	Finding:	21.085
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	09-AUG-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	09-AUG-12	Finding:	5200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	19-JUL-12	Finding:	21.667
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	12-JUL-12	Finding:	21.071
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	05-JUL-12	Finding:	21.871
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-JUL-12	Finding:	2.9
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	03-JUL-12	Finding:	0.19
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	03-JUL-12	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	03-JUL-12	Finding:	5.2
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	31-MAY-12	Finding:	22.243
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	24-MAY-12	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-MAY-12	Finding:	22.402
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	08-MAY-12	Finding:	23.966
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	03-MAY-12	Finding:	24.025
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	30-APR-12	Finding:	24.12
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-APR-12	Finding:	24.113
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

39
West
1/2 - 1 Mile
Lower

CA WELLS CADWR0000001438

Well ID:	01S03W18H001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W18H001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W18H001S&store_num=		
GeoTracker Data:	Not Reported		

K40
ESE
1/2 - 1 Mile
Higher

CA WELLS CADDW0000014763

Well ID:	3610037-054	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	CHURCH STREET WELL	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3610037-054&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

41
NW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000000216

Well ID:	01S03W08M001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W08M001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W08M001S&store_num=		
GeoTracker Data:	Not Reported		

L42
ESE
1/2 - 1 Mile
Higher

FED USGS USGS40000140739

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W16L004S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

L43
ESE
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00003719

Well ID:	USGS-340454117120902	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340454117120902	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340454117120902&store_num=		
GeoTracker Data:	Not Reported		

44
NW
1/2 - 1 Mile
Lower

FED USGS USGS40000140972

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W08M001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	19430101	Well Depth:	148
Well Depth Units:	ft	Well Hole Depth:	150
Well Hole Depth Units:	ft		

M45
South
1/2 - 1 Mile
Lower

FED USGS USGS40000140632

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	HOLE-02 LYSIMETER AT 30		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

M46
South
1/2 - 1 Mile
Lower

FED USGS USGS40000140633

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	HOLE-02 LYSIMETER AT 50		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

M47
South
1/2 - 1 Mile
Lower

FED USGS USGS40000140634

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	HOLE-02 LYSIMETER AT 113		
Type:	Well: Test hole not completed as a well		
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth Units: Not Reported

M48
South
1/2 - 1 Mile
Lower

CA WELLS CAUSGSN00009266

Well ID:	USGS-340432117130201	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340432117130201	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340432117130201&store_num=		
GeoTracker Data:	Not Reported		

M49
South
1/2 - 1 Mile
Lower

CA WELLS CAUSGSN00003876

Well ID:	USGS-340432117130203	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340432117130203	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340432117130203&store_num=		
GeoTracker Data:	Not Reported		

M50
South
1/2 - 1 Mile
Lower

CA WELLS CAUSGSN00014192

Well ID:	USGS-340432117130202	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340432117130202	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340432117130202&store_num=		
GeoTracker Data:	Not Reported		

M51
SSW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000018286

Well ID:	01S03W20C001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W20C001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W20C001S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

N52
East
1/2 - 1 Mile
Higher

FED USGS USGS40000140827

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W16F001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19310101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	400
Well Hole Depth Units:	ft		

N53
East
1/2 - 1 Mile
Higher

CA WELLS CAUSGSN00001221

Well ID:	USGS-340513117115701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340513117115701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp_date=&global_id=&assigned_name=USGS-340513117115701&store_num=		
GeoTracker Data:	Not Reported		

M54
South
1/2 - 1 Mile
Higher

FED USGS USGS40000140616

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W20C001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19040101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	642
Well Hole Depth Units:	ft		

O55
ESE
1/2 - 1 Mile
Higher

CA WELLS CADWR0000024116

Well ID:	01S03W16L002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W16L002S	GAMA PFAS Testing:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W16L002S&store_num=
 GeoTracker Data: Not Reported

O56
ESE
1/2 - 1 Mile
Higher

CA WELLS CADWR0000032543

Well ID: 01S03W16L004S Well Type: UNK
 Source: Department of Water Resources
 Other Name: 01S03W16L004S GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W16L004S&store_num=
 GeoTracker Data: Not Reported

57
SSE
1/2 - 1 Mile
Higher

CA WELLS CADWR0000037282

Well ID: 01S03W20A001S Well Type: UNK
 Source: Department of Water Resources
 Other Name: 01S03W20A001S GAMA PFAS Testing: Not Reported
 Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W20A001S&store_num=
 GeoTracker Data: Not Reported

O58
ESE
1/2 - 1 Mile
Higher

FED USGS USGS40000140745

Organization ID: USGS-CA
 Organization Name: USGS California Water Science Center
 Monitor Location: 001S003W16L002S Type: Well
 Description: Not Reported HUC: 18070203
 Drainage Area: Not Reported Drainage Area Units: Not Reported
 Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported
 Aquifer: California Coastal Basin aquifers
 Formation Type: Not Reported Aquifer Type: Not Reported
 Construction Date: 19290101 Well Depth: 430
 Well Depth Units: ft Well Hole Depth: 430
 Well Hole Depth Units: ft

59
SE
1/2 - 1 Mile
Higher

FED USGS USGS40000140657

Organization ID: USGS-CA
 Organization Name: USGS California Water Science Center
 Monitor Location: 001S003W21C001S Type: Well
 Description: Not Reported HUC: 18070203

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	167
Well Depth Units:	ft	Well Hole Depth:	167
Well Hole Depth Units:	ft		

60
SSE
1/2 - 1 Mile
Higher

FED USGS USGS40000140614

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001S003W20A001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19030101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	195
Well Hole Depth Units:	ft		

61
NNW
1/2 - 1 Mile
Lower

CA WELLS CADWR0000013479

Well ID:	01S03W08E001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01S03W08E001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=01S03W08E001S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92374	85	0

Federal EPA Radon Zone for SAN BERNARDINO 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 Zip Code: 92374

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.500 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

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^R 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 IRRA 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

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX F
FEDERAL, STATE & LOCAL RECORDS

CALIFORNIA GOVERNMENT AGENCY



STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

REPORT DATE HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?
 4/8/1993

<u>I. REPORTED BY -</u>	<u>CREATED BY</u>
UNKNOWN	UNKNOWN

<u>III. SITE LOCATION</u>	
<u>FACILITY NAME</u> CITY OF REDLANDS CALIFORNIA STREET LANDFILL	<u>FACILITY ID</u>
<u>FACILITY ADDRESS</u> 1950 NEVADA ST REDLANDS, CA 92374 SAN BERNARDINO COUNTY	<u>ORIENTATION OF SITE TO STREET</u> <u>CROSS STREET</u> PALMETTO

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

DIESEL
 GASOLINE

VI. DISCOVERY/ABATEMENT

<u>DATE DISCHARGE BEGAN</u>		
<u>DATE DISCOVERED</u> 4/8/1993	<u>HOW DISCOVERED</u> Tank Closure	<u>DESCRIPTION</u>
<u>DATE STOPPED</u>	<u>STOP METHOD</u>	<u>DESCRIPTION</u>

VII. SOURCE/CAUSE

<u>SOURCE OF DISCHARGE</u> Other	<u>CAUSE OF DISCHARGE</u> Unknown
<u>DISCHARGE DESCRIPTION</u>	

VIII. CASE TYPE

CASE TYPE
Soil

IX. REMEDIAL ACTION

<u>REMEDIAL ACTION</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>DESCRIPTION</u>
Excavation	12/6/1994	12/6/1994	TAKEN OFFSITE TO TPS/ADELANTO

X. GENERAL COMMENTS

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
 IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

<u>LOCAL AGENCY CASE NUMBER</u>	<u>REGIONAL BOARD CASE NUMBER</u>
---------------------------------	-----------------------------------

LOCAL AGENCY

UNKNOWN

REGIONAL BOARD

<u>CONTACT NAME</u>	<u>INITIALS</u>	<u>ORGANIZATION NAME</u>	<u>EMAIL ADDRESS</u>
VALERIE JAHN-BULL	VJB	SANTA ANA RWQCB (REGION 8)	valerie.jahn-bull@waterboards.ca.gov
<u>ADDRESS</u>	<u>CONTACT DESCRIPTION</u>		
3737 MAIN STREET, SUITE 500 RIVERSIDE, CA 92501			
<u>PHONE TYPE</u>	<u>PHONE NUMBER</u>	<u>EXTENSION</u>	
PHONE	(951)-782-4903		
MAIN PHONE	(951)-782-4130		

[Back to Top](#)[Conditions of Use](#)[Privacy Policy](#)[Accessibility](#)[Contact Us](#)



1950 NEVADA ST
 REDLANDS, CA 92374
 SAN BERNARDINO COUNTY
 LUST CLEANUP SITE ([INFO](#))
 COMPLETED - CASE CLOSED AS OF 4/19/1995 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 SAN BERNARDINO COUNTY ([LEAD](#)) - CASE #:
 SANTA ANA RWQCB (REGION 8) - CASE #: 0
 CASEWORKER: [VALERIE JAHN-BULL](#)

- [Summary](#)
- [Cleanup Action Report](#)
- [Regulatory Activities](#)
- [Environmental Data \(ESI\)](#)
- [Site Maps / Documents](#)
- [Community Involvement](#)
- [Related Cases](#)

Cleanup Action Report

<u>ACTION TYPE</u>	<u>BEGIN DATE</u>	<u>END DATE</u>	<u>PHASE</u>	<u>CONTAMINANT MASS REMOVED</u>	<u>DESCRIPTION</u>
EXCAVATION	12/6/1994	12/6/1994	Soil		TAKEN OFFSITE TO TPS/ADELANTO

[Back to Top](#)

[Conditions of Use](#)

[Privacy Policy](#)

[Accessibility](#)

[Contact Us](#)



1950 NEVADA ST
 REDLANDS, CA 92374
 SAN BERNARDINO COUNTY
 LUST CLEANUP SITE ([INFO](#))
 COMPLETED - CASE CLOSED AS OF 4/19/1995 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 SAN BERNARDINO COUNTY ([LEAD](#)) - CASE #:
 SANTA ANA RWQCB (REGION 8) - CASE #: 0
 CASEWORKER: [VALERIE JAHN-BULL](#)

[Summary](#) [Cleanup Action Report](#) [Regulatory Activities](#) [Environmental Data \(ES\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#)

Public Participation

<u>CATEGORY</u>	<u>DATE</u>
NONE SPECIFIED - INFO	
<u>ADDITIONAL PUBLIC PARTICIPATION DESCRIPTION</u>	

Environmental Justice

[DWR 2016 DISADVANTAGED COMMUNITY DESIGNATION](#) - [INFO](#)
 NONE
[CALENVIROSCREEN 3.0 SCORE](#) - [INFO](#)
 Percentile Range: [71-75%](#)

Community Involvement Documents

NO COMMUNITY INVOLVEMENT DOCUMENTS HAVE BEEN UPLOADED

[Back to Top](#)

[Privacy Policy](#)

[Contact Us](#)

[Conditions of Use](#)

[Accessibility](#)



1950 NEVADA ST
 REDLANDS, CA 92374
 SAN BERNARDINO COUNTY
 LUST CLEANUP SITE ([INFO](#))
 COMPLETED - CASE CLOSED AS OF 4/19/1995 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 SAN BERNARDINO COUNTY ([LEAD](#)) - CASE #:
 SANTA ANA RWQCB (REGION 8) - CASE #: 0
 CASEWORKER: [VALERIE JAHN-BULL](#)

[Summary](#) [Cleanup Action Report](#) [Regulatory Activities](#) [Environmental Data \(ES\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#)

Regulatory Activities Action Type Filter: [Show All Activities](#) INCLUDE ACTIVITIES FOR ASSOCIATED CASES * **Indicates a revised due**

<u>ACTION TYPE</u>	<u>ACTION</u>	<u>ACTION DATE</u>	<u>RECEIVED / ISSUE DATE</u>	<u>TITLE / DESCRIPTION / COMMENTS</u>
<i>Other Regulatory Actions</i>	Closure/No Further Action Letter	4/19/1995	4/19/1995	CLOSURE LETTER WAS ISSUED BY THE COUNTY ENV. HEALTH SERV. ALSO, THE URR WAS DATED 4/
<i>Cleanup Action</i>	Excavation	12/6/1994		TAKEN OFFSITE TO TPS/ADELANTO
<i>Leak Action</i>	Leak Discovery	4/8/1993		
<i>Leak Action</i>	Leak Reported	4/8/1993		

[Back to Top](#)

[Conditions of Use](#)

[Privacy Policy](#)

[Accessibility](#)

[Contact Us](#)



1950 NEVADA ST
 REDLANDS, CA 92374
 SAN BERNARDINO COUNTY
 LUST CLEANUP SITE ([INFO](#))
 COMPLETED - CASE CLOSED AS OF 4/19/1995 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 SAN BERNARDINO COUNTY ([LEAD](#)) - CASE #:
 SANTA ANA RWQCB (REGION 8) - CASE #: 0
 CASEWORKER: [VALERIE JAHN-BULL](#)

[Summary](#) [Cleanup Action Report](#) [Regulatory Activities](#) [Environmental Data \(ESI\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#)

Other Cases Associated With This Case

ASSOCIATION	DESCRIPTION	IDENTIFIER	PROJECT NAME	ADDRESS	CITY	STATUS
Related Global ID	Auto-Entered via Standardized Address Match	WDR100035978	Redlands WWRF	1950 Nevada Street	REDLANDS	ACTIVE - WDR

[Back to Top](#)

[Conditions of Use](#)

[Privacy Policy](#)

[Accessibility](#)

[Contact Us](#)



N. ENRIQUE MARTINEZ
City Manager

City of
REDLANDS

Incorporated 1888
35 Cajon Street, Redlands, CA 92373
909-798-7510
nemartinez@cityofredlands.org

TRANSMITTAL

July 31, 2017

Attn: Cindy Li
California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3339

**RE: California Street Landfill –
Second Quarter 2017 Water Quality Monitoring Report**

Dear Ms. Li:

This letter transmits the Second Quarter 2017 Water Quality Monitoring Report for California Street Landfill by Geo-Logic Associates, on behalf of the City of Redlands.

If you have any questions or comments, please do not hesitate to contact me.

Thank you,

Mr. Christopher Boatman
Director, Quality of Life Department
City of Redlands
35 Cajon Street, Suite 222
Redlands, CA 92373
cboatman@cityofredlands.org
(909) 798-7655

SECOND QUARTER (SPRING) 2017

WATER QUALITY MONITORING REPORT

CALIFORNIA STREET LANDFILL

CITY OF REDLANDS, CALIFORNIA

JULY 2017

Project No. 2016.0158



SUBMITTED TO:

**California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, California 92501-3339**

SUBMITTED BY:

**City of Redlands
35 Cajon Street, 2nd Floor
Redlands, California 92373**

PREPARED BY:

**Geo-Logic Associates
2777 E Guasti Road
Ontario, California 91761
(909) 626-2282**



EXECUTIVE SUMMARY

This report includes a summary of monitoring activities conducted at the City of Redlands California Street Landfill (CSL) during the second quarter (spring) 2017 including groundwater elevation measurements, collection of groundwater, surface water, and soil pore gas samples, and lysimeter monitoring in accordance with California Regional Water Quality Control Board – Santa Ana Region (RWQCB) Order No. R8-2008-0094.

Groundwater elevations decreased in all site wells except B-4R since the previous monitoring event (first quarter of 2017). Well B-13R and surface water monitoring locations had insufficient water to collect samples. Groundwater analytical results for general chemistry included new intrawell maximum concentrations for bicarbonate alkalinity at well B-10C (240 milligrams per liter [mg/L]) and chloride at well B-11 (99 mg/L) which exceeded the previous historical intrawell maximum concentrations of 200 and 89 mg/L, respectively. Low-level concentrations of 1,2-dibromo-3-chloropropane (DBCP) were measured in samples from west-side background wells B-12 and B-14. Groundwater analytical results for volatile organic compounds (VOCs) included one new intrawell maximum concentration for the chloroform concentration at well B-11 (14 micrograms per liter [$\mu\text{g/L}$]) that was measured above the previous intrawell maximum concentration of 12 $\mu\text{g/L}$. Perchlorate was detected at wells B-4R, B-12, and B-14 at concentrations between 7 and 29 $\mu\text{g/L}$, which are within historical ranges. Perchlorate has been demonstrated to have originated from an upgradient, off-site source.

State and Federal primary water quality standards were equaled or exceeded for the nitrate (as nitrogen) concentrations from wells B-10 (10 mg/L), B-12 (15 mg/L), and B-14 (10 mg/L), the perchlorate concentrations from wells B-4R (7 $\mu\text{g/L}$), B-12 (29 $\mu\text{g/L}$), and B-14 (27 $\mu\text{g/L}$), and the total dissolved solids concentrations from wells B-10C (600 mg/L) and B-11 (560 mg/L). These exceedances are consistent with historical concentrations.

Statistical analyses identified the pH values in wells B-4R (8.11 units), B-11 (7.96 units), B-12 (8.29 units), and B-14 (8.31 units) were measured above the calculated upper prediction limits of 7.92, 7.84, 7.97, and 8.08 units, respectively. Similarly, the chloride result at well B-11 (99 mg/L), and the DBCP result at well B-12 (0.035 $\mu\text{g/L}$), were measured above the prediction limits of 89 mg/L and 0.034 $\mu\text{g/L}$, respectively. Statistical trend analysis was performed on results that were measured above the prediction limit values and indicated none these values are statistically increasing trends (Appendix C).

In response to a RWQCB request, three groundwater samples, one leachate sample, and one landfill gas condensate sample were tested for perfluoroalkyl and polyfluoroalkyl substances (PFASs). The analytical results of this special testing found trace or quantifiable concentrations of five PFASs in one groundwater sample, four PFASs in two groundwater samples, seven PFASs in the leachate sample, and six PFASs in the condensate sample. Of the 26 detections, 13 concentrations were reported as estimated trace values, while the other 13 detections were reported at values slightly above the detection limit for reporting.

No methane was detected in the sample collected from soil-pore gas probe P-4A; methane has never been detected in gas samples at the CSL. Four previously detected VOCs were identified

within historical ranges at low or trace concentrations. The concentrations of for 1,2,4-trimethylbenzene (7.7 parts per billion [ppb (V/V)]) and styrene (87 ppb [V/V]) were measured above the previous historical intrawell maximum concentrations (2.2 and 19 ppb [V/V], respectively). All other results were measured within historical ranges (Table 13).

Approximately 14,261 tons of residential and commercial industrial waste and 385 tons of Mountain View power plant filter cake were accepted at the CSL during the second quarter of 2017. General site monitoring was consistently maintained and all run-on, run-off structures were found to be in conformance after minor repairs. Also, the liquid level meters that measure leachate in the Phase I and II LCRS sumps are in need of repair and few liquid levels were able to be measured during second quarter 2017 monitoring period. Field notes indicate that the meters are scheduled for replacement on July 30, 2017 (Appendix B).

Based on a review of the general chemistry and VOC data obtained to date, it is concluded that groundwater beneath the CSL has been locally impacted by perchlorate and VOCs. However, these compounds have been demonstrated to have originated from off-site sources, and historical hydrochemistry data from the site suggest that the landfill is not impacting groundwater quality beneath the CSL (3D GeoServices, 2004).

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 BACKGROUND 1

2.1 SITE LOCATION AND HISTORY 1

2.2 GEOLOGIC SETTING 2

2.3 SITE HYDROGEOLOGIC SETTING 2

2.4 SITE MONITORING NETWORK 2

3.0 SITE MONITORING ACTIVITIES 3

3.1 GROUNDWATER MONITORING 4

3.2 SURFACE WATER MONITORING 4

3.3 LEACHATE SAMPLING 5

3.4 LYSIMETER SAMPLING 5

3.5 SOIL-PORE GAS SAMPLING 5

3.6 CONDENSATE SAMPLING 6

3.7 GENERAL SITE MONITORING 6

3.7.1 Landfill Inspection 6

3.7.2 Waste Monitoring 7

3.7.3 Leachate/Condensate Monitoring 7

3.7.4 Landfill Gas System Monitoring 7

4.0 LABORATORY ANALYSIS AND QA/QC RESULTS 7

5.0 SECOND QUARTER (SPRING) 2017 SITE MONITORING RESULTS 8

5.1 GROUNDWATER ELEVATIONS AND FLOW 8

5.2 GROUNDWATER ANALYTICAL RESULTS 9

5.2.1 Groundwater Monitoring Well Results 9

5.2.2 Lysimeter Results 10

5.2.3 Soil-Pore Gas Monitoring 10

5.2.4 Leachate Sampling Results 10

5.2.5 Surface Water Sampling Results 11

5.2.6 PFAS Test Results 11

6.0 STATISTICAL ANALYSIS 11

7.0 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS 12

8.0 SECOND QUARTER 2017 SUMMARY 13

9.0 CLOSURE 15

TABLE OF CONTENTS (CONT'D)

10.0 REFERENCES 16

TABLES

Table 1 Monitoring Parameters and Laboratory Analytical Methods
Table 2 Sampling and Analysis Dates
Table 3A QA/QC Summary Data: Blank Analyses
Table 3B QA/QC Summary Data: Groundwater Duplicate Sample Analyses
Table 4 Site Monitoring Well Information
Table 5 Historical Summary Data – Monitoring Well B-1C
Table 6 Historical Summary Data – Monitoring Well B-4R
Table 7 Historical Summary Data – Monitoring Well B-10C
Table 8 Historical Summary Data – Monitoring Well B-11
Table 9 Historical Summary Data – Monitoring Well B-12
Table 10 Historical Summary Data – Monitoring Well B-13
Table 11 Historical Summary Data – Monitoring Well B-14
Table 12A Water Quality Comparison – West Side Wells
Table 12B Water Quality Comparison – East Side Wells
Table 13 Historical Summary Data – Soil Pore Gas Probe P-4A
Table 14 Historical Summary Data – Leachate (Phase 1 Sump)
Table 15 Historical Summary Data – Leachate (Phase 2 Sump)
Table 16 Constituent of Concern Analyte List “2”
Table 17 Historical Summary Data – Surface Water S-1
Table 18 Historical Summary Data – Surface Water S-2
Table 19 Historical Summary Data – Condensate

FIGURES

Figure 1 Site Location Plan
Figure 2 Site Plan

APPENDIX A

Field Data Sheets and Certificates of Analysis

APPENDIX B

Leachate, Landfill Gas, and General Site Monitoring Operational Records

APPENDIX C

Statistical Analyses

1.0 INTRODUCTION

This Detection Monitoring Program (DMP) report presents the results of water quality monitoring completed during the second quarter (Spring) 2017 monitoring period at the City of Redlands Quality of Life Department's (City) California Street Landfill (CSL). The following information is included herein: groundwater elevation measurements; analytical test results for groundwater and landfill gas (LFG); statistical analyses for groundwater results; and operational records for the CSL.

Monitoring was completed in accordance with California Regional Water Quality Control Board – Santa Ana Region (RWQCB) Waste Discharge Requirements (WDRs) and Monitoring and Reporting Program (M&RP) Order No. R8-2004-0008, including amendments stipulated in Order No. R8-2008-0094, and in compliance with Article I, Subchapter 3, Chapter 3, Division 2, Title 27, California Code of Regulations (CCR). Following a request from the RWQCB, analytical testing for the second quarter 2017 monitoring period also included testing for perfluoroalkyl and polyfluoroalkyl substances (PFASs).

2.0 BACKGROUND

2.1 Site Location and History

The CSL is an approximately 115-acre, active Class III landfill owned and operated by the City of Redlands, and includes the original 63-acre unlined portion and the approximately 52-acre lined expansion area (Figure 1). The facility is located in the northeastern portion of the San Bernardino Valley, along a reach of the southern bank of the Santa Ana River channel approximately 3.5 miles northwest of the City of Redlands in southeastern San Bernardino County. The landfill is located at 2151 Nevada Street, Redlands, California, 92373, in the northern half of the northeast portion of Section 17, Township I South, Range 3 West, San Bernardino Baseline and Meridian.

From 1963 until present, the CSL has accepted municipal solid wastes generated within the City of Redlands consisting primarily of residential, commercial, and industrial waste, with a minor fraction of dried sewage sludge from the City's wastewater treatment plant located adjacent to the CSL. With the exception of filter cake residue accepted from the Mountain View power generating station, no designated or hazardous wastes were knowingly accepted for on-site disposal.

Groundwater beneath the CSL is impacted by perchlorate, tetrachloroethene (PCE), trichloroethene (TCE), and 1,2-dibromo-3-chloropropane (DBCP). On March 8, 2004, the City submitted a report, as required under Contingency Response D.6.a.ii of Order No. 98-99, which demonstrated that all groundwater impacts originated from sources other than the landfill (3D GeoServices, 2004).

2.2 Geologic Setting

The CSL is located within the eastern portion of the Transverse Ranges Geomorphic Province of California within the structurally down-dropped San Bernardino Valley structural block. This structural block is bounded to the north and south by the San Andreas and San Jacinto faults, respectively, and consists of over 1,000 feet of alluvium derived from the adjacent San Bernardino and San Gabriel Mountains delivered to the valley floor by coalescing streams flowing from the upland areas. The maximum thickness of alluvium in the area is estimated to be greater than 1,200 feet approximately one mile northwest of the landfill. The maximum thickness of alluvium beneath the landfill is greater than 700 feet (RWQCB, 2008). Ground surface elevations range from 955 feet above mean sea level (amsl) on the western end of the site to 1,040 feet amsl on the eastern end.

2.3 Site Hydrogeologic Setting

The CSL is situated along the southern bank of Reach 5 of the Santa Ana River channel, within the Upper Santa Ana River Hydrologic Area, in the Mill Creek Hydrologic Sub-Area of the Santa Ana River Watershed (Santa Ana Hydrologic Basin). No natural lakes or other bodies of standing water, ephemeral seeps, or springs occur at the site.

Groundwater beneath the CSL occurs at approximately 210 to 247 feet below ground surface (bgs) within alluvial deposits. Historical groundwater elevation measurements indicate that groundwater flows to the west at an average hydraulic gradient of approximately 0.008 foot per foot (ft/ft).

2.4 Site Monitoring Network

The detection monitoring system is summarized in the following table and is shown on Figure 2. The current groundwater monitoring network includes wells that were installed in 2003 to replace wells that had gone dry (3D GeoServices, 2006) and relocation of well B-13, renamed B-13R, owing to revised property boundaries (GLA, 2013).

MONITORING POINT	MONITORING POINT I.D.
Groundwater Monitoring Wells – Background	B-1C, B-11, B-12, B-13R, and B-14
Groundwater Monitoring Wells– Compliance	B-4R and B-10C
Groundwater Monitoring Wells– Abandoned	B-13
Lysimeters	L-1, L-3, L-4, and L-5
Soil-pore Gas Monitoring Probe	P-4A
Surface Water	SW-1 and SW-2
Condensate	Condensate
Leachate Sump	PH-1 and PH-2

In accordance with the sites WDRs, condensate, leachate, lysimeter, groundwater, soil-pore gas, and surface water monitoring at the CSL is performed as follows:

- Quarterly monitoring of five background and two compliance groundwater wells for groundwater elevation measurements, field parameters (dissolved oxygen [DO], electrical conductivity [EC], pH, oxygen reduction potential [ORP], temperature, and turbidity), and laboratory analyses of metal surrogates (chloride, sulfate, nitrate as nitrogen [N], and total dissolved solids [TDS]), bicarbonate, carbonate, hydroxide, total alkalinity, chemical oxygen demand (COD), dissolved carbon dioxide, DBCP, 1,2-dibromoethane (EDB), perchlorate, and volatile organic compounds (VOCs).
- Quarterly monitoring of one soil-pore gas probe for fixed-gas constituents (carbon dioxide, methane, nitrogen, and oxygen), and VOC analysis;
- Quarterly monitoring of two surface water locations and four soil-pore liquid lysimeters;
- Leachate monitoring during April and October of each year;
- Annual condensate monitoring (fourth quarter);
- Submittal of quarterly and annual summary (second quarter) monitoring reports;
- Annual aerial or ground site survey, drainage control, and maintenance;
- Once every five years, a comprehensive list of constituents of concern (COC) testing is performed on groundwater samples. (next event to be conducted during the second quarter 2020).

3.0 SITE MONITORING ACTIVITIES

Second quarter 2017 monitoring activities at the CSL were conducted on May 18 and included gas and groundwater sampling, and surface water, leachate and lysimeter monitoring. Water quality sampling was performed by Geo-Logic Associates in accordance with the sampling and analytical procedures identified in the facility's M&RP. Laboratory analyses of liquid and soil-pore gas samples were completed by Weck Laboratories, Inc., a California-certified testing facility, located in the City of Industry. Of note, no sample could be obtained at well B-13R or surface water monitoring locations, owing to dry conditions.

In a letter dated October 7, 2016, the RWQCB requested testing for PFASs at all active landfills located in the Santa Ana Region, including the CSL (RWQCB, 2016). In response, the City submitted a work plan that detailed the sampling and analytical procedures for a one-time PFAS sampling event (GLA, 2017). The RWQCB approved the work plan on January 26, 2017 (RWQCB, 2017). The work plan identified three groundwater wells (B-1C, B-4R, and B-10C), one leachate sample (Phase II Sump), and the landfill gas condensate sample for the special PFAS testing event. Samples for the PFAS testing were collected from these monitoring points and submitted to Babcock Laboratories in Riverside, California for analytical testing.

3.1 Groundwater Monitoring

The following protocols were adhered to during sampling:

- Upon arrival at each monitoring well, the wellhead was inspected for evidence of tampering and/or vandalism and the well I.D. was recorded on the field sampler's well data sheet (Appendix A).
- Prior to sounding monitoring wells, the weighted water level indicator (Solinst 100 Water Level Meter, or equivalent) was decontaminated using de-ionized water. The initial water level and total depth of water within each well was then measured to the nearest 0.01-foot relative to the top of casing using the weighted water level indicator. The sounding results were recorded on the well data sheet.
- As detailed on the well data sheets, wells B-4R and B-14 were purged using low-flow techniques with dedicated bladder pumps. The wells were purged until field water quality parameters stabilized. Well B-13R had insufficient water to be sampled.
- Sampled waters were decanted directly from the pump discharge tubing into laboratory prepared vessels appropriate to the laboratory testing method. Sample for volatile organic analysis were collected first.
- Samples from wells B-1C, B-10C, B-11, and B-12 were collected by a passive Hydrasleeve™ sampling device. The inlet for the Hydrasleeve™ was positioned midway between the top of the water column and the bottom of the well screen.
- The collected samples were placed immediately on ice in a thermally insulated cooler for transport to Weck Laboratories, Inc. Also, samples for PFAs testing were sent to Babcock Laboratories, Inc.
- A completed chain-of-custody form detailing the sample identification numbers, dates and times collected, analyses requested and project information accompanied each sample to the laboratory (Appendix A).

3.2 Surface Water Monitoring

The following protocols are adhered to in the event of surface water sampling:

- When surface water is flowing, samples are collected by grab method.
- Samples are prepared and transported to the laboratory using the same protocol as for groundwater samples.

3.3 Leachate Sampling

Leachate samples are collected from the Phase I and Phase II sumps during October and April (retest) of each year at the CSL in accordance with the site's WDRs. The following protocols are adhered to when sampling is performed:

- Grab samples of landfill leachate are collected by intercepting flow from the leachate pump discharge line at each monitoring sump.
- Samples are prepared and transported to the laboratory using the same protocol as for groundwater samples.

The leachate collection and recovery system (LCRS) is operated and maintained according to the site Leachate Management Plan (LMP; Vector, 2010). There are two individual lined cells at the CSL, each equipped with collection sumps, extraction pumps, and liquid level sensors and alarms. Collected leachate is automatically pumped (level actuated) to the wastewater treatment facility (WWTF) located adjacent to the CSL. Weekly monitoring of the liquid levels and sump functionality is conducted by City staff; annual testing is conducted according to the LMP. All inspection reports are included in Appendix B.

3.4 Lysimeter Sampling

Lysimeter sampling protocols are as follows:

- A vacuum is drawn on the lysimeter vacuum line and held for approximately 24 hours.
- If a vacuum remains after 24 hours, a positive pressure is applied to the vacuum line and collected liquid is purged into sample containers.
- If no vacuum remains, or no liquid accumulates during the 24-hour period, no samples are collected.

Attempts were made to sample each of the site's four lysimeters; however, as is characteristic at the CSL, the lysimeters either did not produce liquid for sampling, or did not hold a vacuum (L-1 has damage to the vacuum line). As a result, no lysimeter samples were collected during the current monitoring event.

3.5 Soil-Pore Gas Sampling

Protocols for quarterly soil-pore gas sampling are as follows:

- Gas extraction was performed using a stainless-steel, gas-sampling pump with a non-lubricated Viton[®] diaphragm and a maximum no load flow rate of 32 liters per minute.
- Soil-pore gas is field-screened for fixed gases using a GEM 2000 field meter.

- Laboratory-prepared summa canister was used for sampling and transport to extend holding time.
- For purging and sampling, the gas-sampling pump was attached with Teflon[®] tubing to a sample port located at the top of the monitoring probe. After attaching the sample train to the probe, the probe was purged for 30 to 50 seconds to flush out the probe and sample train. Following flushing of the probe and train, the pump and tubing were attached to the Tedlar[®] sample bag. All gas samples were pumped directly from the gas-monitoring probe via the stainless-steel sampling pump and through new factory-cleaned Teflon[®] tubing into the Tedlar[®] bags. After sampling, a 30- to 50-second post-purge of the probe and sampling train was also conducted.
- Chain-of-custody procedures described above for groundwater sampling were also adhered to for LFG sample collection (Appendix A).

3.6 Condensate Sampling

Annual condensate sampling occurs during the fourth quarter. Sampling protocols are as follows:

- Grab samples of landfill condensate are collected by intercepting flow from the main condensate discharge line using a quick-release hose.
- Samples are prepared and transported to the laboratory using the same protocol as for groundwater samples.
- Chain-of-custody procedures described above for groundwater sampling were also adhered to for condensate sample collection (Appendix A).

3.7 General Site Monitoring

3.7.1 Landfill Inspection

City staff inspects landfill conditions and improvements monthly and after significant rainfall events. During the second quarter 2017 monitoring period, all run-on and run-off structures were inspected and found to be in conformance with as-built drawings after minor grading repairs were performed. Monthly landfill inspections logs and a “Special Occurrences Summary” are included in Appendix B.

3.7.2 Waste Monitoring

The City monitors the amounts and types of waste delivered to the site on a per load basis. Each load is inspected and any items found to be outside of the allowed waste types are rejected. During the current quarter, approximately 14,261 tons of residential and commercial industrial waste was accepted, and 385 tons of Mountain View power plant filter cake was received. Waste placement at the site has been occurring in the southern most area of the Phase II expansion area since July 6, 2009 (Figure 3). Site plans include using tarps for daily cover (unless high winds prevent this, then soils are used) and soils during weekends (Appendix B).

3.7.3 Leachate/Condensate Monitoring

City staff inspects the condition of the leachate collection and removal systems (LCRS) and the landfill gas condensate collection system on a weekly basis. City staff maintains weekly inspection logs, liquid level logs, and LCRS repair reports, copies of which are included in Appendix B. Several repairs to the Phase I and II LCRS pumps were noted in the weekly LCRS inspection sheets as pumps frequently clog owing to the viscous nature of the liquid. Also, the meters that measure leachate levels in the Phase I and II LCRS sumps are currently not properly working and few measurements were able to be obtained during second quarter 2017 monitoring period. Field notes indicate that the meters are scheduled for replacement on July 30, 2017 (Appendix B).

3.7.4 Landfill Gas System Monitoring

GCE operates and maintains the landfill gas (LFG) extraction system on behalf of the City. The program includes instantaneous landfill surface monitoring [organic vapor analyzer (OVA) sweeps], perimeter probe monitoring and sampling, LFG sampling, surface emission monitoring, integrated surface sampling, and flare station testing in accordance with South Coast Air Quality Management District Rule 1150.1. In the second quarter of 2017, monthly perimeter probe monitoring identified methane at concentrations above five percent by volume in samples from P8 ranging between 16.2% and 22.0%. These probes are located at the southwest and southeast corners of the lined Phase II landfill. The City has installed six vertical wells in the Phase I and Phase II areas and installed a condensate collection sump at the southwest corner of Phase III to address the source of LFG (Appendix B).

4.0 LABORATORY ANALYSIS AND QA/QC RESULTS

Copies of the laboratory certificates of analyses and chain-of-custody records for the samples collected during the second quarter 2017 monitoring period are included in Appendix A. Table 1 identifies the monitoring parameters that were evaluated together with the analytical methods, techniques, sample containers used, preservatives, and post-sampling holding times for each analysis.

Table 2 groups analyses that have common holding times together and lists the sample collection and analysis dates. Maximum holding times for laboratory analyses vary. As shown on Table 2, all samples were submitted and analyzed within the required holding times.

The Quality Assurance / Quality Control (QA/QC) program included analyses of one duplicate sample (collected from well B-14), trip blank samples (QCTB), ambient blank (or field blank) samples (QCAB), and “method blank” analyses (Tables 3A and 3B). The duplicate sample was analyzed for the same constituents as the primary sample; QCTB and QCAB samples were analyzed for VOCs by EPA Method 8260B. As shown on Table 3A and Appendix A, methylene chloride was detected in the QCAB, however was not detected in any of the primary samples. Several other constituents were measured in the laboratory method blank analysis (alkalinity, bicarbonate alkalinity, carbon dioxide, and chemical oxygen demand). However, primary results for these constituents were measured within historical ranges and reflect groundwater conditions at the site. Naphthalene was detected in both the QCAB and QCTB as well as in the laboratory method blank at similar concentrations as measured on the sample for well B-10C and was subsequently flagged as a laboratory contaminate.

Primary and duplicate sample results are presented together on Table 3B, and are compared quantitatively using a relative percent difference (RPD) calculation. The RPD control limit is 30 percent; an RPD is not calculated if an analyte was not measured at a concentration above the practical quantification limit (PQL) in both samples. Good agreement (9.9% RPD or less) was obtained between the primary (B-14) and duplicate sample (Table 3B).

Based on the QA/QC data obtained for the spring 2017 monitoring event, it is concluded that adequate field and laboratory precautions were taken and that the analytical data obtained are acceptable.

5.0 SECOND QUARTER (SPRING) 2017 MONITORING RESULTS

5.1 Groundwater Elevations and Flow

The depth to groundwater in each well was measured using a weighted electronic “sounder” and the static water level was recorded on a well data sheet (Appendix A). Groundwater potentiometric surface elevations were calculated by subtracting the depth-to-water measurement from the elevation of the measurement reference datum (top of well casing) and contoured to generate the groundwater equipotential plan shown on Figure 2.

Groundwater occurs at depths between 210 and 247 feet beneath the CSL (Table 4). Between February 16 and May 18, 2017, the following changes in groundwater potentiometric-surface elevations were measured:

Well	Change in Groundwater Elevation (feet)
B-1C	-73.96
B-4R	+0.93
B-10C	-4.38
B-11	-3.95
B-12	-4.08
B-13R	-0.01
B-14	-2.99

Of note, well B-1C is located adjacent to a retention basin and is subject to wide seasonal fluctuation. As indicated on Figure 2, groundwater flow at the site is directed to the west at a hydraulic gradient (*i*) of approximately 0.008 ft/ft. Based on published values for similar aquifer materials, the hydraulic conductivity (*K*) of the underlying alluvial deposits is estimated to range from 0.10 to 5 feet per day (ft/day), and effective porosity (*n_e*) of the sandy to gravelly unit beneath the site is estimated to be between 0.15 and 0.20 (Driscoll, 1986; Fetter, 1994). Based on these estimates of the hydraulic properties of the materials underlying the CSL, the groundwater flow velocity ($v = Kin_e^{-1}$) is estimated to range between 0.005 to 0.2 ft/day to the west.

5.2 ANALYTICAL RESULTS

5.2.1 Groundwater Monitoring Well Results

Current and historical laboratory analytical results are summarized on Table 5 through Table 11. Table 12 compares current analytical results from background wells to those from downgradient wells. A discussion of each group of monitoring parameters for the second quarter 2017 is presented below, along with newly identified historical maximum values of each well/constituent pair as summarized in the table below.

Historical Maximum Concentrations

WELL	GROUNDWATER ELEVATION (FT)	ANALYTE	UNITS	NEW MAXIMUM	PREVIOUS MAXIMUM
B-10C	948	Bicarbonate Alkalinity	mg/L	240	200
B-11	934	Chloride	mg/L	99	89
		Chloroform	µg/L	14	12

General Chemistry Parameters: Groundwater analytical results for general chemistry parameters included three well/constituent pairs that measured above a historical intrawell concentration in wells B-10C and B-11 during the current monitoring event. Of note, the new maximum intrawell concentration for chloride at well B-11 (99 mg/L) also coincides with an increasing trend.

Perchlorate: Perchlorate was detected in samples from west side wells B-4R, B-12, and B-14 at concentrations within historical intrawell ranges (between 7.0 micrograms per liter [$\mu\text{g/L}$] and 29 $\mu\text{g/L}$). As stated in Section 2.1, it has been demonstrated that perchlorate impacts to groundwater in this area originated from an off-site source and are not related to the CSL.

VOCs: Results for previously detected VOCs were generally similar with historical results. The chloroform concentration at well B-11 (14 $\mu\text{g/L}$) was measured above the previous historical intrawell maximum concentration 12 $\mu\text{g/L}$. Previously identified VOCs were reported in all wells. These groundwater impacts originate from an off-site source and not from the CSL (3D GeoServices, 2004). Contamination from the regional Crafton-Redlands TCE plume has been mapped beneath the site as evidenced by the historical presence of TCE in the samples from wells B-11, B-12, and B-14. The TCE plume migrates northward via dispersion toward compliance well B-4R.

Pesticides: Two low-level concentrations of DBCP were identified in the samples from west-side background wells B-12 and B-14 during the second quarter 2017 monitoring event. All concentrations were measured below historical intrawell maximum values.

5.2.2 Lysimeter Results

Lysimeters L-3, L-4, and L-5 did not produce liquid for sampling, and lysimeter L-1 did not hold a vacuum during the second quarter 2017 monitoring event (Appendix A). Therefore, no samples were collected for laboratory analyses and have not been since 1998 because of dry conditions.

5.2.3 Soil-Pore Gas Sampling Results

A soil-pore gas sample was collected from probe P-4A on May 18, 2017. No methane was detected during field screening, and four previously detected VOCs were identified within historical ranges at low or trace concentrations. Two VOC results for 1,2,4-trimethylbenzene (7.7 parts per billion [ppb (V/V)]) and styrene (87 ppb [V/V]) were measured above the previous historical intrawell maximum concentrations (2.2 and 19 ppb [V/V], respectively). All other results were measured within historical ranges (Table 13).

5.2.4 Leachate Sampling Results

In accordance with the CSL WDR's, leachate samples were collected from the Phase 1 and Phase 2 sumps during the October monitoring event and total cyanide was detected for the first time at the Phase 2 sump. A confirmation sample was collected in May of 2017 and tested for total cyanide, which was detected at a concentration of 11 mg/L. Historical data are presented in Tables 18 and 19. The COC List-2 for each sump is included in Table 16. These lists are based on those compounds that were detected during both the annual October sampling event and the April retest event. These tables will be updated annually following each April retest leachate sampling event to include any additional analytes detected during both semi-annual sampling events.

5.2.5 Surface Water Sampling Result

Stream flow was not observed in the Santa Ana River adjacent to the CSL during the May 18, 2017 monitoring event, therefore no surface water samples were collected and have been unable to be collected since November of 2012. Historical surface water data for the CSL are available in Tables 17 and 18.

5.2.6 PFAS TestResults

As discussed in Section 3.0, the spring (second quarter) 2017 sampling event included testing for PFASs by EPA Method 537 at select monitoring points following a request from the RWQCB. The PFASs tested in EPA Method 537 include 18 man-made compounds that are widely used for many purposes. For example, PFASs have been added to products to keep food from sticking to cookware, to make fabric more resistant to staining, to make fabric more waterproof, to keep food packaging from sticking to food, and to make products more fire resistant. Ten of the 18 compounds were measured at estimated trace or quantifiable concentrations in CSL samples, as summarized in the following table.

Parameter (units)	B-1C	B-4R	B-10C	Phase II Sump	Condensate
8:2 Fluorotelomer Sulfonate (ug/L)	ND<0.010	ND<0.010	ND<0.010	ND<0.010	0.11
6:2 Fluorotelomer Sulfonate (ug/L)	ND<0.010	ND<0.010	ND<0.010	0.10	ND<0.010
Perfluoro-n-decanoic Acid (ug/L)	ND<0.010	ND<0.010	ND<0.010	ND<0.010	0.015
Perfluoro-n-dodecanoic Acid (ug/L)	ND<0.010	ND<0.010	ND<0.010	ND<0.010	0.019
Perfluoro-n-heptanoic Acid (ug/L)	0.010 B	0.0094 J	0.0081 J	0.52	0.0033 J
Perfluoro-1-hexanesulfonate (ug/L)	ND<0.0097	ND<0.0097	ND<0.0097	0.099	ND<0.0097
Perfluoro-n-hexanoic Acid (ug/L)	0.030	0.017	0.029	0.64	ND<0.010
Perfluoro-n-nonanoic Acid (ug/L)	ND<0.0034	0.0074 J	ND<0.0034	0.023 J	ND<0.0034
Perfluoro-1-octanesulfonate (ug/L)	0.0094 J	0.023 J	0.031 J	0.049 J	0.012 J
Perfluoro-n-octanoic Acid (ug/L)	0.012 J,B	0.014 J	0.030	0.49	0.017 J

Notes: B – Compound was also detected in the associated blank sample.
J – Indicates estimated trace concentration (value between the method detection limit and detection limit for reporting).

As shown, 13 of the 26 detections were reported at estimated trace concentrations, and the highest concentrations were generally measured in the leachate sample.

In accordance with the RWQCB-approved work plan (GLA, 2017), no additional PFAS sampling is planned.

6.0 STATISTICAL ANALYSIS

Data obtained during the second quarter 2017 monitoring period were statistically analyzed using RWQCB-accepted statistical methods and the Sanitas[®] software package. Statistical analyses include only intrawell (single well historical analysis) comparisons due to the highly spatial variability of groundwater chemistry across the site.

The data from the CSL have been grouped into two sets representing two separate statistical areas of influence. The East-Side Group includes background well B-1C and compliance well B-10C. The West-Side Group includes background wells B-11, B-12, B-13R, and B-14, and compliance well B-4R. Intrawell prediction limit analyses are used to statistically predict the upper concentration limit of the next sample to be collected from that well. This number is then compared against measured concentrations from the current monitoring event. Constituents that are statistically anomalous are added to the well/monitoring parameter pairs monitored in “tracking mode” per the site’s M&RP and will be updated as necessary during future monitoring events (Tables 5 through 11 and Table 16).

Intrawell anomalies were identified for the following constituents as tabulated in the following table. (Appendix C).

Second Quarter 2017 Intrawell Statistical Anomalies

WELL	ANALYTE	UNITS	PREDICTION LIMIT	ANALYTICAL RESULTS	SIGNIFICANTLY INCREASING
B-4R	pH	Units	7.92	8.11	NO
B-11	Chloride	mg/L	89	99	NO
	pH	Units	7.84	7.96	NO
B-12	Dibromochloropropane	µg/L	0.034	0.035	NO
	pH	Units	7.97	8.29	NO
B-14	pH	Units	8.01	8.31	NO

Using Sen’s Slope method, statistical trend analysis was performed on results that were measured above the prediction limit values and indicated none these values are statistically increasing trends (Appendix C).

7.0 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

The laboratory analytical results obtained during the second quarter 2017 monitoring period were compared against State and Federal water quality standards [applicable or relevant and appropriate requirements (ARARs)]. Concentrations that equaled or exceeded these values are summarized in the table below.

ARAR Exceedances

ANALYTE	STANDARD	B-4R	B-10C	B-11	B-12	B-14
Nitrate (as N) (mg/L)	10 ^(1,3)	-	10	-	15	10
Perchlorate (µg/L)	6 ⁽¹⁾	7.0	-	-	29	27
Total Dissolved Solids (mg/L)	500 ^(2,4)	-	600	560	-	-

Notes: 1. California Primary Maximum Contaminant Level (MCL). 2. California Secondary MCL. 3. Federal Primary MCL. 4. Federal Secondary MCL.

The regional Crafton-Redlands plume is a known source of perchlorate contamination in groundwater beneath the CSL. Furthermore, wells B-12 and B-14 are located upgradient of the landfill and are the result of regional contamination, not a release from the CSL.

8.0 SECOND QUARTER 2017 SUMMARY

During the second quarter of 2017, monitoring activities included measurement of groundwater elevations at each site well, and collection of six groundwater samples, a leachate, and a soil-pore gas sample. No lysimeter samples were collected due to insufficient liquid for sampling. No stream flow was observed, therefore no surface water samples were collected. Well B-13R could not be sampled due to dry conditions.

Groundwater elevations decreased in all site wells except B-4R since the previous monitoring event (first quarter of 2017). Groundwater analytical results for general chemistry included new intrawell maximum concentrations for bicarbonate alkalinity at well B-10C (240 mg/L) and chloride at well B-11 (99 mg/L) which exceeded the previous intrawell maximum concentrations of 200 and 89 mg/L, respectively. Groundwater analytical results for VOCs included one new intrawell maximum concentrations for chloroform at well B-11 (14 µg/L) that was measured above the previous historical intrawell maximum concentration of 12 µg/L. Low-level concentrations of DBCP were measured in samples from west-side background wells B-12 and B-14. Perchlorate was detected at wells B-4R, B-12, and B-14 at concentrations within historical ranges. Perchlorate has been demonstrated to have originated from an upgradient, off-site source.

Intrawell statistical anomalies were identified for the pH values at wells B-4R, B-11, B-12, and B-14, the chloride result at well B-11, and the DBCP result at well B-12. Statistical trend analysis indicated the pH values at wells B-11 and B-12, and the DBCP result at well B-12, are decreasing over time in a statistically significant manner. State and Federal primary water quality standards were exceeded for the nitrate (as N) concentrations from wells B-12 and B-14, the perchlorate concentrations from wells B-4R, B-12, and B-14, and the TDS concentration from well B-11 and B-14.

No methane was detected during field screening of the soil-pore gas sample at gas probe P4A. Four previously detected VOCs were identified within historical ranges at low or trace concentrations. Two VOCs {1,2,4-trimethylbenzene (7.7 ppb [V/V]) and styrene (87 ppb [V/V])} were measured above the previous historical intrawell maximum concentrations (2.2 and 19 ppb [V/V], respectively). All other results were measured within historical ranges (Table 13).

During quarterly site inspections, all run-on and run-off structures were in conformance, after minor repairs. The LCRS for Phase I and Phase II had several issues with the pump meter not working during this quarter. Also, the liquid level meters that measure leachate in the Phase I and II LCRS sumps are in need of repair and few liquid levels were able to be measured during second quarter 2017 monitoring period. Field notes indicate that the meters are scheduled for replacement on July 30, 2017 (Appendix B).

Monthly perimeter probe monitoring identified methane at concentrations above five percent by volume in samples from P8 ranging between 16.2% and 22.0%. The City has installed six vertical

wells in the Phase I and Phase II areas and installed a condensate collection sump at the southwest corner of Phase III to address the source of landfill gas.

Based on a review of the general chemistry and VOC laboratory data obtained to date, it is concluded that groundwater beneath the CSL has been locally impacted by perchlorate and organic compounds, particularly TCE and DBCP. However, these compounds have been demonstrated to have originated from off-site sources and historical hydrochemistry data from the site suggest that the landfill is not causing additional adverse effects on groundwater quality beneath the CSL.

9.0 CLOSURE

This report is based on limited data that has been obtained for this project and referenced herein. Our firm should be notified of any conditions that differ from those described in this report, since this may require additional evaluation of the conclusions and recommendations presented herein. This report has not been prepared for use by parties or projects other than those named or described above. It may not contain sufficient information for other parties or other purposes.

This report has been prepared in accordance with generally accepted hydrogeologic practices and makes no other warranties, either expressed or implied, as to the professional advice or data included in it.

Geo-Logic Associates

Approved:



Jesse V. Orechwa
Staff Geologist
jorechwa@geo-logic.com
2777 E. Guasti Rd., Suite 1
Ontario, CA 91761
(909) 626-2282



Terri Satterfield
Project Geologist
Tsatterfield@geo-logic.com
2777 E. Guasti Rd., Suite 1
Ontario, CA 91761
(909) 626-2282



Michael D. Reason, PG, CHg
Supervising Hydrogeologist
mdreason@geo-logic.com
2777 East Guasti Road
Ontario, CA 91671
(909) 626-2282



Date signed: July 28, 2017

10.0 REFERENCES

- 3D GeoServices, Inc., 1997-2007, Quarterly Monitoring Reports, California Street Landfill, Redlands, California, prepared for the City of Redlands, Municipal Utilities Department, Solid Waste Division, July 1997-2007.
- 3D GeoServices, Inc., 2004, Pre-Statistical Interim Background Monitoring Well Evaluation, California Street Landfill, Redlands, California, prepared for the City of Redlands, Municipal Utilities Department, Solid Waste Division, March 8, 2004.
- California Regional Water Quality Control Board, Santa Ana Region, Order No. R8-2008-0094, Waste Discharge Requirements for City of Redlands, California Street Landfill, Article No. 25, 2008.
- California Regional Water Quality Control Board, Santa Ana Region, 2016, "Monitoring and Analysis of Groundwater at California Street Landfill for Perfluoroalkyl Substances and Polyfluoroalkyl Substances (PFASs)," October 7.
- California Regional Water Quality Control Board, Santa Ana Region, 2017, "Review of Work Plan for Monitoring Groundwater at California Street Landfill for Perfluoroalkyl Substances and Polyfluoroalkyl Substances (PFASs)," January 26.
- Driscoll, F.G., 1986, *Groundwater and Wells*, Johnson Filtration Systems, Inc., St. Paul, Minnesota, 1089 pp.
- Fetter, C.W., 1994, *Applied Hydrogeology*, Third Edition, Macmillan College Publishing Company, 691 pp.
- Geo-Logic Associates, 2013, Well Installation and Decommissioning Report, California Street Landfill, prepared for the City of Redlands, September 2013.
- Geo-Logic Associates, 2017, PFAS Sampling and Analysis Workplan, January.
- Vector Engineering, Inc., 2010, Leachate Management Plan at the California Street Landfill, prepared for the City of Redlands, Municipal Utilities Department, Solid Waste Division, March 2010.

TABLES

**EXPLANATION OF TABLES
WATER QUALITY MONITORING REPORT
CALIFORNIA STREET LANDFILL
REDLANDS, CALIFORNIA**

Site Monitoring Well Information

- - Not measured, No data provided, or Abandoned.
- ft - feet.
- msl - mean sea level.

Historical Tables

- mg/L - milligrams per liter.
 - µmhos/cm - micromhos per centimeter.
 - µg/L - micrograms per liter.
 - ppb V/V - parts per billion by volume
 - NTU - nephelometric turbidity unit.
 - NS** - Well not sampled during the specified sampling round.
 - NA** - Sample was not analyzed for these parameters during the specified sampling round.
 - 0.23** - Indicates not detected above Practical Quantitation Limit (PQL), Value listed is method detection limit (MDL) or estimated trace concentration (BOLDED).
 - 0.67** - Indicates not detected above Practical Quantitation Limit (PQL), Value listed is method detection limit (MDL) or estimated trace concentration (BOLDED).
 - ND** - Not detected above MDL. In the case of Total Xylenes, laboratory currently analyzes for three xylene species with concentrations indicated on separate rows, if detected.
 - NA** - Requires minimum of two data entries.
 - NC** - Not calculated. Requires minimum of three data entries.
 - (4) - Suspected Field or Laboratory Contaminant.
 - (5) - Analyte analyzed outside of recommended holding time.
- Dissolved Oxygen, pH, Specific Conductance, Temperature, and Turbidity are measured in the field, all other results are determined in the laboratory.

Comparison Tables

- Indicates not detected above Practical Quantitation Limit (PQL). Value listed is MDL or estimated trace concentration (BOLDED).
- NA** - Not Analyzed (in data columns).
- NV** - No value available.
- NC** - Not calculated. Requires minimum of three data entries.
- Value exceeds ARAR limit.
- (1) - California Primary Drinking Water Standards.
- (2) - California Secondary Drinking Water Standards.
- (3) - Federal Maximum Contaminant Level.
- (4) - Suspected Field or Laboratory Contaminant.

Landfill Gas Table

- Indicates not detected above Practical Quantitation Limit (PQL). Value listed is MDL or estimated trace concentration (BOLDED).
- NA** - Requires minimum of two data entries (in calculation columns).
- NC** - Not Calculated. Requires a minimum of three data entries.
- (4) - Suspected Field or Laboratory Contaminant.
- ppb(V/V) - parts per billion (volume for volume ratio).

TABLE 1
MONITORING PARAMETERS AND LABORATORY ANALYTICAL METHODS
SECOND QUARTER (SPRING) 2017 WATER QUALITY MONITORING REPORT
CALIFORNIA STREET LANDFILL

GROUNDWATER, SURFACE WATER, AND LEACHATE					
PARAMETER	TEST METHOD	TECHNIQUE	CONTAINER	PRESERVATIVE	HOLDING TIMES
GENERAL CHEMISTRY					
Dissolved Oxygen	Field Measurement	Field Measurement	Flow-through cell	NA	NA
Oxygen Reduction Potential	Field Measurement	Field Measurement	Flow-through cell	NA	NA
pH	Field Measurement	Field Measurement	Flow-through cell	NA	NA
Specific Conductance	Field Measurement	Field Measurement	Flow-through cell	NA	NA
Temperature	Field Measurement	Field Measurement	Flow-through cell	NA	NA
Turbidity	Field Measurement	Field Measurement	Flow-through cell	NA	NA
GENERAL CHEMISTRY					
Alkalinity-(Total, Bicarbonate, Carbonate, Hydroxide)	SM 2320B	Titration	Plastic	Cool, 4° C	14 days
Carbon Dioxide, Dissolved	SM4500-CO ₂ -C	General Prep	Plastic	Cool, 4° C	24 hours
Chemical Oxygen Demand	EPA 5220D	Colorimetry	Plastic	Cool, 4° C	28 days
Chloride	EPA 9056	Ion Chromatography	Plastic	Cool, 4° C	28 days
Nitrate (N), (NO ₃)	EPA 9056	Colorimetry	Plastic	Cool, 4° C	48 hours
Perchlorate	EPA 314.0	Ion Chromatography	Plastic	Cool, 4° C	28 days
Sulfate	EPA 9056	Ion Chromatography	Plastic	Cool, 4° C	28 days
Total Dissolved Solids	SM2540C	Gravimetric	Plastic	Cool, 4° C	7 days
VOLATILE/SEMI-VOLATILE ORGANIC COMPOUNDS					
Volatile Organics	EPA 5030B/8260B	GC/MS	VOA-Glass	HCl - Cool, 4° C	14 days
DBCP and EDB	EPA 504.1	GC/ECD	VOA-Glass	Sodium Thiosulfate Cool, 4° C	14 days
SOIL-PORE GAS					
PARAMETER	TEST METHOD	TECHNIQUE	CONTAINER	STORAGE	HOLDING TIMES
FIXED GASES					
Carbon Dioxide	Field Measurement	GEM 2000	NA	NA	NA
Methane	Field Measurement	GEM 2000	NA	NA	NA
Nitrogen	Field Measurement	GEM 2000	NA	NA	NA
Oxygen	Field Measurement	GEM 2000	NA	NA	NA
Volatile Organic Compounds	EPA TO15	GC/MS	Summa Canister	Light-Sealed	30 days

Notes:

MS - Mass Spectrometry
 GC - Gas Chromatograph
 GC-FID - Gas Chromatograph - Flame Ionization Detector
 EPA - U.S. Environmental Protection Agency

HCl - Hydrochloric Acid
 VOA - Volatile Organic Analysis
 NA - Not Applicable
 ECD - Electron Capture Detector

**TABLE 2
SAMPLING AND ANALYSIS DATES
SECOND QUARTER (SPRING) 2017 WATER QUALITY MONITORING REPORT
CALIFORNIA STREET LANDFILL**

Sample ID	Sample Collection Date	EPA 9056 Chloride/Sulfate 28 days		EPA 9056 Nitrate (as N) 48 hours		EPA 314.0 Perchlorate 28 days		SM2540C TDS 7 days		SM2320B Alkalinity 14 days	
		Analysis Date	Elapsed Time (Days)	Analysis Date	Elapsed Time (Hours)	Analysis Date	Elapsed Time (Days)	Analysis Date	Elapsed Time (Days)	Analysis Date	Elapsed Time (Days)
B-1C	5/18/17 9:45 AM	5/30/17	12	5/19/17 3:33 PM	5:48:00	5/31/17	14	5/22/17	4	5/19/17	1
B-4R	5/18/17 11:10 AM	5/30/17	12	5/19/17 6:59 PM	7:49:00	6/1/17	14	5/22/17	4	5/19/17	1
B-10C	5/18/17 8:10 AM	5/30/17	12	5/19/17 6:17 PM	10:07:00	5/31/17	14	5/22/17	4	5/19/17	1
B-11	5/18/17 11:10 AM	5/30/17	12	5/19/17 7:19 PM	8:09:00	6/1/17	14	5/22/17	4	5/19/17	1
B-12	5/18/17 11:55 AM	5/30/17	12	5/19/17 7:40 PM	7:45:00	6/1/17	14	5/22/17	4	5/19/17	1
B-13R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-14	5/18/17 8:45 AM	5/30/17	12	5/19/17 8:00 PM	11:15:00	6/1/17	14	5/22/17	4	5/19/17	1
DUP (B-14)	5/18/17 8:45 AM	5/30/17	12	5/19/17 8:21 PM	11:36:00	6/1/17	14	5/22/17	4	5/19/17	1

Sample ID	Sample Collection Date	EPA 504.1 EDB and DBCP 14 days		SM4500-CO ₂ -C Dissolved CO ₂ 1 day		SM5220D Chemical Oxygen Demand 28 days		EPA 8260B VOCs 14 days		EPA TO15 VOCs (Gas) 30 days (Summa canister)	
		Analysis Date	Elapsed Time (Days)	Analysis Date	Elapsed Time (Days)	Analysis Date	Elapsed Time (Days)	Analysis Date	Elapsed Time (Days)	Analysis Date	Elapsed Time (Days)
B-1C	5/18/17 9:45 AM	5/25/17	7	5/18/17	0	5/26/17	8	5/24/17	7	NA	NA
B-4R	5/18/17 11:10 AM	5/25/17	7	5/18/17	0	5/31/17	13	5/24/17	6	NA	NA
B-10C	5/18/17 8:10 AM	5/24/17	7	5/18/17	0	5/26/17	8	5/24/17	7	NA	NA
B-11	5/18/17 11:10 AM	5/25/17	7	5/18/17	0	5/31/17	13	5/24/17	7	NA	NA
B-12	5/18/17 11:55 AM	5/25/17	7	5/18/17	0	5/31/17	13	5/24/17	6	NA	NA
B-13R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-14	5/18/17 8:45 AM	5/25/17	7	5/18/17	0	5/31/17	13	5/25/17	7	NA	NA
DUP (B-14)	5/18/17 8:45 AM	5/25/17	7	5/18/17	0	5/31/17	13	5/24/17	7	NA	NA
P-4A	5/18/17	NA	NA	NA	NA	NA	NA	NA	NA	5/19/2017	1

NOTES:

- DUP Duplicate Sample
- N Nitrogen
- NA Not analyzed
- PCB Polychlorinated Biphenyls
- TDS Total dissolved solids
- VOCs Volatile organic compounds

TABLE 3A
QA/QC SUMMARY DATA: BLANK ANALYSES
SECOND QUARTER (SPRING) 2017 WATER QUALITY MONITORING REPORT
CALIFORNIA STREET LANDFILL

BLANK TYPE	DATE SAMPLED	ANALYTE CONCENTRATIONS REPORTED
Laboratory Work Order: 7B16091 - GAS		
Method Blank		None Detected
Laboratory Work Order: 7B16088- GROUNDWATER		
Field Blank	5/18/17	Methylene choride 16 µg/L
		Naphthalene 0.85j µg/L
Trip Blank	5/18/17	Naphthalene 0.82j µg/L
Method Blank	5/18/17	Alkalinity 2.69 mg/L
		Bicarbonate Alkalinity 3.29 mg/L
		Carbon dioxide, free 0.828 and 5.80 mg/L
		Chemical Oxygen Demand 1.09 mg/L
		Naphthalene 0.870 µg/L

Note: "j" - Indicates trace concentration.

TABLE 3B
QA/QC SUMMARY DATA: GROUNDWATER DUPLICATE ANALYSES
SECOND QUARTER (SPRING) 2017 WATER QUALITY MONITORING REPORT
CALIFORNIA STREET LANDFILL

ANALYTE	B-14 05/18/17	DUPLICATE 05/18/17	RPD %
GENERAL CHEMISTRY (mg/L):			
Alkalinity as CaCO ₃	190	200	5.1
Bicarbonate Alkalinity	240	240	0.0
Carbon Dioxide, Free	1.24	1.24	NC
Chemical Oxygen Demand	11	1.4	NC
Chloride	19	19	0.0
Nitrate (as NO ₃)	10	10	0.0
Perchlorate (µg/L)	27	27	0.0
Sulfate	49	49	0.0
Total Dissolved Solids (TDS)	380	390	2.6
VOLATILE ORGANIC COMPOUNDS (mg/L):			
Naphthalene	0.20	0.82	NC
Trichloroethene	2.9	2.8	3.5
EDB AND DCP (EPA 504.1): None Detected			
1,2-Dibromo-3-chloropropane	0.048	0.053	9.9

NC: Not calculated; no value was reported above the MDL in at least one of the samples.

**TABLE 4
SITE MONITORING WELL INFORMATION
CALIFORNIA STREET LANDFILL**

WELL INFORMATION	WELL NUMBER							
	B-1C	B-4R	B-10C	B-11	B-12	B-13	B-13R	B-14
Coordinates of well:								
Northing	2341933.91	2341491.87	2341708.92	2341194.25	2340428.32	2340331.94		2340639.02
Easting	6271432.81	6266102.94	6270463.20	6268678.39	6268435.83	6267417.58		6266372.43
Elevation of well (ft above msl):								
Top of well monument	1187.04	1127.42	1175.91	1180.70	1180.50	1176.44	1163.31	1155.34
Ground surface	1184.27	1127.42	1172.80	1180.70	1180.50	1176.44	1163.31	1155.34
Top of well casing	1186.34	1126.93	1175.31	1179.93	1179.88	1175.88	1162.82	1154.90
Total depth of well (ft): as of August 20, 2008	320.50	259.00	302.84	311.60	290.00	299.30	215.00	295.36
Depth of screened interval	136-320	117-259	150-300	160-311	160-290	156-299	175-215	145-295
Depth to water from top of well casing (ft):								
03/26/03	154.30	134.90	151.80	168.40	169.70	163.20		160.40
06/09/03	151.30	134.90	153.60	171.30	171.90	166.40		166.55
08/19/03	156.20	140.00	160.40	178.40	178.20	173.20		166.70
10/23/03	168.40	144.50	166.30	182.70	182.40	177.20		171.20
01/16/04	163.90	144.90	161.60	179.20	179.90	173.20		171.00
04/15/04	163.65	144.50	162.40	179.80	180.10	174.40		170.80
08/12/04	178.30	152.60	175.00	191.90	191.30	--		179.30
10/19/04	180.40	157.00	178.10	193.20	193.90	186.80		185.30
02/10/05	166.70	149.60	164.70	181.90	185.20	177.50		176.70
04/25/05	148.90	131.80	149.10	166.60	172.10	166.30		162.60
08/29/05	163.20	141.50	162.80	179.20	181.20	176.00		170.10
12/06/05	165.20	147.30	164.80	181.80	183.40	177.90		174.70
03/23/06	164.20	148.00	161.25	179.00	181.00	175.70		174.30
05/23/06	161.80	142.80	160.40	178.40	180.25	175.00		171.50
07/31/06	169.00	148.50	167.10	185.00	185.30	180.60		176.30
10/11/06	170.90	153.20	169.40	187.60	188.55	183.70		180.35
03/18/07	--	155.50	167.50	186.25	187.00	183.67		180.58
05/31/07	176.00	159.50	173.63	192.33	192.00	187.67		185.00
08/08/07	181.25	162.75	179.58	198.21	197.00	193.33		189.42
01/08/08	182.30	166.60	171.58	194.95	195.63	190.00		191.33
03/13/08	181.20	162.90	178.70	196.70	196.30	--		--
06/06/08	186.27	169.50	184.20	201.90	201.60	197.50		195.90
08/20/08	190.90	173.01	189.28	207.36	206.39	203.08		200.29
11/11/08	191.67	175.90	189.26	206.59	204.73	202.91		202.20
02/26/09	186.72	174.35	183.27	200.05	201.06	195.34		198.15
05/28/09	189.21	174.67	187.20	204.83	204.55	200.68		200.66
09/03/09	195.84	179.11	194.11	211.98	211.29	207.67		205.86
11/11/09	197.67	181.01	196.00	215.55	214.48	210.79		207.84
01/28/10	189.31	181.18	189.26	206.94	206.78	202.43		205.20
05/13/10	190.09	177.57	189.39	207.31	205.89	203.29		203.82
09/20/10	197.14	181.80	197.15	216.24	217.69	212.44		210.52
11/18/10	197.52	183.35	197.14	215.90	217.52	211.99		211.13
02/16/11	188.22	179.43	188.98	208.23	206.77	205.19		206.97
05/31/11	173.62	153.65	175.01	193.43	198.95	193.71		189.35
09/22/11	185.00	166.20	183.44	201.46	202.83	199.09		195.79
11/10/11	184.16	169.85	182.55	200.77	201.74	197.54		198.00
02/09/12	179.48	170.76	177.98	197.27	198.56	194.93		197.25
05/29/12	176.76	170.09	176.42	197.03	197.42	195.65		197.52
08/16/12	182.17	174.11	182.11	202.24	201.20	201.05		201.84
11/19/12	184.88	178.41	184.00	203.62	204.73	201.00		204.24
01/29/13	180.39	176.99	179.24	198.51	199.47	195.85		200.92
04/04/13	180.88	176.10	179.67	199.48	199.67	197.23		201.00
07/20/13	--	--	--	--	--	Abandoned	200.85	--
09/18/13	192.25	183.09	191.63	211.75	212.35	--	201.89	210.04
11/25/13	191.32	184.57	190.43	209.41	210.50	--	204.03	208.94
02/06/14	191.55	184.87	189.74	208.92	210.99	--	204.02	209.82
05/27/14	195.00	187.56	194.08	213.81	214.42	--	203.63	212.35
08/19/14	200.24	190.43	200.58	220.86	220.89	--	205.84	216.72
11/25/14	203.89	193.28	203.70	222.83	222.75	--	207.49	218.08
02/26/15	201.96	191.99	200.41	218.78	219.38	--	208.09	215.62
05/11/15	206.57	194.50	205.86	225.38	226.07	--	209.84	220.09
08/20/15	218.51	198.90	215.19	233.48	233.44	--	211.73	226.22
11/19/15	215.77	202.38	216.53	235.62	235.77	--	212.82	229.24
02/29/16	215.74	203.35	215.07	233.41	234.32	--	213.44	228.23
05/11/16	215.22	204.62	216.34	235.58	236.71	--	213.79	229.99
09/29/16	229.42	210.35	227.97	246.56	248.23	--	214.15	239.72
11/09/16	229.38	211.22	227.11	246.28	247.82	--	214.26	238.52
02/16/17	156.77	211.15	223.13	241.66	243.34	--	214.38	235.72
05/18/17	230.73	210.22	227.51	245.61	247.42	--	214.39	238.71
Elevation of water surface (ft above msl):								
03/26/03	1032.04	992.03	1023.51	1011.53	1010.18	1012.68		994.50
06/09/03	1035.04	992.03	1021.71	1008.63	1007.98	1009.48		988.35
08/19/03	1030.14	986.93	1014.91	1001.53	1001.68	1002.68		988.20
10/23/03	1017.94	982.43	1009.01	997.23	997.48	998.68		983.70
01/16/04	1022.44	982.03	1013.71	1000.73	999.98	1002.68		983.90
04/15/04	1022.69	982.43	1012.91	1000.13	999.78	1001.48		984.10
08/12/04	1008.04	974.33	1000.31	988.03	988.58	--		975.60
10/19/04	1005.94	969.93	997.21	986.73	985.98	989.08		969.60
02/10/05	1019.64	977.33	1010.61	998.03	994.68	998.38		978.20
04/25/05	1037.44	995.13	1026.21	1013.33	1007.78	1009.58		992.30
08/29/05	1023.14	985.43	1012.51	1000.73	998.68	999.88		984.80
12/06/05	1021.14	979.63	1010.51	998.13	996.48	997.98		980.20
03/23/06	1022.14	978.93	1014.06	1000.93	998.88	1000.18		980.60
05/23/06	1024.54	984.13	1014.91	1001.53	999.63	1000.88		983.40
07/31/06	1017.34	978.43	1008.21	994.93	994.58	995.28		978.60
10/11/06	1015.44	973.73	1005.91	992.33	991.33	992.18		974.55
03/18/07	--	971.43	1007.81	993.68	992.88	992.21		974.32
05/31/07	1010.34	967.43	1001.68	987.60	987.88	988.21		969.90
08/08/07	1005.09	964.18	995.73	981.72	982.88	982.55		965.48
01/08/08	1004.04	960.33	1003.73	984.98	984.25	985.88		963.57
03/13/08	1005.14	964.03	996.61	983.23	983.58	--		--
06/06/08	1000.07	957.43	991.11	978.03	978.28	978.38		959.00
08/20/08	995.44	953.92	986.03	972.57	973.49	972.80		954.61
11/11/08	994.67	951.03	986.05	973.34	975.15	972.97		952.70
02/26/09	999.62	952.58	992.04	979.88	978.82	980.54		956.75
05/28/09	997.13	952.26	988.11	975.10	975.33	975.20		954.24
09/03/09	990.50	947.82	981.20	967.95	968.59	968.21		949.04
11/11/09	988.67	945.92	979.31	964.38	965.40	965.09		947.06
01/28/10	997.03	945.75	986.05	972.99	973.10	973.45		949.70
05/13/10	996.25	949.36	985.92	972.62	973.99	972.59		951.08
09/20/10	989.20	945.13	978.16	963.69	962.19	963.44		944.38
11/18/10	988.82	943.58	978.17	964.03	962.36	963.89		943.77

TABLE 4 (continued)
SITE MONITORING WELL INFORMATION
CALIFORNIA STREET LANDFILL

WELL INFORMATION	WELL NUMBER							
	B-1C	B-4R	B-10C	B-11	B-12	B-13	B-13R	B-14
Elevation of water surface (ft above msl):								
02/16/11	998.12	947.50	986.33	971.70	973.11	970.69		947.93
05/31/11	1012.72	973.28	1000.30	986.50	980.93	982.17		965.55
09/22/11	1001.34	960.73	991.87	978.47	977.05	976.79		959.11
11/10/11	1002.18	957.08	992.76	979.16	978.14	978.34		956.90
02/09/12	1006.86	956.17	997.33	982.66	981.32	980.95		957.65
05/29/12	1009.58	956.84	998.89	982.90	982.46	980.23		957.38
08/16/12	1004.17	952.82	993.20	977.69	978.68	974.83		953.06
11/19/12	1001.46	948.52	991.31	976.31	975.15	974.88		950.66
01/29/13	1005.95	949.94	996.07	981.42	980.41	980.03		953.98
04/04/13	1005.46	950.83	995.64	980.45	980.21	978.65		953.90
07/20/13	-	-	-	-	-	-		-
09/18/13	994.09	943.84	983.68	968.18	967.53	Abandoned	961.97	944.86
11/25/13	995.02	942.36	984.88	970.52	969.38	-	960.93	945.96
02/06/14	994.79	942.06	985.57	971.01	968.89	-	958.79	945.08
05/27/14	991.34	939.37	981.23	966.12	965.46	-	958.80	942.55
08/19/14	986.10	936.50	974.73	959.07	958.99	-	959.19	942.55
11/25/14	982.45	933.65	971.61	957.10	957.13	-	956.98	938.18
02/26/15	984.38	934.94	974.90	961.15	960.50	-	955.33	936.82
5/11/15	979.77	932.43	969.45	954.55	953.81	-	954.73	939.28
08/20/15	967.83	928.03	960.12	946.45	946.44	-	952.98	934.81
11/19/15	970.57	924.55	958.78	944.31	944.11	-	951.09	928.68
02/29/16	970.60	923.58	960.24	946.52	945.56	-	950.00	925.66
05/11/16	971.12	922.31	958.97	944.35	943.17	-	949.38	926.67
09/29/16	956.92	916.58	947.34	933.37	931.65	-	949.03	924.91
11/09/16	956.96	915.71	948.20	933.65	932.06	-	948.67	915.18
02/16/17	1029.57	915.78	952.18	938.27	936.54	-	948.56	916.38
05/18/17	955.61	916.71	947.80	934.32	932.46	-	948.44	919.18
							948.43	916.19

**TABLE 5
HISTORICAL SUMMARY DATA - MONITORING WELL B-1C
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Mar 2003	Jun 2003	Aug 2003	Oct 2003	Jan 2004	Mar 2004	Apr 2004	Aug 2004	Oct 2004	Feb 2005
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature	(C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	190	230	170	180	220	230	230	210	190	160
Bicarbonate	mg/L	230	280	200	220	270	280	280	260	230	190
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	30	60	28	19	70	NA	26	16	11	28
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	NA	NA	NA	NA	NA	NA	NA	16	18	3.4
Chloride	mg/L	82	65	72	76	76	80	73	61	72	75
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	0.5	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	200	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	3.2	13	2.3	1.9	2.9	3.5	6.3	2.8	9.5	15
Perchlorate	µg/L	2.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	7.2	6.9	7.1	7.3	6.8	7.0	7.1	7.4	7.5	7.0
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	2.0	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	2.2	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	800	NA	NA	NA	NA
Sulfate	mg/L	45	41	44	48	46	48	64	50	55	54
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	450	490	420	420	480	500	490	430	470	480
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	2.0	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	8.13	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	8.1	NA	NA	NA	NA
METALS (mg/L):											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	1.1	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	53	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	260	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	0.080	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	62	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	14	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	8.8	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	17	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	4.6	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	11	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	53	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	5.6	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	10	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	0.74	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	90	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	17	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	64	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	16	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	210	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	6.9	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	0.15	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	11	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	44	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	3.4	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B)											
2-Butanone (MEK)	µg/L	ND	ND	ND	16	23	NA	14	NA	NA	NA
Acetone	µg/L	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA
Bromodichloromethane	µg/L	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA
Chloroform	µg/L	ND	0.48	0.19	ND	ND	NA	ND	NA	NA	NA
Dibromochloromethane	µg/L	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA
Methylene Chloride	µg/L	ND	ND	ND	ND	ND	NA	ND	NA	NA	NA
EDB and DBCP (EPA 504.1): ND											
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											

TABLE 5 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-1C
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Apr 2005	Aug 2005	Dec 2005	Mar 2006	May 2006	Jul 2006	Oct 2006	May 2007	Aug 2007	Jan 2008
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature	(C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	220	180	200	190	200	210	170	170	170	130
Bicarbonate	mg/L	270	220	240	240	250	260	200	200	210	NA
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	34	50	50	30	30	0.1	25	14	12	12
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	6.5	6.5	6.5		11	14	15	NA	NA	15
Chloride	mg/L	70	86	81	81	81	85	86	83	25	18
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	25	7.9	2.4	5.2	6.1	15	3.1	5.2	8.1	5.2
Perchlorate	µg/L	NA	NA	NA	NA	NA	NA	NA	2.7	2.5	1.5
pH	units	7.0	7.0	7.2	7.0	7.1	7.2	7.3	7.5	7.27	7.17
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	62	50	44	43	44	39	47	59	26	28
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	620	440	450	490	470	510	430	410	340	240
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L): NA											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B)											
2-Butanone (MEK)	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/L	NA	NA	NA	NA	1.4	NA	1.6	NA	NA	13
Bromodichloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/L	NA	NA	NA	NA	2.2	2.1	NA	0.55	0.26	1.2
Dibromochloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/L	NA	NA	NA	1.2	0.16	NA	NA	NA	NA	NA
EDB and DBCP (EPA 504.1): ND											
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 5 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-1C
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Mar 2008	Jun 2008	Aug 2008	Nov 2008	Feb 2009	May 2009	Sep 2009	Nov 2009	Jan 2010	Retest "A" Mar 2010
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	1.87	1.84	14.72	7.56	2.13	1.52	1.66	6.23
ORP	mv	NA	NA	90	35	86	199	105	179	293	142
pH	units	NA	NA	6.52	6.53	6.50	6.64	6.64	6.71	6.87	6.36
Specific Conductance	µmhos/cm	NA	NA	526	411	262	433	754	799	883	807
Temperature	(C°)	NA	NA	22.2	20.40	19.20	21.62	22.26	20.65	20.68	21.1
Turbidity	NTU	NA	NA	22.2	5	<5	<5	<0.1	<0.1	<0.1	<0.1
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	150	100	180	140	96	160	150	150	150	NA
Bicarbonate	mg/L	NA	NA	220	170	120	200	190	190	180	NA
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	150	NA
Carbon dioxide, dissolved	mg/L	16	7.0	21	14	3.5	23	18	18	35	NA
Carbonate	mg/L	NA	NA	1.2	1.2	1.2	1.2	1.2	1.2	1.2	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	2.0	NA
Chemical Oxygen Demand	mg/L	58	15	15	15	15	15	15	15	15	NA
Chloride	mg/L	18	9.1	26	15	6.8	22	87	97	100	NA
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.017	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.40	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	190	NA
Hydroxide	mg/L	NA	NA	0.70	0.70	0.70	0.70	0.70	0.70	0.70	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	2.0	NA
Nitrate-Nitrogen	mg/L	8.3	2.6	8.4	5.8	1.1	3.4	6.6	7.1	7.9	NA
Perchlorate	µg/L	3.0	1.5	3.0	0.95	0.90	1.1	0.90	1.8	0.90	NA
pH	units	7.47	7.33	7.25	7.36	8.01	7.14	7.11	7.23	7.19	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.025	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	4.4	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	1.4	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	770	NA
Sulfate	mg/L	27	20	35	25	16	29	46	51	49	NA
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.024	NA
Total Dissolved Solids	mg/L	320	140	360	220	150	280	410	490	480	NA
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.90	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.13	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	7.5	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	7.5	NA
METALS (mg/L): NA											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.30	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0012	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.055	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.10	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.25	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00025	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	61	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00090	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0010	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0056	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.015	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.20	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	11	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.24	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00010	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0021	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0031	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	8.7	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00077	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.10	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	77	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.20	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0053	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	5.0	NA
DISSOLVED METALS											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B)											
2-Butanone (MEK)	µg/L	NA	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	16	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Bromodichloromethane	µg/L	NA	ND	ND	ND	ND	ND	ND	ND	1.4	1.8
Chloroform	µg/L	NA	0.33	0.33	0.33	0.33	0.73	0.65	2.3	7.6	13
Dibromochloromethane	µg/L	NA	ND	ND	ND	ND	ND	ND	ND	0.40	0.40
Methylene Chloride	µg/L	NA	2.3	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
EDB and DBCP (EPA 504.1): ND											
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											

**TABLE 5 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-1C
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Retest "B" Mar 2010	May 2010	Sept 2010	Nov 2010	Feb 2011	May 2011	Sept 2011	Nov 2011	Feb 2012	May 2012
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	6.23	0.52	1.30	0.98	7.79	0.90	1.10	1.03	1.05	1.37
ORP	MV	142	94	197	209	179	185	172	148	181	173
pH	units	6.36	6.85	6.62	6.57	6.67	6.76	6.93	6.91	7.10	6.59
Specific Conductance	µmho/cm	807	797	667	736	765	820	828	770	617	674
Temperature	(°C)	21.1	21.94	22.90	23.48	21.79	21.35	23.43	22.47	21.96	21.59
Turbidity	NTU	<0.1	<0.1	22	7.4	0.9	<0.1	<0.1	<5	<5	2.3
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	NA	160	150	130	170	140	160	170	180	170
Bicarbonate	mg/L	NA	190	180	160	210	180	200	210	180	170
Bicarbonate Alkalinity	mg/L	NA	160	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	NA	11	7.0	14.0	14.0	11.0	11.0	16	28	32
Carbonate	mg/L	NA	1.2	1.2	1.2	1.2	1.2	1.2	1.2	NA	NA
Carbonate Alkalinity	mg/L	NA	2.0	NA	NA	NA	NA	NA	NA	4.0	4.0
Chemical Oxygen Demand	mg/L	NA	16	16	16	16	16	16	16	16	16
Chloride	mg/L	NA	95	90	87	94	90	94	91	50	55
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	0.54	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	0.70	0.70	0.70	0.70	0.70	0.70	0.70	NA	NA
Hydroxide Alkalinity	mg/L	NA	2.0	NA	NA	NA	NA	NA	NA	4.0	4.0
Nitrate-Nitrogen	mg/L	NA	6.9	6.6	5.8	8.9	6.8	5.3	4.5	7.2	8.5
Perchlorate	µg/L	NA	1.8	4.5	4.5	0.90	0.90	4.8	4.8	4.8	4.8
pH	units	NA	7.30	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	NA	50	44	44	45	44	43	43	45	37
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	NA	450	440	420	500	440	450	430	330	400
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	7.4	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B)											
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Bromodichloromethane	µg/L	1.8	2.0	1.4	1.3	2.4	3.5	0.30	0.30	0.30	0.30
Chloroform	µg/L	12	16	12	13	20	31	6.9	4.7	1.5	1.4
Dibromochloromethane	µg/L	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Methylene Chloride	µg/L	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
EDB and DBCP (EPA 504.1): ND											
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

**TABLE 5 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-1C
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Aug 2012	Nov 2012	Jan 2013	Apr 2013	Sep 2013	Nov 2013	Feb 2014	May 2014	Aug 2014	Nov 2014
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	0.69	2.15	5.41	0.78	1.44	1.36	1.10	1.29	1.31	7.58
ORP	MV	271	214	231	130	205	285	144	252	167	161
pH	units	6.21	6.22	6.57	6.67	6.77	6.77	6.80	6.73	6.23	7.56
Specific Conductance	µmho/cm	868	767	700	895	809	847	899	566	758	692
Temperature	(C°)	21.47	21.19	19.62	20.76	21.20	20.67	19.77	23.89	23.00	22.63
Turbidity	NTU	<5	0.3	0.1	<5	0.1	0.0	0.1	0.0	0.2	137.0
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	160	140	170	180	210	180	180	180	180	130
Bicarbonate	mg/L	160	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity	mg/L	NA	140	170	180	210	180	180	180	180	130
Carbon dioxide, dissolved	mg/L	25	14	14	21	14	7.0	19	28	NA	16
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	4.0	0.00	0.00	0.00	4.0	0.00	0.00	4.0	0.00	0.00
Chemical Oxygen Demand	mg/L	16	16	16	18	10	10	10	17	10	23
Chloride	mg/L	88	93	47	86	53	110	110	59	86	94
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	4.0	0.00	0.00	0.00	4.0	0.00	0.00	4.0	0.00	0.00
Nitrate-Nitrogen	mg/L	15	7.5	8.8	16	8.6	6.9	8.2	8.8	21	9.1
Perchlorate	µg/L	0.95	0.95	1.9	0.95	1.4	0.95	0.95	1.5	0.95	0.95
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	60	43	39	48	38	51	47	39	49	43
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	580	440	390	530	450	480	510	420	600	470
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B)											
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	4.7	2.5	2.5	2.5	2.5	2.5	2.5
Acetone	µg/L	4.5	4.5	4.5	4.5	2.5	4.5	4.5	4.5	4.5	4.5
Bromodichloromethane	µg/L	0.30	0.30	0.30	0.30	0.25	0.25	0.25	0.25	4.9	3.4
Chloroform	µg/L	1.7	2.4	1.9	3.1	0.55	0.45	1.2	2.1	18	18
Dibromochloromethane	µg/L	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	1.0	0.38
Methylene Chloride	µg/L	0.95	0.95	0.95	0.95	0.89 ^(d)	0.88	0.88	0.88	0.88	0.88
EDB and DBCP (EPA 504.1): ND											
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 5 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-1C
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Feb 2015	May 2015	Aug 2015	Nov 2015	Feb 2016	May 2016	Sep 2016	Nov 2016
FIELD PARAMETERS									
Dissolved Oxygen	mg/L	5.23	4.95	3.56	4.71	3.65	3.37	2.18	7.22
ORP		271	106	218	115	182	215	258	71
pH	units	6.83	5.97	6.48	7.11	7.11	7.36	7.01	8.06
Specific Conductance	µmho/cm	1360	2620	694	719	618	606	694	968
Temperature	(C°)	23.13	22.31	22.35	20.71	22.29	22.46	23.81	26.04
Turbidity	NTU	16.6	30.5	109.0	520.0	436.0	32.6	195.0	159
GENERAL CHEMISTRY									
Alkalinity as CaCO3	mg/L	150	150	160	130	150	140	140	140
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity	mg/L	150	150	160	130	150	140	170	170
Carbon dioxide, dissolved	mg/L	25	16	18	18	12	16	43.3	4.54
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	4.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0
Chemical Oxygen Demand	mg/L	10	12	10	41	10	10	13	5.0
Chloride	mg/L	91	93	89	130	100	100	130	140
Cyanide, total	mg/L	NA	NA	0.013	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	0.68	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	180	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	4.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0
Nitrate-Nitrogen	mg/L	9.4	8.8	10	9.8	9.0	9.0	7.5	11
Perchlorate	µg/L	0.95	1.9	0.95	0.95	0.95	9.5	2.0	2.0
pH	units	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	0.005	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	4.7	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	1.5	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	42	40	45	57	45	37	43	45
Sulfide	mg/L	NA	NA	0.020	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	480	430	430	510	490	500	510	490
Total Organic Carbon (TOC)	mg/L	NA	NA	1.6	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	0.082	NA	NA	NA	NA	NA
ANIONS and CATIONS									
Anions, total	meq/L	NA	NA	7.4	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	7.6	NA	NA	NA	NA	NA
METALS (mg/L):									
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	0.0011	10	NA	NA	NA	NA
Barium	mg/L	NA	NA	0.082	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	0.00025	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	0.19	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	0.00025	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	57	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	0.00096	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	0.0013	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	0.0092	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	0.92	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	0.00056	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	11	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	1.2	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	0.00010	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	0.0069	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	0.029	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	9.6	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	0.0005	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	0.0005	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	82	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	0.0005	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	0.0093	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	0.00025	NA	NA	NA	NA	NA
DISSOLVED METALS									
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B)									
2-Butanone (MEK)	µg/L	2.5	2.5	2.5	2.5	2.5	5.0	5.0	
Acetone	µg/L	4.5	4.5	NA	2.5	10	10	5.0	5.0
Bromodichloromethane	µg/L	2.0	2.2	0.27	5.1	2.0	2.8	1.0	7.3
Chloroform	µg/L	14	22	5.8	31	16	32	10	24
Dibromochloromethane	µg/L	0.25	0.25	0.25	0.45	0.25	1.0	1.0	1.4
Methylene Chloride	µg/L	0.88	0.88	0.88	0.88	0.88	0.88	1.0	1.0
EDB and DBCP (EPA 504.1): ND									
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND									

**TABLE 5 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-1C
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Feb 2017	May 2017	MED.	AVG.	STD. DEV.	MIN.	MAX.	CURRENT MODE
FIELD PARAMETERS									
Dissolved Oxygen	mg/L	5.29	5.54	2.0	3.38	2.99	0.52	14.72	Detection
ORP	MV	52	93	176	170	66	35	293	Detection
pH	units	7.57	7.66	6.72	6.8	0.43	5.97	8.06	Tracking
Specific Conductance	µmho/cm	934	1070	766	801	356	262	2620	Detection
Temperature (C°)		21.60	21.61	21.7	21.86	1.32	19.2	26.04	Detection
Turbidity	NTU	142	43.9	22	81.62	139.26	0	520	Detection
GENERAL CHEMISTRY									
Alkalinity as CaCO3	mg/L	160	130	170	168	30	96	230	Detection
Bicarbonate	mg/L	NA	NA	205	212	39	120	280	Detection
Bicarbonate Alkalinity	mg/L	200	160	160	164	21.33	130	210	Detection
Carbon dioxide, dissolved	mg/L	39.6	0.828	18	21.7	13.7	0.8	70	Detection
Carbonate	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Carbonate Alkalinity	mg/L	2.0	0.56	0	0.0	0.00	0	0	Detection
Chemical Oxygen Demand	mg/L	4.6	8.0	15.5	19.19	14.02	4.6	58	Detection
Chloride	mg/L	120	100	85.5	77.1	30.1	6.8	140	Tracking
Cyanide, total	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Fluoride	mg/L	NA	NA	0.52	0.53	0.12	0.40	0.68	Detection
Hardness (as CaCO3)	mg/L	NA	NA	190	190	10.00	180	200	Detection
Hydroxide	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Hydroxide Alkalinity	mg/L	2.0	0.56	0	0.0	0.00	0	0	Detection
Nitrate-Nitrogen	mg/L	9.4	9.6	7.7	7.91	4.4	1.1	25	Detection
Perchlorate	µg/L	0.95	0.95	1.90	1.93	0.73	0.95	3.0	Detection
pH	units	NA	NA	7.2	7.21	0.23	6.8	8.01	Tracking
Phenols	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Phosphate (PO4)	mg/L	NA	NA	4.4	3.7	1.5	2.0	4.7	Detection
Phosphorus	mg/L	NA	NA	1.5	1.7	0.44	1.4	2.2	Detection
Specific Conductance	µmhos/cm	NA	NA	NC	NC	NC	NC	NC	Detection
Sulfate	mg/L	50	41	44	44	9	16	64	Detection
Sulfide	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Total Dissolved Solids	mg/L	490	440	450	438	92	140	620	Detection
Total Organic Carbon (TOC)	mg/L	NA	NA	1.6	1.50	0.56	0.90	2.0	Detection
Total Organic Halides (TOX)	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
ANIONS and CATIONS									
Anions, total	meq/L	NA	NA	7.45	7.61	0.35	7.4	8.13	Detection
Cations, total	meq/L	NA	NA	7.6	7.7	0.32	7.5	8.1	Detection
METALS (mg/L):									
Antimony	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Arsenic	mg/L	NA	NA	0.00	0.37	0.63	0.0011	1.1	Detection
Barium	mg/L	NA	NA	0.08	17.71	30.56	0.055	53	Detection
Beryllium	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Boron	mg/L	NA	NA	0	87	150	0.19	260	Detection
Cadmium	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Calcium	mg/L	NA	NA	61	60	2.65	57	62	Detection
Chromium	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Cobalt	mg/L	NA	NA	0.0	2.9	5.08	0.001	8.8	Detection
Copper	mg/L	NA	NA	0.0	5.7	9.81	0.0056	17	Detection
Iron	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Lead	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Magnesium	mg/L	NA	NA	11	11	0	11	11	Detection
Manganese	mg/L	NA	NA	1.2	18.15	30.19	0.24	53	Detection
Mercury	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Molybdenum	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Nickel	mg/L	NA	NA	0.0	1.9	3.22	0.0031	5.6	Detection
Potassium	mg/L	NA	NA	9.6	9.4	0.67	8.7	10	Detection
Selenium	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Silver	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Sodium	mg/L	NA	NA	82	83	6.56	77	90	Detection
Thallium	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Vanadium	mg/L	NA	NA	0.0	5.7	9.81	0.0053	17	Detection
Zinc	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
DISSOLVED METALS									
Dissolved Calcium	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Copper	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Hardness	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Iron	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Lead	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Magnesium	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Manganese	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Zinc	mg/L	NA	NA	NC	NC	NC	NC	NC	Detection
VOLATILE ORGANIC COMPOUNDS (EPA 8260B)									
2-Butanone (MEK)	µg/L	5.0	5.0	16	17.67	4.73	14	23	Detection
Acetone	µg/L	0.79	0.79	7.3	8.00	7.6	1.4	16	Detection
Bromodichloromethane	µg/L	5.4	2.0	2.0	2.79	1.75	0.27	7.3	Detection
Chloroform	µg/L	23	19	5.25	9.43	9.70	0.19	32	Detection
Dibromochloromethane	µg/L	0.49	0.29	0.49	0.744	0.441	0.38	1.4	Detection
Methylene Chloride	µg/L	0.2	0.34	1.20	1.22	1.07	0.16	2.3	Detection
EDB and DBCP (EPA 504.1): ND									
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND									

**TABLE 6
HISTORICAL SUMMARY DATA - MONITORING WELL B-4R
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Mar 2003	Jun 2003	Aug 2003	Oct 2003	Jan 2004	Mar 2004	Apr 2004	Aug 2004	Oct 2004	Feb 2005
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature	(C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	180	220	240	260	250	200	230	230	220	200
Bicarbonate	mg/L	230	280	290	310	300	250	280	290	270	250
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	12	47	30	32	100	NA	28	9	16	30
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	NA	NA	NA	NA	NA	NA	NA	16	10	3.4
Chloride	mg/L	47	23	32	52	40	52	30	30	31	69
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	0.3	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	230	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	7.8	14	11	9.8	10	8.6	12	12	12	6.7
Perchlorate	µg/L	0.28	22	16	9.7	14	NA	19	18	22	1.4
pH	units	7.4	7.0	7.2	7.2	6.7	7.1	7.1	7.8	7.4	7.1
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	720	NA	NA	NA	NA
Sulfate	mg/L	43	48	44	49	49	48	50	47	48	52
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	420	440	460	500	480	460	440	460	440	460
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	1.3	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	7.09	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	7.1	NA	NA	NA	NA
METALS (mg/L):											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	39	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	200	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	72	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	9.2	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	3.2	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	0.13	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	13	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	3.4	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	4.1	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	0.71	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	53	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	2.2	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
DISSOLVED METALS											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	72	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	0.73	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	230	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	0.061	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	13	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	1.5	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	NA	NA	NA	NA	13	NA	8.4	NA	NA	NA
Acetone	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	NA	0.40	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	NA	NA	NA	NA	NA	NA	0.24	0.38	NA	NA
EDB and DBCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.012	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											

TABLE 6 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-4R
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Apr 2005	Aug 2005	Dec 2005	Mar 2006	May 2006	Jul 2006	Oct 2006	Mar 2007	May 2007	Aug 2007
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature	(C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	180	120	110	150	120	120	96	140	160	180
Bicarbonate	mg/L	220	150	130	180	180	140	120	170	190	210
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	33	13	13	10	8	0.1	8.8	11	1.3	12
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	NA	6.5	6.5	6.5	6.5	14	15	NA	NA	NA
Chloride	mg/L	46	7.2	4.4	27	5.1	5	5.8	14	21	33
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	15	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	4.6	2.1	1.4	4.4	1.5	1.2	1.4	3.8	5.9	7.2
Perchlorate	µg/L	1.9	NA	NA	NA	NA	NA	NA	NA	NA	1.9
pH	units	7.1	7.3	7.4	7.4	7.5	7.4	7.4	7.2	7.6	7.23
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	39	16	12	29	13	11	14	20	31	29
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	390	170	180	320	190	170	160	190	290	360
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L): NA											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/L	NA	NA	NA	NA	NA	1.4	NA	NA	NA	NA
Carbon Disulfide	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/L	NA	0.38	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EDB and DBCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 6 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-4R
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Jan 2008	Mar 2008	Jun 2008	Aug 2008	Nov 2008	Feb 2009	May 2009	Sep 2009	Nov 2009	Jan 2010
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	3.12	0.93	2.87	5.76	5.13	5.64	3.71
ORP	MV	NA	NA	NA	152	33	96	154	127	202	282
pH	units	NA	NA	NA	7.15	7.14	7.0	7.13	6.66	6.92	7.22
Specific Conductance	µmho/cm	NA	NA	NA	652	746	630	724	841	785	722
Temperature	(C°)	NA	NA	NA	22.19	21.52	22.5	23.22	24.70	22.00	21.0
Turbidity	NTU	NA	NA	NA	22.7	5	<5	<5	<0.1	17	<0.1
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	150	190	160	180	200	200	220	220	220	200
Bicarbonate	mg/L	NA	NA	NA	210	240	250	270	260	270	240
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	200
Carbon dioxide, dissolved	mg/L	14	12	11	14	11	11	11	12	18	19
Carbonate	mg/L	NA	NA	NA	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0
Chemical Oxygen Demand	mg/L	15	53	15	15	15	15	15	15	15	15
Chloride	mg/L	43	56	41	54	65	52	43	64	57	41
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.017
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	220
Hydroxide	mg/L	NA	NA	NA	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0
Nitrate-Nitrogen	mg/L	7.9	7.8	6.8	7.3	8.7	8.7	8.0	9.1	9.6	7.9
Perchlorate	µg/L	1.5	1.5	1.5	1.5	0.90	1.8	3.1	5.2	6.8	5.4
pH	units	7.33	7.65	7.35	7.31	7.42	7.81	7.58	7.24	7.38	7.51
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.060
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	620
Sulfate	mg/L	38	42	33	37	49	47	47	47	51	43
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020
Total Dissolved Solids	mg/L	350	450	300	380	400	420	440	220	490	430
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.50
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.026
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.6
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.7
METALS (mg/L): NA											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00042
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00090
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.044
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.21
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00013
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	71
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00090
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0021
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00083
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.015
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.20
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	12
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0070
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0031
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0017
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.6
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0011
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	46
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.20
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0014
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	NA	NA	NA	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	13	14	NA	6.2	4.5	4.5	4.5	4.5	4.5	4.5
Carbon Disulfide	µg/L	NA	NA	NA	0.48	0.48	0.48	0.48	0.48	0.48	0.48
Chloroform	µg/L	NA	NA	NA	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Methylene Chloride	µg/L	NA	NA	2.1	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Naphthalene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	NA	NA	NA	0.26	0.26	0.26	0.26	0.26	0.26	0.26
EDB and DBCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	NA	NA	NA	0.0023	0.0023	0.0043	0.0023	0.0023	0.0023	0.0030
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											

TABLE 6 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-4R
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	May 2010	Sept 2010	Nov 2010	Feb 2011	May 2011	Sept 2011	Nov 2011	Feb 2012	May 2012	Aug 2012
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	2.98	3.60	4.13	6.91	10.94	8.66	10.58	5.65	8.44	6.77
ORP	MV	90	191	161	153	131	21	167	156	214	282
pH	units	7.12	6.90	7.05	7.18	7.01	7.02	7.25	7.46	6.73	6.73
Specific Conductance	µmho/cm	656	723	657	614	323	284	271	460	270	292
Temperature	(C°)	22.85	22.68	22.88	22.11	22.27	21.46	20.78	21.18	20.94	20.84
Turbidity	NTU	<0.1	<0.1	0.1	0.1	<0.1	<0.1	1.6	<5	<5	<5
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	190	210	200	210	130	100	84	140	100	100
Bicarbonate	mg/L	230	260	250	260	160	130	100	140	100	100
Bicarbonate Alkalinity	mg/L	190	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	7.0	12	11	18	5.3	5.3	5.3	16	7.0	7.0
Carbonate	mg/L	1.2	1.2	1.2	1.2	1.2	1.2	1.2	NA	NA	NA
Carbonate Alkalinity	mg/L	2.0	NA	NA	NA	NA	NA	NA	4.0	4.0	4.0
Chemical Oxygen Demand	mg/L	31	16	16	32	16	16	16	16	16	16
Chloride	mg/L	38	43	42	32	7.5	5.2	5.0	25	5.5	5.8
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	0.48	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	0.70	0.70	0.70	0.70	0.70	0.70	0.70	4.0	4.0	4.0
Hydroxide Alkalinity	mg/L	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	9.3	6.2	6.8	7.6	10.0	1.1	0.94	4.5	1.6	2.2
Perchlorate	µg/L	6.8	3.6	2.4	3.4	0.9	0.95	0.95	0.95	0.95	0.95
pH	units	7.48	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	46	54	38	39	16	13	13	30	12	13
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	420	420	390	410	190	180	160	250	170	200
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Carbon Disulfide	µg/L	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
Chloroform	µg/L	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Methylene Chloride	µg/L	0.95	0.95	1.3	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Naphthlene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
EDB and DBCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.0029	0.0030	0.0030	0.0029	0.0029	0.0030	0.0029	0.0030	0.0030	0.0029
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 6 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-4R
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Nov 2012	Jan 2013	Apr 2013	Sep 2013	Nov 2013	Feb 2014	May 2014	Aug 2014	Nov 2014	Feb 2015
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	5.72	4.15	2.24	4.45	2.92	2.11	3.15	1.43	1.90	2.90
ORP	MV	184	343	136	245	295	163	126	146	241	205
pH	units	5.95	6.69	6.41	6.87	6.97	7.32	7.36	6.60	7.23	7.11
Specific Conductance	µmho/cm	482	594	657	624	687	577	627	627	586	2110
Temperature	(C°)	21.54	20.89	22.13	21.27	19.90	19.99	23.22	23.99	23.08	22.64
Turbidity	NTU	0	0	0	0	158	63.7	OR	0.0	0.0	0.0
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	140	170	180	220	210	200	220	230	180	200
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity	mg/L	140	170	180	220	210	200	220	230	180	200
Carbon dioxide, dissolved	mg/L	11	8.8	11	8.8	7.0	18	19	NA	16	23
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	0.00	0.00	0.00	4.0	0.00	0.00	4.0	0.00	0.00	4.0
Chemical Oxygen Demand	mg/L	16	16	16	10	11	10	14	10	20	10
Chloride	mg/L	30	43	50	39	50	42	46	49	42	41
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	0.00	0.00	0.00	4.0	0.00	0.00	4.0	0.00	0.00	4.0
Nitrate-Nitrogen	mg/L	4.0	5.9	7.2	6.1	7.8	7.6	9.6	10	7.5	7.5
Perchlorate	µg/L	0.95	1.0	0.95	0.95	2.4	2.6	5.4	3.5	1.4	1.6
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	28	36	39	29	44	43	43	45	39	37
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	270	340	410	350	410	410	460	490	420	420
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Acetone	µg/L	4.5	4.5	4.5	2.8 ⁽⁴⁾	4.5	4.5	4.5	4.5	4.5	4.5
Carbon Disulfide	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/L	0.33	0.42 ⁽⁴⁾	0.33	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Methylene Chloride	µg/L	0.95	0.95	0.95	0.76 ⁽⁴⁾	0.88	0.88	0.88	0.88	0.88	0.88
Naphthalene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	µg/L	0.26	0.26	0.26	0.25	0.25	0.25	0.25	0.25	0.25	0.25
EDB and DBCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.0028	0.0029	0.0029	0.0028	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 6 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-4R
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	May 2015	Aug 2015	Nov 2015	Feb 2016	May 2016	Sep 2016	Nov 2016	Feb 2017
FIELD PARAMETERS									
Dissolved Oxygen	mg/L	5.04	7.71	2.58	4.79	2.41	4.96	6.04	3.11
ORP	MV	154	173	175	148	205	104	184	278
pH	units	6.46	6.85	7.35	7.88	7.64	6.83	7.59	7.56
Specific Conductance	µmho/cm	2460	823	535	588	646	694	817	800
Temperature	(C°)	23.79	23.29	23.22	23.50	22.78	23.60	23.05	22.66
Turbidity	NTU	0.0	1.0	7.1	0.0	0.3	0.1	2.1	0.2
GENERAL CHEMISTRY									
Alkalinity as CaCO3	mg/L	230	230	220	190	200	220	210	200
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity	mg/L	230	230	220	190	200	270	260	250
Carbon dioxide, dissolved	mg/L	19	25	32	16	21	13	4.54	17.6
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0
Chemical Oxygen Demand	mg/L	28	10	38	10	17	6.0	5.0	5.7
Chloride	mg/L	47	54	60	45	44	40	35	50
Cyanide, total	mg/L	NA	0.013	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	0.33	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	250	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0
Nitrate-Nitrogen	mg/L	9.2	12	12	8.3	8.6	10	14	8.9
Perchlorate	µg/L	2.3	2.2	0.99	1.0	0.95	7.5	13	2.5
pH	units	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	5.0	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	0.092	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	0.030	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	36	40	44	41	39	38	50	43
Sulfide	mg/L	NA	0.020	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	410	450	480	530	450	440	410	400
Total Organic Carbon (TOC)	mg/L	NA	0.65	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	0.015	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS									
Anions, total	meq/L	NA	7.8	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	7.8	NA	NA	NA	NA	NA	NA
METALS (mg/L):									
Antimony	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	0.051	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	0.00025	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	0.19	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	0.00025	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	78	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	0.0006	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	0.0027	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	0.010	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	14	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	0.010	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	0.00010	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	0.0020	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	0.0015	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	4.3	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	60	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	0.0022	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	0.00025	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA									
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):									
2-Butanone (MEK)	µg/L	2.5	2.5	2.5	2.5	2.5	5.0	5.0	5.0
Acetone	µg/L	4.5	4.5	10	10	10	5.0	5.0	2.1
Carbon Disulfide	µg/L	NA	NA	NA	NA	NA	1.0	1.0	1.0
Chloroform	µg/L	0.25	0.25	0.30	0.33	0.56	1.0	1.0	0.81
Methylene Chloride	µg/L	0.88	0.88	0.88	0.88	0.88	1.0	1.0	0.34
Naphthalene	µg/L	0.45	0.40	0.40	0.40	0.40	1.0	1.0	0.20
Trichloroethene	µg/L	0.25	0.25	0.25	0.25	0.25	1.0	1.0	0.35
EDB and DBCP (EPA 504.1):									
1,2-Dibromo-3-chloropropane	µg/L	0.0029	0.0029	0.0029	0.0028	0.0029	0.010	0.010	0.0034
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND									

TABLE 6 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-4R
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	May 2017	MED.	AVG.	STD. DEV.	MIN.	MAX.	CURRENT MODE
FIELD PARAMETERS								
Dissolved Oxygen	mg/L	4.31	4.23	4.66	2.43	0.93	10.94	Detection
ORP	MV	233	165	176	69	21	343	Detection
pH	units	8.11	7.08	7.07	0.42	5.95	8.11	Tracking
Specific Conductance	µmho/cm	818	649	706	422	270	2460	Detection
Temperature	(C°)	22.19	22.39	22.3	1.14	20	24.7	Detection
Turbidity	NTU	0.0	0.1	11.91	34.79	0	158	Detection
GENERAL CHEMISTRY								
Alkalinity as CaCO ₃	mg/L	190	200	184	44	84	260	Detection
Bicarbonate	mg/L	NA	230	214	63	100	310	Detection
Bicarbonate Alkalinity	mg/L	230	210	210	30.90	140	270	Detection
Carbon dioxide, dissolved	mg/L	1.24	12	16.30	14.40	1.24	100	Detection
Carbonate	mg/L	NA	NC	NC	NC	NC	NC	Detection
Carbonate Alkalinity	mg/L	0.56	0	0.0	0.00	0	0	Detection
Chemical Oxygen Demand	mg/L	6.1	16	19.58	12.87	5.7	53	Detection
Chloride	mg/L	39	41	36.4	17.51	4.4	69	Detection
Cyanide, total	mg/L	NA	NC	NC	NC	NC	NC	Detection
Fluoride	mg/L	NA	0.32	0.35	0.09	0.28	0.48	Detection
Hardness (as CaCO ₃)	mg/L	NA	230	233	15.28	220	250	Detection
Hydroxide	mg/L	NA	NC	NC	NC	NC	NC	Detection
Hydroxide Alkalinity	mg/L	0.56	0	0.0	0.00	0	0	Detection
Nitrate-Nitrogen	mg/L	9.8	7.8	7.4	3.3	0.9	14.0	Detection
Perchlorate	µg/L	7.0	3.4	6.3	6.4	1.0	22.0	Detection
pH	units	NA	7.38	7.34	0.23	6.7	7.81	Detection
Phenols	mg/L	NA	NC	NC	NC	NC	NC	Detection
Phosphate (PO ₄)	mg/L	NA	NC	NC	NC	NC	NC	Detection
Phosphorus	mg/L	NA	NC	NC	NC	NC	NC	Detection
Specific Conductance	µmhos/c	NA	NC	NC	NC	NC	NC	Detection
Sulfate	mg/L	42	39	37	13	11	54	Tracking
Sulfide	mg/L	NA	NC	NC	NC	NC	NC	Detection
Total Dissolved Solids	mg/L	400	410	366	108	160	530	Detection
Total Organic Carbon (TOC)	mg/L	NA	NC	NC	NC	NC	NC	Detection
Total Organic Halides (TOX)	mg/L	NA	NC	NC	NC	NC	NC	Detection
ANIONS and CATIONS								
Anions, total	meq/L	NA	6.845	7.02	0.57	6.6	7.8	Detection
Cations, total	meq/L	NA	7.1	7.2	0.6	6.7	7.8	Detection
METALS (mg/L):								
Antimony	mg/L	NA	NC	NC	NC	NC	NC	Detection
Arsenic	mg/L	NA	NC	NC	NC	NC	NC	Detection
Barium	mg/L	NA	0.05	13.03	22.49	0.044	39	Detection
Beryllium	mg/L	NA	NC	NC	NC	NC	NC	Detection
Boron	mg/L	NA	0.21	66.80	115.35	0.19	200	Detection
Cadmium	mg/L	NA	NC	NC	NC	NC	NC	Detection
Calcium	mg/L	NA	72	73.67	3.79	71	78	Detection
Chromium	mg/L	NA	NC	NC	NC	NC	NC	Detection
Cobalt	mg/L	NA	0.0	1.1	1.85	0.0021	3.2	Detection
Copper	mg/L	NA	NC	NC	NC	NC	NC	Detection
Iron	mg/L	NA	NC	NC	NC	NC	NC	Detection
Lead	mg/L	NA	NC	NC	NC	NC	NC	Detection
Magnesium	mg/L	NA	13	13	1.00	12	14	Detection
Manganese	mg/L	NA	NC	NC	NC	NC	NC	Detection
Mercury	mg/L	NA	NC	NC	NC	NC	NC	Detection
Molybdenum	mg/L	NA	NC	NC	NC	NC	NC	Detection
Nickel	mg/L	NA	0.0	1.1	2.0	0.0015	3.4	Detection
Potassium	mg/L	NA	4.1	4	0.36	3.6	4.3	Detection
Selenium	mg/L	NA	NC	NC	NC	NC	NC	Detection
Silver	mg/L	NA	NC	NC	NC	NC	NC	Detection
Sodium	mg/L	NA	53	53	7.00	46	60	Detection
Thallium	mg/L	NA	NC	NC	NC	NC	NC	Detection
Vanadium	mg/L	NA	0.0	0.7	1.27	0.00	2.2	Detection
Zinc	mg/L	NA	NC	NC	NC	NC	NC	Detection
DISSOLVED METALS: NA								
Dissolved Calcium	mg/L	NA	NC	NC	NC	NC	NC	Detection
Dissolved Copper	mg/L	NA	NC	NC	NC	NC	NC	Detection
Dissolved Hardness	mg/L	NA	NC	NC	NC	NC	NC	Detection
Dissolved Iron	mg/L	NA	NC	NC	NC	NC	NC	Detection
Dissolved Lead	mg/L	NA	NC	NC	NC	NC	NC	Detection
Dissolved Magnesium	mg/L	NA	NC	NC	NC	NC	NC	Detection
Dissolved Manganese	mg/L	NA	NC	NC	NC	NC	NC	Detection
Dissolved Zinc	mg/L	NA	NC	NC	NC	NC	NC	Detection
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):								
2-Butanone (MEK)	µg/L	0.47	NC	NC	NC	NC	NC	Detection
Acetone	µg/L	0.79	6.2	7.34	5.93	1.4	14	Detection
Carbon Disulfide	µg/L	1.0	NC	NC	NC	NC	NC	Detection
Chloroform	µg/L	0.31	0.38	0.48	0.21	0.3	0.81	Detection
Methylene Chloride	µg/L	0.34	NC	NC	NC	NC	NC	Detection
Naphthlene	µg/L	0.20	NC	NC	NC	NC	NC	Detection
Trichloroethene	µg/L	0.35	NC	NC	NC	NC	NC	Detection
EDB and DBCP (EPA 504.1):								
1,2-Dibromo-3-chloropropane	µg/L	0.0034	NC	NC	NC	NC	NC	Detection
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND								

**TABLE 7
HISTORICAL SUMMARY DATA - MONITORING WELL B-10C
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Mar 2003	Jun 2003	Aug 2003	Oct 2003	Jan 2004	Mar 2004	Apr 2004	Aug 2004	Oct 2004	Feb 2005
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature (C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO ₃	mg/L	190	240	230	240	230	250	280	230	200	180
Bicarbonate	mg/L	240	290	280	300	280	300	340	280	250	220
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	24	50	30	26	75	NA	45	30	55	40
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	15	15	15	15	15	NA	15	16	16	3.4
Chloride	mg/L	84	77	68	71	76	70	80	72	67	69
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	0.4	NA	NA	NA	NA
Hardness (as CaCO ₃)	mg/L	NA	NA	NA	NA	NA	190	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	0.47	4.6	6	7	1.4	0.47	1.9	7.3	9.8	3.4
Perchlorate	µg/L	0.28	2.7	1.5	1.5	1.5	NA	1.5	1.5	1.5	1.5
pH	units	7.2	7.0	7.2	7.3	6.8	7.0	7.0	7.1	7.2	6.9
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO ₄)	mg/L	NA	NA	NA	NA	NA	1.9	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	1.8	NA	NA	NA	NA
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	720	NA	NA	NA	NA
Sulfate	mg/L	51	50	44	46	44	31	49	67	69	64
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	450	490	490	490	450	440	540	510	490	430
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	1.7	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	7.67	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	7.6	NA	NA	NA	NA
METALS (mg/L):											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	1.8	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	37	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	280	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	0.061	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	57	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	16	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	16	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	10	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	3.8	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	11	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	220	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	5.1	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	4.8	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	0.56	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	85	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	16	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
DISSOLVED METALS											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	60	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	11	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	190	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	7.1	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	0.11	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	11	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	200	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	2.3	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	NA	NA	NA	15	31	NA	3.1	NA	NA	NA
Acetone	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzoic acid	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											

TABLE 7 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-10C
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Apr 2005	Aug 2005	Dec 2005	Mar 2006	May 2006	Aug 2006	Oct 2006	Mar 2007	May 2007	Aug 2007
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature (C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO ₃	mg/L	220	340	210	210	200	330	260	220	260	240
Bicarbonate	mg/L	270	420	250	260	250	410	320	270	320	290
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	33	85	85	22	28	0.1	58	44	32	19
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	10	6.5	6.5	6.5	9	20	15	15	15	15
Chloride	mg/L	70	86	71	73	82	75	81	84	93	89
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO ₃)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	12	7.7	20	2.3	9	7.1	9.8	8	14	8.9
Perchlorate	µg/L	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
pH	units	7.0	6.9	7.1	7.2	7.2	6.9	7.1	6.93	7.25	7.09
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO ₄)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	54	59	63	40	45	46	52	47	61	47
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	530	620	630	450	520	620	540	520	710	540
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L): NA											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	µg/L	NA	NA	NA	NA	1.3	NA	NA	NA	NA	NA
Benzoic acid	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/L	NA	NA	NA	NA	0.63	NA	0.51	0.43	0.61	0.89
Dibromochloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/L	NA	NA	NA	NA	0.27	NA	NA	NA	NA	NA
Naphthalene	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

**TABLE 7 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-10C
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Jan 2008	Mar 2008	Jun 2008	Aug 2008	Nov 2008	Feb 2009	May 2009	Sep 2009	Nov 2009	Jan 2010
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	1.61	1.55	6.10	2.31	7.39	2.43	7.95
ORP	MV	NA	NA	NA	110	80	105	146	95	205	333
pH	units	NA	NA	NA	7.12	7.2	6.8	6.97	6.78	6.60	6.91
Specific Conductance	µmho/cm	NA	NA	NA	642	411	311	571	693	421	360
Temperature (C°)	NA	NA	NA	NA	23.3	27.8	20.6	23.47	25.51	21.79	19.89
Turbidity	NTU	NA	NA	NA	22.8	29.2	<5	<5	<0.1	110	<0.1
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	130	220	200	210	150	120	170	230	140	120
Bicarbonate	mg/L	NA	NA	NA	250	190	150	210	280	170	140
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	120
Carbon dioxide, dissolved	mg/L	2.2	30	18	25	5.3	7.0	18	14	21	25
Carbonate	mg/L	NA	NA	NA	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0
Chemical Oxygen Demand	mg/L	15	19	15	15	15	15	15	15	15	15
Chloride	mg/L	18	67	67	57	14	8.0	20	39	14	6.4
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.017
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.39
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	120
Hydroxide	mg/L	NA	NA	NA	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0
Nitrate-Nitrogen	mg/L	4.9	6.9	8.7	7.8	8.0	4.0	6.5	5.9	5.4	2.2
Perchlorate	µg/L	1.6	1.5	1.5	2.9	2.5	2.6	4.1	2.4	2.8	0.90
pH	units	7.39	7.17	7.24	7.26	7.45	7.65	7.51	7.16	7.13	7.34
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.3
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.4
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	310
Sulfate	mg/L	18	39	46	43	29	20	31	35	28	17
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020
Total Dissolved Solids	mg/L	250	460	430	440	260	210	330	380	270	220
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.50
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0070
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.0
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.5
METALS (mg/L): NA											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00030
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00093
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.019
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.036
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	39
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00090
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00033
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00090
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.015
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.20
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.7
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0070
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0026
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00050
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.4
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00051
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	19
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00020
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0043
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	NA	NA	NA	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	17	19	NA	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Benzoic acid	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	ND	0.30
Chloroform	µg/L	0.70	1.4	1.4	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Dibromochloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	ND	0.40
Methylene Chloride	µg/L	NA	NA	2.4	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Naphthalene	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											

**TABLE 7 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-10C
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	May 2010	Sept 2010	Nov 2010	Feb 2011	May 2011	Sept 2011	Nov 2011	Feb 2012	May 2012	Aug 2012
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	0.0	1.01	1.56	0.64	0.50	1.12	0.85	0.58	1.60	0.59
ORP	MV	103	190	189	142	161	180	142	169	181	239
pH	units	6.73	6.54	6.52	6.67	6.71	6.63	6.64	6.89	6.31	6.25
Specific Conductance	µmho/cm	815	810	692	740	814	1020	790	763	1040	927
Temperature (C°)		21.96	23.56	22.55	21.87	22.84	23.63	23.48	22.02	23.49	22.65
Turbidity	NTU	<0.1	<5	0.8	0.6	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	180	160	130	170	150	260	160	150	310	270
Bicarbonate	mg/L	220	200	160	210	180	310	190	150	310	270
Bicarbonate Alkalinity	mg/L	180	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	21	21	12	16	11	60	25	32	77	63
Carbonate	mg/L	1.2	1.2	1.2	1.2	1.2	1.2	1.2	NA	NA	NA
Carbonate Alkalinity	mg/L	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	16	16	16	16	16	16	16	16	16	16
Chloride	mg/L	83	84	91	90	89	84	95	93	87	69
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	0.45	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	0.70	0.70	0.70	0.70	0.70	0.70	0.70	NA	NA	NA
Hydroxide Alkalinity	mg/L	2.0	NA	NA	NA	NA	NA	NA	4.0	4.0	4.0
Nitrate-Nitrogen	mg/L	12	7.7	3.7	5.6	7.8	8.6	5.0	5.9	10	9.2
Perchlorate	µg/L	1.8	NA	0.90	0.90	0.90	4.8	0.95	1.9	0.95	0.95
pH	units	7.07	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	47	45	41	42	44	46	43	45	52	49
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	490	480	390	490	440	560	430	400	600	550
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	7.9	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	4.5	4.5	4.5	4.5	6.0	4.5	4.5	4.5	4.5	4.5
Benzoic acid	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/L	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Chloroform	µg/L	2.6	0.33	0.62	0.44	0.4	0.4	0.53	0.61	0.33	0.33
Dibromochloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/L	0.95	0.95	1.4	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Naphthalene	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

**TABLE 7 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-10C
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Nov 2012	Jan 2013	Apr 2013	Sep 2013	Nov 2013	Feb 2014	May 2014	Aug 2014	Nov 2014	Feb 2015
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	1.77	7.23	2.19	1.66	5.99	5.89	5.57	2.85	5.23	3.66
ORP	MV	203	223	145	223	328	173	243	161	102	301
pH	units	6.44	6.64	6.57	6.59	6.59	6.65	6.47	6.58	7.33	5.75
Specific Conductance	µmho/cm	437	418	712	749	580	518	662	698	713	1410
Temperature (C°)		23.33	20.17	22.24	21.40	18.65	19.08	22.38	28.87	22.60	21.03
Turbidity	NTU	0.1	0.3	<5	0.0	0.0	0.0	0.0	0.0	5.7	10.5
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	140	130	210	220	210	170	210	170	170	160
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity	mg/L	140	130	210	220	210	170	210	170	170	160
Carbon dioxide, dissolved	mg/L	7.0	11	28	18	8.8	23.0	55	NA	23	23
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	0.00	0.00	0.00	4.0	0.00	0.00	4.0	0.00	0.00	4.0
Chemical Oxygen Demand	mg/L	16	16	21	10	10	10	10	10	22	10
Chloride	mg/L	19	18	46	48	30	18	70	92	98	99
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	0.00	0.00	0.00	4.0	0.00	0.00	4.0	0.00	0.00	4.0
Nitrate-Nitrogen	mg/L	5.4	4.8	8.7	11	9.0	9.4	11	10	9.4	8.7
Perchlorate	µg/L	1.4	0.95	0.95	2.7	0.95	3.8	1.7	0.95	0.95	0.95
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	20	18	32	35	39	30	44	48	48	43
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	260	230	410	420	340	320	500	490	530	470
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Acetone	µg/L	4.5	4.5	4.5	3.3 ⁽⁴⁾	4.5	4.5	4.5	4.5	4.5	4.5
Benzoic acid	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	µg/L	0.30	0.30	0.30	0.50	0.48	0.25	0.25	0.25	3.1	0.28
Chloroform	µg/L	0.33	0.62 ⁽⁴⁾	0.33	0.36	3.7	0.64	0.25	0.25	17	13
Dibromochloromethane	µg/L	NA	NA	NA	0.25	0.25	0.25	0.25	0.25	0.47	0.25
Methylene Chloride	µg/L	0.95	0.95	0.95	0.75 ⁽⁴⁾	0.88	0.88	0.88	0.88	0.88	0.88
Naphthalene	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 7 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-10C
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	May 2015	Aug 2015	Nov 2015	Feb 2016	May 2016	Sep 2016	Nov 2016	Feb 2017	May 2017	MED.	AVG.	STD. DEV.	MIN.	MAX.	CURRENT MODE
FIELD PARAMETERS																
Dissolved Oxygen	mg/L	4.39	1.99	2.63	1.70	4.11	1.48	2.36	0.87	2.18	2.09	2.82	2.21	0	7.95	Detection
ORP	MV	143	151	150	172	303	327	128	95	249	171	183	70	80	333	Detection
pH	units	5.77	7.15	6.49	6.52	6.36	6.49	6.59	6.92	7.32	6.62	6.65	0.35	5.75	7.33	Tracking
Specific Conductance	µmho/cm	2630	658	676	668	680	678	1000	980	1440	696	781	403	311	2630	Detection
Temperature (C°)		22.72	26.09	19.98	21.53	20.85	21.90	21.46	19.72	21.09	22.13	22.38	2.17	18.65	28.87	Detection
Turbidity	NTU	2.7	643.0	9.4	5.0	6.3	32	7.2	4.9	0.9	4.9	39	133.8	0	643	Detection
GENERAL CHEMISTRY																
Alkalinity as CaCO ₃	mg/L	160	150	160	180	160	160	150	160	200	200	198	51	120	340	Detection
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	260	255	66	140	420	Detection
Bicarbonate Alkalinity	mg/L	160	150	160	180	160	190	190	200	240	170	177	30.68	120	240	Detection
Carbon dioxide, dissolved	mg/L	18	26	25	26	25	13	4.54	8.81	5.80	25	29.2	20.4	2.2	85	Detection
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Carbonate Alkalinity	mg/L	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	0.56	0	0.0	0.00	0	0	Detection
Chemical Oxygen Demand	mg/L	10	10	12	10	10	13	5.0	9.8	11	15	14.91	4.52	9.0	22	Tracking
Chloride	mg/L	49	93	110	100	110	120	140	130	140	76	71.9	31.97	6.4	140	Detection
Cyanide, total	mg/L	NA	0.013	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Fluoride	mg/L	NA	0.53	NA	NA	NA	NA	NA	NA	NA	0.43	0.44	0.06	0.39	0.53	Detection
Hardness (as CaCO ₃)	mg/L	NA	210	NA	NA	NA	NA	NA	NA	NA	190	173	47.3	120	210	Detection
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Hydroxide Alkalinity	mg/L	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	0.56	0	0.0	0.00	0	0	Detection
Nitrate-Nitrogen	mg/L	4.8	9.5	9.9	8.2	8.7	7.5	8.5	9.7	10	7.8	7.48	3.37	0.47	20	Detection
Perchlorate	µg/L	1.9	0.95	0.95	0.95	9.5	2.0	2.0	0.95	0.95	2.6	2.5	0.90	0.90	4.1	Tracking
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.16	7.15	0.19	6.8	7.65	Tracking
Phenols	mg/L	NA	5.0	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Phosphate (PO ₄)	mg/L	NA	7.1	NA	NA	NA	NA	NA	NA	NA	4.3	4.4	2.6	1.9	7.1	Detection
Phosphorus	mg/L	NA	2.3	NA	NA	NA	NA	NA	NA	NA	1.8	1.8	0.45	1.4	2.3	Detection
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Sulfate	mg/L	23	43	49	47	45	39	53	46	55	45	43	12	17	69	Detection
Sulfide	mg/L	NA	0.020	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Total Dissolved Solids	mg/L	430	440	470	520	550	480	490	500	600	480	457	107	210	710	Detection
Total Organic Carbon (TOC)	mg/L	NA	1.5	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Total Organic Halides (TOX)	mg/L	NA	0.058	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
ANIONS and CATIONS																
Anions, total	meq/L	NA	7.2	NA	NA	NA	NA	NA	NA	NA	7.435	6.4425	2.31	3.0	7.9	Detection
Cations, total	meq/L	NA	8.0	NA	NA	NA	NA	NA	NA	NA	7.6	6.37	2.5	3.5	8	Detection
METALS (mg/L):																
Antimony	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Arsenic	mg/L	NA	0.0026	NA	NA	NA	NA	NA	NA	NA	0.00	0.60	1.04	0.00093	1.8	Detection
Barium	mg/L	NA	0.11	NA	NA	NA	NA	NA	NA	NA	0.11	12.38	21.32	0.019	37	Detection
Beryllium	mg/L	NA	0.00052	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Boron	mg/L	NA	0.18	NA	NA	NA	NA	NA	NA	NA	0.18	93.41	161.60	0.036	280	Detection
Cadmium	mg/L	NA	0.00025	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Calcium	mg/L	NA	66	NA	NA	NA	NA	NA	NA	NA	57	54	13.75	39	66	Detection
Chromium	mg/L	NA	0.0091	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Cobalt	mg/L	NA	0.0077	NA	NA	NA	NA	NA	NA	NA	0.0	5.3	9.24	0.0003	16	Detection
Copper	mg/L	NA	0.016	NA	NA	NA	NA	NA	NA	NA	0.0	3.3	5.77	0.0009	10	Detection
Iron	mg/L	NA	13	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Lead	mg/L	NA	0.0057	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Magnesium	mg/L	NA	15	NA	NA	NA	NA	NA	NA	NA	11	11.23	3.66	7.7	15	Detection
Manganese	mg/L	NA	0.99	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Mercury	mg/L	NA	0.00019	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Molybdenum	mg/L	NA	0.0013	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Nickel	mg/L	NA	0.0082	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Potassium	mg/L	NA	8.0	NA	NA	NA	NA	NA	NA	NA	4.8	5.07	2.8	2.4	8	Detection
Selenium	mg/L	NA	0.00076	NA	NA	NA	NA	NA	NA	NA	0.00	0.19	0.32	0.00051	0.56	Detection
Silver	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Sodium	mg/L	NA	76	NA	NA	NA	NA	NA	NA	NA	76	60	35.79	19	85	Detection
Thallium	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Vanadium	mg/L	NA	0.03	NA	NA	NA	NA	NA	NA	NA	0.0	5.3	9.23	0.0043	16	Detection
Zinc	µg/L	NA	0.032	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
DISSOLVED METALS: NA																
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):																
2-Butanone (MEK)	µg/L	2.5	2.5	2.5	2.5	2.5	5.0	5.0	0.47	0.47	15	16.37	14.00	3.1	31	Detection
Acetone	µg/L	4.5	NA	10	10	10	5.0	5.0	0.79	0.79	11.5	10.83	8.54	1.3	19	Detection
Benzoic acid	µg/L	NA	2.7	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Bromodichloromethane	µg/L	0.25	0.25	0.25	0.91	2.1	1.0	1.0	1.5	1.2	1.200	1.37	0.98	0.28	3.1	Detection
Chloroform	µg/L	4.6	2.4	7.6	14	24	1.1	1.2	10	8.9	1.20	4.44	6.18	0.36	24	Detection
Dibromochloromethane	µg/L	0.25	0.25	0.25	0.25	0.25	1.0	1.0	0.29	0.29	NC	NC	NC	NC	NC	Detection
Methylene Chloride	µg/L	0.88	0.88	0.88	0.88	0.88	1.0	1.0	0.34	0.34	1.18	1.26	0.89	0.27	2.4	Detection
Naphthalene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.81 ^(a)	NC	NC	NC	NC	NC	Detection
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND																

**TABLE 8
HISTORICAL SUMMARY DATA - MONITORING WELL B-11
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Mar 2003	Jun 2003	Aug 2003	Oct 2003	Jan 2004	Mar 2004	Apr 2004	Aug 2004	Oct 2004	Feb 2005
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature	(C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	200	210	210	200	210	210	240	210	240	260
Bicarbonate	mg/L	250	260	260	250	250	260	300	250	300	320
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	17	14	11	11	60	NA	18	12	70	22
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	15	15	15	15	15	NA	15	10	3.4	3.4
Chloride	mg/L	27	20	19	19	33	27	55	22	44	38
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	0.3	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	230	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	11	13	12	13	9.2	9.6	7.1	12	7.3	8.1
Perchlorate	µg/L	22	26	27	28	13	NA	4.7	24	10	10
pH	units	7.4	7.5	7.6	7.6	7.0	7.3	7.3	7.5	7.4	7.3
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	0.04	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	640	NA	NA	NA	NA
Sulfate	mg/L	43	47	43	44	46	44	49	44	45	43
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	400	390	400	380	400	420	470	420	430	470
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	1.1	1.1	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	6.58	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	6.6	NA	NA	NA	NA
METALS (mg/L):											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	µg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	32	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	140	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	70	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	5.7	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	1.9	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	0.52	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	3.5	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	13	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	0.039	NA	NA	NA	NA
Mercury	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	2.3	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	3.6	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	0.65	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	44	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	1.1	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	0.24	NA	NA	NA	NA
DISSOLVED METALS											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	65	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	1.1	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	210	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	0.18	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	12	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	2.5	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	ND	ND	ND	ND	29	NA	ND	ND	ND	ND
Acetone	µg/L	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND
Bromodichloromethane	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Carbon Disulfide	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	0.62	ND
Chloroform	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Methyl Tertiary Butyl Ether	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Methylene Chloride	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	0.18	ND
Trichloroethene	µg/L	1.3	0.75	1.0	1.2	ND	NA	ND	1.6	0.20	ND
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.013	0.013	0.014	0.017	ND	NA	ND	0.014	ND	ND
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											

**TABLE 8 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-11
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Apr 2005	Aug 2005	Dec 2005	Mar 2006	May 2006	Jul 2006	Oct 2006	Mar 2007	Jun 2007	Aug 2007
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature	(C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	330	270	180	220	270	290	280	290	240	270
Bicarbonate	mg/L	410	330	220	260	330	360	350	350	300	330
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	32	40	15	22	27	0.1	35	35	40	30
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	6.5	6.5	6.5	6.5	7	7	15	15	15	15
Chloride	mg/L	55	62	39	66	62	60	71	82	40	30
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	10	15	5.4	12	8.8	9.6	9.9	8.7	14	14
Perchlorate	µg/L	5.4	NA	NA	NA	NA	6.7	8.7	2.7	20	23
pH	units	7.2	7.1	7.4	7.2	7.3	7.2	7.2	7.05	7.38	7.20
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	49	51	34	52	44	45	49	46	70	55
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	570	500	340	490	560	540	590	600	670	530
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L): NA											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	µg/L	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND
Bromodichloromethane	µg/L	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND
Carbon Disulfide	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.08	0.12
Methyl Tertiary Butyl Ether	µg/L	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND
Methylene Chloride	µg/L	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND
Trichloroethene	µg/L	ND	ND	ND	ND	ND	0.20	ND	0.11	0.33	0.51
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	0.01	0.015
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 8 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-11
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Jan 2008	Mar 2008	Jun 2008	Aug 2008	Nov 2008	Feb 2009	May 2009	Sep 2009	Nov 2009	Jan 2010
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	5.97	2.53	4.34	6.09	6.55	3.49	3.36
ORP	MV	NA	NA	NA	153	30	301	174	177	159	199
pH	units	NA	NA	NA	7.00	7.05	7.02	7.07	7.08	7.32	6.97
Specific Conductance	µmho/cm	NA	NA	NA	655	669	689	637	713	710	690
Temperature	(C°)	NA	NA	NA	19.29	18.59	18.61	20.86	19.7	19.2	19.08
Turbidity	NTU	NA	NA	NA	2.7	5	<5	<5	<0.1	<0.1	<0.1
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	290	240	240	190	190	210	200	210	190	210
Bicarbonate	mg/L	NA	NA	NA	230	230	250	240	260	230	250
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	210
Carbon dioxide, dissolved	mg/L	26	28	14	12	11	8.8	11	8.8	11	25
Carbonate	mg/L	NA	NA	NA	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0
Chemical Oxygen Demand	mg/L	15	43	15	15	15	15	15	15	15	15
Chloride	mg/L	34	44	27	23	24	21	22	24	22	19
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.017
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.22
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	260
Hydroxide	mg/L	NA	NA	NA	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0
Nitrate-Nitrogen	mg/L	11	11	12	11	14	13	11	13	13	10
Perchlorate	µg/L	14	16	25	27	27	28	26	32	33	20
pH	units	7.23	7.33	7.43	7.52	7.55	7.83	7.72	7.46	7.65	7.49
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.060
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	620
Sulfate	mg/L	49	52	52	51	56	52	51	53	53	44
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020
Total Dissolved Solids	mg/L	490	490	410	400	380	420	400	390	440	430
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.50
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.023
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.4
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.8
METALS (mg/L): NA											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.30
Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.90
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.038
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.054
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	83
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00098
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00024
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00066
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.015
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.20
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	15
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0070
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00018
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0058
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00067
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.3
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00062
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	30
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00020
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00080
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0050
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	ND	ND	ND	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	16	18	17	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Bromodichloromethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.30
Carbon Disulfide	µg/L	ND	ND	ND	0.48	0.48	0.48	0.48	0.48	0.48	0.48
Chloroform	µg/L	ND	ND	ND	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Methyl Tertiary Butyl Ether	µg/L	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/L	ND	ND	2.2	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Trichloroethene	µg/L	ND	0.56	0.82	1.4	1.4	0.95	1.5	1.6	1.4	0.41
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.0023	0.0060	0.014	0.016	0.025	0.0078	0.016	0.014	0.013	0.0029
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											

TABLE 8 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-11
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	May 2010	Sept 2010	Nov 2010	Feb 2011	May 2011	Sept 2011	Nov 2011	Feb 2012	May 2012	Aug 2012
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	7.56	6.60	5.58	2.58	1.67	7.39	5.15	5.30	6.90	5.19
ORP	MV	105	269	225	143	159	204	156	199	201	292
pH	units	7.18	6.52	6.99	6.93	7.02	6.52	6.91	7.13	6.65	6.68
Specific Conductance	µmho/cm	744	704	754	719	979	943	933	832	809	886
Temperature	(C°)	19.26	20.27	19.34	18.44	19.33	19.34	18.97	18.92	19.79	20.04
Turbidity	NTU	<0.1	0.6	0.4	0.7	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	230	220	230	260	300	310	280	260	240	260
Bicarbonate	mg/L	280	260	280	310	370	380	340	NA	NA	NA
Bicarbonate Alkalinity	mg/L	230	NA	NA	NA	NA	NA	NA	260	240	260
Carbon dioxide, dissolved	mg/L	8.8	18	7.0	12	21	35	25	28	21	25
Carbonate	mg/L	1.2	1.2	1.2	1.2	1.2	1.2	1.2	NA	NA	NA
Carbonate Alkalinity	mg/L	2.0	NA	NA	NA	NA	NA	NA	4.0	4.0	4.0
Chemical Oxygen Demand	mg/L	16	16	16	16	16	16	16	16	16	16
Chloride	mg/L	25	23	23	34	50	46	44	41	39	32
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	0.55	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	0.70	0.70	0.70	0.70	0.70	0.70	0.70	NA	NA	NA
Hydroxide Alkalinity	mg/L	2.0	NA	NA	NA	NA	NA	NA	4.0	4.0	4.0
Nitrate-Nitrogen	mg/L	15	14	15	9.0	10	12.0	15	18	19	18
Perchlorate	µg/L	39	33	31	8.4	8.6	10.0	15	22	36	33
pH	units	7.57	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	64	60	60	33	59	55	58	57	65	73
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	460	460	450	490	570	590	550	490	550	590
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	7.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Bromodichloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
Chloroform	µg/L	0.33	0.33	0.33	1.7	0.33	0.33	0.33	0.33	0.33	0.33
Methyl Tertiary Butyl Ether	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	µg/L	0.95	0.95	1.1	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Trichloroethene	µg/L	1.5	1.5	1.2	0.26	0.26	0.26	0.30	0.70	0.57	0.41
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.0080	0.019	0.025	0.0029	0.0029	0.0030	0.0060	0.011	0.0092	0.0062
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 8 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-11
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Nov 2012	Jan 2013	Apr 2013	Sep 2013	Nov 2013	Feb 2014	May 2014	Aug 2014	Nov 2014	Feb 2015
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	6.56	3.99	6.18	5.43	8.26	6.06	4.76	4.69	5.99	7.58
ORP	MV	231	348	148	226	347	175	285	174	107	268
pH	units	6.80	6.52	6.61	6.98	7.37	7.11	6.98	6.84	7.23	6.66
Specific Conductance	µmho/cm	770	880	736	805	648	801	608	611	486	958
Temperature	(C°)	19.58	18.71	19.13	18.53	19.64	17.95	20.62	24.99	21.96	19.18
Turbidity	NTU	1.3	0	<5	0.6	0.6	0.4	0.5	22.8	34.8	14.7
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	210	270	240	250	250	240	230	230	190	190
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity	mg/L	210	270	240	250	250	240	230	230	190	190
Carbon dioxide, dissolved	mg/L	14	28	14	18	8.8	18	21	NA	19	21
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	0.00	0.00	0.00	4.0	0.00	0.00	4.0	0.00	0.00	4.0
Chemical Oxygen Demand	mg/L	16	16	41	10	10	10	10	10	26	10
Chloride	mg/L	26	32	24	23	23	26	25	22	19	19
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	0.00	0.00	0.00	4.0	0.00	0.00	4.0	0.00	0.00	4.0
Nitrate-Nitrogen	mg/L	15	17	15	16	19	17	17	17	8.8	9.1
Perchlorate	µg/L	32	25	29	26	30	28	28	28	8.3	8.1
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	61	65	57	62	61	69	63	61	36	36
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	460	530	440	470	480	490	480	470	370	350
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Acetone	µg/L	4.5	4.5	4.5	2.5	4.5	4.5	4.5	4.5	4.5	4.5
Bromodichloromethane	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	µg/L	0.33	0.42 ⁴⁾	0.33	0.25	0.25	0.25	0.26	0.25	0.25	0.25
Methyl Tertiary Butyl Ether	µg/L	NA	NA	NA	NA	0.25	0.25	0.25	0.25	0.25	0.25
Methylene Chloride	µg/L	0.95	0.95	0.95	0.83 ⁴⁾	0.88	0.88	0.88	0.88	0.88	0.88
Trichloroethene	µg/L	0.57	0.26	0.66	0.63	0.73	0.64	0.74	0.67	0.25	0.31
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.0062	0.0029	0.0068	0.014	0.015	0.012	0.011	0.017	0.0039	0.0053
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

**TABLE 9
HISTORICAL SUMMARY DATA - MONITORING WELL B-12
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Mar 2003	Jun 2003	Aug 2003	Oct 2003	Jan 2004	Mar 2004	Apr 2004	Aug 2004	Oct 2004	Feb 2005
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature	(C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	200	200	200	200	200	170	210	200	200	180
Bicarbonate	mg/L	240	240	240	240	240	210	260	250	250	210
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	10	10	8.0	8.5	22		6.5	6.0	30	7.0
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	15	15	15	15	15	NA	15	7	3.4	3.4
Chloride	mg/L	19	18	19	21	22	20	20	20	20	20
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	0.5	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	250	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	13	13	13	14	13	11	14	12	12	11
Perchlorate	µg/L	28	30	29	29	27	28	30	23	35	23
pH	units	7.6	7.6	7.7	7.7	7.4	7.7	7.7	7.7	7.7	7.6
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	0.05	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	570	NA	NA	NA	NA
Sulfate	mg/L	46	46	44	49	50	41	54	50	50	40
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	380	390	410	400	430	370	420	400	390	370
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	0.78	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	5.63	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	5.9	NA	NA	NA	NA
METALS (mg/L):											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	µg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	24	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	28	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	79	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	5.8	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	0.14	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	17	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	13	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	0.42	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	1.3	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	3.2	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	0.73	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	18	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	2.0	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
DISSOLVED METALS											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	78	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	0.30	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	250	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	0.10	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	13	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	0.80	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	0.15	0.13
2-Butanone (MEK)	µg/L	17	ND	ND	ND	16	NA	ND	ND	ND	ND
Acetone	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Chloroform	µg/L	0.17	ND	ND	ND	ND	NA	0.2	0.22	0.29	0.20
Methylene Chloride	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	0.18	ND
Trichloroethene	µg/L	2.5	1.4	2.4	2.0	2.0	NA	2.1	3.0	3.6	3.2
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.028	0.022	0.024	0.025	0.025	NA	0.020	0.017	0.032	0.02
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											

TABLE 9 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-12
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Apr 2005	Aug 2005	Dec 2005	Mar 2006	May 2006	Aug 2006	Oct 2006	Mar 2007	Jun 2007	Aug 2007
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature	(C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	180	220	210	190	210	210	200	200	180	220
Bicarbonate	mg/L	220	270	260	230	260	260	240	250	210	270
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	7.0	9.0	9.0	8.0	11.0	0.1	8.8	21.0	30	8.8
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	6.5	6.5	6.5	6.5	6.5	7	15	15	NA	NA
Chloride	mg/L	20	18	18	18	17	17	20	21	21	20
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	11	16	16	9.8	15	14	14	17	16	13
Perchlorate	µg/L	24	37	39	19	40	32	33	39	37	28
pH	units	7.6	7.7	7.7	7.6	7.6	7.6	7.6	7.5	7.78	7.66
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	40	55	51	40	54	49	54	59	71	51
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	360	400	420	380	480	460	440	450	440	440
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L): NA											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	µg/L	2.0	ND	ND	ND	1.2	1.7	ND	ND	ND	ND
Chloroform	µg/L	ND	0.18	ND	ND	0.21	ND	ND	0.2	0.22	0.23
Methylene Chloride	µg/L	0.23	ND	ND	ND	ND	ND	1.6	ND	ND	ND
Trichloroethene	µg/L	3.7	0.93	0.87	0.78	0.76	0.81	0.76	0.87	1.0	1.3
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.025	0.015	0.016	0.013	0.022	0.017	ND	0.012	0.019	0.026
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 9 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-12
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Jan 2008	Mar 2008	Jun 2008	Aug 2008	Nov 2008	Feb 2009	May 2009	Sep 2009	Nov 2009	Jan 2010
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	6.92	8.41	6.26	12.84	7.23	4.02	6.43
ORP	MV	NA	NA	NA	126	74	300	184	163	141	231
pH	units	NA	NA	NA	7.57	7.2	7.34	7.39	7.22	7.29	7.29
Specific Conductance	µmho/cm	NA	NA	NA	714	616	815	728	768	779	844
Temperature	(C°)	NA	NA	NA	18.58	18.5	17.77	19.42	19.6	18.5	18.17
Turbidity	NTU	NA	NA	NA	5	5	<5	<5	<0.1	<0.1	<0.1
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	200	190	200	210	200	220	210	200	200	220
Bicarbonate	mg/L	NA	NA	NA	260	240	270	250	240	240	270
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	220
Carbon dioxide, dissolved	mg/L	1.8	1.8	7.0	8.8	7.0	7.0	7.0	7.0	8.8	14
Carbonate	mg/L	NA	NA	NA	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0
Chemical Oxygen Demand	mg/L	15	39	15	15	15	15	15	15	15	15
Chloride	mg/L	20	18	21	20	22	22	19	22	20	21
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.017
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.41
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	360
Hydroxide	mg/L	NA	NA	NA	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0
Nitrate-Nitrogen	mg/L	14	13	16	17	19	21	15	18	17	19
Perchlorate	µg/L	32	38	44	43	41	58	38	42	41	47
pH	units	7.74	7.84	7.72	7.78	7.76	7.97	7.80	7.61	7.76	7.74
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.060
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	760
Sulfate	mg/L	58	54	58	57	66	84	65	72	70	90
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020
Total Dissolved Solids	mg/L	420	450	400	430	400	500	450	470	470	540
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.50
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.026
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.3
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	8.4
METALS (mg/L): NA											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00030
Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00090
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.041
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.037
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	110
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0040
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00017
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00067
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.028
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00020
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	20
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0070
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0046
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00066
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.6
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00080
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00020
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.00080
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0050
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	ND	ND	NA	0.42	0.42	0.42	0.42	0.42	0.42	0.42
2-Butanone (MEK)	µg/L	ND	ND	ND	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	25	16	NA	11	4.5	4.5	4.5	4.5	4.5	4.5
Chloroform	µg/L	ND	ND	NA	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Methylene Chloride	µg/L	ND	ND	2.3	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Trichloroethene	µg/L	1.2	1.4	1.3	2.0	1.6	0.94	1.6	1.8	1.3	1.0
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.020	0.018	0.024	0.029	0.027	0.033	0.027	0.033	0.019	0.035
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											

**TABLE 9 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-12
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	May 2010	Sept 2010	Nov 2010	Feb 2011	May 2011	Sept 2011	Nov 2011	Feb 2012	May 2012	Aug 2012
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	9.62	7.33	6.51	7.77	6.03	8.55	7.66	7.53	7.26	6.36
ORP	MV	107	276	214	141	149	166	171	158	178	204
pH	units	7.30	6.31	6.88	7.07	7.42	7.04	7.25	7.16	6.87	6.51
Specific Conductance	µmho/cm	760	793	806	821	768	875	924	1100	903	874
Temperature	(C°)	18.84	19.77	18.78	17.65	19.03	19.12	18.23	18.12	19.57	20.18
Turbidity	NTU	1.2	0.5	7.3	1.1	<5	<5	1.6	<5	<5	<5
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	200	220	220	240	220	230	230	250	250	240
Bicarbonate	mg/L	250	270	270	290	270	280	280	NA	NA	NA
Bicarbonate Alkalinity	mg/L	200	NA	NA	NA	NA	NA	NA	250	250	240
Carbon dioxide, dissolved	mg/L	7.0	8.8	7.0	7.0	8.8	28.0	14	28	18	14
Carbonate	mg/L	1.2	1.2	1.2	1.2	1.2	1.2	1.2	NA	NA	NA
Carbonate Alkalinity	mg/L	2.0	NA	NA	NA	NA	NA	NA	4.0	4.0	4.0
Chemical Oxygen Demand	mg/L	16	16	16	16	16	16	16	16	16	16
Chloride	mg/L	22	21	21	21	20	24	26	33	33	31
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	0.59	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	0.70	0.70	0.70	0.70	0.70	0.70	0.70	NA	NA	NA
Hydroxide Alkalinity	mg/L	2.0	NA	NA	NA	NA	NA	NA	4.0	4.0	4.0
Nitrate-Nitrogen	mg/L	19	20	20	20	16	24	29	45	29	24
Perchlorate	µg/L	46	44	42	55	40	47	55	63	51	53
pH	units	7.68	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	78	79	74	75	62	73	80	97	83	79
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	480	530	510	580	460	580	620	700	620	650
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	7.7	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Chloroform	µg/L	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Methylene Chloride	µg/L	0.95	0.95	1.2	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Trichloroethene	µg/L	1.5	0.89	0.75	0.89	1.4	0.9	0.63	0.47	0.64	0.66
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.023	0.015	0.016	0.027	0.022	0.019	0.020	0.017	0.0099	0.011
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 9 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-12
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Nov 2012	Jan 2013	Apr 2013	Sep 2013	Nov 2013	Feb 2014	May 2014	Aug 2014	Nov 2014	Feb 2015
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	7.59	7.53	7.08	7.22	9.78	8.90	12.02	9.63	6.89	9.18
ORP	MV	227	337	147	183	336	201	241	315	226	291
pH	units	6.97	6.85	6.78	7.02	7.74	7.42	7.68	7.46	6.30	6.93
Specific Conductance	µmho/cm	1010	1080	899	814	773	747	694	706	755	1190
Temperature	(C°)	18.85	16.67	18.30	19.09	18.92	18.14	19.94	21.46	20.46	17.98
Turbidity	NTU	1.2	0.8	1.1	0.0	0.5	0.0	0.0	1.4	343.0	11.8
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	220	230	240	240	240	220	220	220	200	210
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity	mg/L	220	230	240	240	240	220	220	220	200	210
Carbon dioxide, dissolved	mg/L	14	21	14	14	8.8	12	18	NA	12	16
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	0.00	0.00	0.00	4.0	0.00	0.00	4.0	0.00	0.00	4.0
Chemical Oxygen Demand	mg/L	16	16	20	10	17	10	10	10	26	10
Chloride	mg/L	38	38	30	32	33	30	27	26	27	23
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	0.00	0.00	0.00	4.0	0.00	0.00	4.0	0.00	0.00	4.0
Nitrate-Nitrogen	mg/L	35	34	28	30	27	22	22	22	20	14
Perchlorate	µg/L	63	58	55	52	51	42	39	33	23	16
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	86	98	80	87	96	91	81	81	73	54
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	690	670	600	650	610	590	560	520	570	430
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Antimony	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS:											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	0.42	0.42	0.42	0.25	0.25	0.25	0.25	0.25	0.25	0.25
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Acetone	µg/L	4.5	4.5	4.5	3.1 ⁽⁴⁾	4.5	4.5	4.5	4.5	4.5	4.5
Chloroform	µg/L	0.33	0.33	0.33	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Methylene Chloride	µg/L	0.95	0.95	0.95	0.69 ⁽⁴⁾	0.88	0.88	0.88	0.88	0.88	0.88
Trichloroethene	µg/L	0.73	0.47	0.49	0.75	0.77	0.64	0.62	0.26	0.25	0.54
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.014	0.0084	0.010	0.027	0.025	0.019	0.023	0.0080	0.0071	0.0095
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 10
HISTORICAL SUMMARY DATA - MONITORING WELL B-13
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Mar 2003	Jun 2003	Aug 2003	Oct 2003	Jan 2004	Mar 2004	Apr 2004	Oct 2004	Feb 2005	Apr 2005
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature	(C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	190	210	210	200	170	180	170	190	170	180
Bicarbonate	mg/L	230	250	250	250	210	210	210	230	210	210
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	12	10	8.5	3.2	24		5.5	38	9	8
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	NA	NA	NA	NA	NA	NA	NA	3.4	3.4	6.5
Chloride	mg/L	17	21	19	21	20	20	17	21	21	21
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	0.7	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	250	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	13	15	14	14	11	11	9.7	11	11	11
Perchlorate	µg/L	41	35	37	40	38	40	56	34	27	22
pH	units	7.5	7.6	7.7	8.1	7.3	7.6	7.7	7.7	7.5	7.6
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	570	NA	NA	NA	NA
Sulfate	mg/L	45	54	50	52	42	42	39	44	42	40
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	380	410	470	400	360	380	330	360	360	380
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	1.2	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	5.87	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	6.0	NA	NA	NA	NA
METALS (mg/L):											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	26	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	37	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	77	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	5.5	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	0.14	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	13	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	1.2	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	3.0	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	0.68	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	21	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	1.6	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
DISSOLVED METALS											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	73	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	0.41	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	240	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	0.28	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	13	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	0.23	ND	0.17	ND	0.35	NA	0.61	0.19	0.15	ND
2-Butanone (MEK)	µg/L	ND	ND	ND	ND	22	NA	ND	ND	ND	ND
Acetone	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	2.0
Chloroform	µg/L	ND	0.18	ND	ND	ND	NA	0.18	0.17	ND	0.22
Methylene Chloride	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	0.30
Toluene	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Trichloroethene	µg/L	3.3	3.4	5.5	6.2	5.6	NA	9.6	4.4	3.9	3.0
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.032	0.036	0.037	0.038	0.036	NA	0.072	0.037	0.022	0.024
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											
ORGANOCHLORINE PESTICIDES (EPA 8081A): ND											
PCBs (EPA 8082): ND											
CHLORINATED HERBICIDES (EPA 8151A): ND											

TABLE 10 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-13
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Aug 2005	Dec 2005	Mar 2006	May 2006	Aug 2006	Oct 2006	Mar 2007	Jun 2007	Aug 2007	Jan 2008
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature	(C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	270	220	230	190	220	210	200	240	200	180
Bicarbonate	mg/L	330	270	280	230	270	250	240	300	250	NA
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	14	15	12	13	0.1	14	21	23	8.8	2.2
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	6.5	6.5	6.5	6.5	11	15	15	NA	NA	15
Chloride	mg/L	21	36	35	19	18	19	15	20	17	18
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	17	9.3	8.6	10	16	15	8.3	14	12	9.6
Perchlorate	µg/L	33	16	12	41	33	38	24	28	22	18
pH	units	7.6	7.5	7.5	7.5	7.6	7.5	7.37	7.74	7.63	7.67
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	68	42	44	41	59	62	37	70	51	47
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	470	400	440	400	490	460	380	410	420	340
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L): NA											
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	ND	ND	ND	0.49	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	µg/L	ND	ND	ND	1.4	1.8	ND	ND	ND	ND	ND
Chloroform	µg/L	ND	ND	ND	0.22	ND	ND	0.2	0.27	0.30	ND
Methylene Chloride	µg/L	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND
Toluene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	µg/L	1.7	1.4	0.64	7.6	0.99	1.7	1.7	1.9	2.0	1.1
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.021	0.013	0.007	0.1	0.021	ND	0.018	0.03	0.029	0.015
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											
ORGANOCHLORINE PESTICIDES (EPA 8081A): NA											
PCBs (EPA 8082): NA											
CHLORINATED HERBICIDES (EPA 8151A): NA											

TABLE 10 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-13
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Mar 2008	Jun 2008	Aug 2008	Nov 2008	Feb 2009	May 2009	Sep 2009	Nov 2009	Jan 2010
FIELD PARAMETERS										
Dissolved Oxygen	mg/L	NA	NA	3.75	4.22	6.83	9.12	9.43	3.88	5.34
ORP	MV	NA	NA	97	57	296	198	134	107	235
pH	units	NA	NA	7.61	7.0	7.20	7.27	7.01	7.21	7.18
Specific Conductance	µmho/cm	NA	NA	706	639	553	831	910	893	570
Temperature	(C°)	NA	NA	18.46	18.1	16.84	19.20	19.3	18.4	17.0
Turbidity	NTU	NA	NA	<5	10.9	<5	<5	<0.1	<0.1	<0.1
GENERAL CHEMISTRY										
Alkalinity as CaCO3	mg/L	NA	NA	220	240	180	240	260	260	170
Bicarbonate	mg/L	NA	NA	260	300	220	290	320	310	210
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	170
Carbon dioxide, dissolved	mg/L	NA	NA	8.8	7.0	3.5	11	11	18	11
Carbonate	mg/L	NA	NA	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	2.0
Chemical Oxygen Demand	mg/L	NA	NA	15	15	15	15	15	17	15
Chloride	mg/L	NA	NA	21	22	18	23	26	24	17
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.017
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.54
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	220
Hydroxide	mg/L	NA	NA	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	2.0
Nitrate-Nitrogen	mg/L	NA	NA	13	15	9.2	19	21	20	7.8
Perchlorate	µg/L	NA	NA	25	26	19	34	38	36	16
pH	units	NA	NA	7.72	7.60	7.99	7.75	7.45	7.60	7.72
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.025
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.060
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.020
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	510
Sulfate	mg/L	NA	NA	58	59	41	69	75	74	39
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.020
Total Dissolved Solids	mg/L	NA	NA	420	400	320	520	520	530	340
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.50
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.030
ANIONS and CATIONS										
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	5.3
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	5.6
METALS (mg/L): NA										
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00030
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00090
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.031
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00090
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.034
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	74
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00093
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00050
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.015
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00020
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	13
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0070
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0039
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00069
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	2.6
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00062
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00010
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	18
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00020
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.00080
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0050
DISSOLVED METALS: NA										
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):										
1,1-Dichloroethene	µg/L	NA	NA	0.42	0.42	0.42	0.42	0.42	0.42	0.42
2-Butanone (MEK)	µg/L	NA	NA	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	NA	NA	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Chloroform	µg/L	NA	NA	0.33	0.33	0.33	0.33	0.33	0.33	0.33
Methylene Chloride	µg/L	NA	NA	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Toluene	µg/L	NA	NA	0.36	0.36	0.36	0.36	0.36	0.40	0.36
Trichloroethene	µg/L	NA	NA	1.7	2.2	0.83	1.5	1.5	2.0	0.54
EDB AND DCP (EPA 504.1):										
1,2-Dibromo-3-chloropropane	µg/L	NA	NA	0.021	0.030	0.015	0.023	0.022	0.026	0.010
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND										
ORGANOCHLORINE PESTICIDES (EPA 8081A): ND										
PCBs (EPA 8082): ND										
CHLORINATED HERBICIDES (EPA 8151A): ND										

TABLE 10 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-13
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	May 2010	Sept 2010	Nov 2010	Feb 2011	May 2011	Sept 2011	Nov 2011	Feb 2012	May 2012
FIELD PARAMETERS										
Dissolved Oxygen	mg/L	2.17	4.42	2.15	4.79	5.83	9.62	0.83	1.89	5.49
ORP	MV	104	250	176	130	176	164	158	123	334
pH	units	7.05	6.33	6.70	6.96	6.75	6.98	6.73	7.53	6.73
Specific Conductance	µmho/cm	944	881	915	759	808	643	1160	768	885
Temperature	(C°)	18.49	19.87	18.98	17.85	18.78	19.09	18.37	18.64	19.16
Turbidity	NTU	1.88	0.2	<5	1.1	<5	<5	0.2	<5	<5
GENERAL CHEMISTRY										
Alkalinity as CaCO3	mg/L	320	310	350	270	220	500	420	220	240
Bicarbonate	mg/L	400	380	420	330	270	600	510	NA	NA
Bicarbonate Alkalinity	mg/L	320	NA	NA	NA	NA	NA	NA	220	240
Carbon dioxide, dissolved	mg/L	14	11	14	7.0	8.8	88.0	67	25	25
Carbonate	mg/L	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Carbonate Alkalinity	mg/L	2.0	NA	NA	NA	NA	NA	NA	4.0	4.0
Chemical Oxygen Demand	mg/L	16	16	16	16	16	16	16	16	16
Chloride	mg/L	24	21	20	19	24	25	23	59	33
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	0.54	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	0.70	0.70	0.70	0.70	0.70	0.70	0.70	NA	NA
Hydroxide Alkalinity	mg/L	2.0	NA	NA	NA	NA	NA	NA	4.0	4.0
Nitrate-Nitrogen	mg/L	20	18	16	12	20	17	18	11	24
Perchlorate	µg/L	23	28	21	30	39	33	34	6.4	36
pH	units	7.57	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	68	64	56	41	58	60	68	46	92
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	600	580	570	490	520	740	700	460	600
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS										
Anions, total	meq/L	10	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):										
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA										
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):										
1,1-Dichloroethene	µg/L	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Chloroform	µg/L	0.33	0.33	0.33	0.33	0.33	0.33	0.33	2.3	0.33
Methylene Chloride	µg/L	0.95	0.95	1.1	0.95	0.95	0.95	0.95	0.95	0.95
Toluene	µg/L	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
Trichloroethene	µg/L	1.1	1.7	1.4	1.1	0.77	0.61	0.4	0.26	0.70
EDB AND DCP (EPA 504.1):										
1,2-Dibromo-3-chloropropane	µg/L	0.0089	0.028	0.029	0.017	0.0089	0.0098	0.0097	0.0037	0.0089
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA										
ORGANOCHLORINE PESTICIDES (EPA 8081A): NA										
PCBs (EPA 8082): NA										
CHLORINATED HERBICIDES (EPA 8151A): NA										

TABLE 10 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-13 (ABANDONED)
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Aug 2012	Nov 2012	Jan 2013	Apr 2013	MED.	AVG.	STD. DEV.	MIN.	MAX.	CURRENT MODE
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	3.10	3.54	4.82	5.09	4.61	4.82	2.45	0.83	9.62	Detection
ORP	MV	174	176	294	142	169	176	73	57	334	Detection
pH	units	6.35	5.94	7.68	7.14	7.01	6.97	0.44	5.94	7.68	Tracking
Specific Conductance	µmho/cm	850	778	601	640	793	787	152	553	1160	Detection
Temperature	(C°)	20.13	18.29	17.44	17.80	18.48	18.51	0.86	16.84	20.13	Detection
Turbidity	NTU	<5	0	0.1	<5	0.2	2.05	3.96	0	10.9	Detection
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	240	230	220	190	220	233	68	170	500	Tracking
Bicarbonate	mg/L	NA	NA	NA	NA	260	288	89	210	600	Tracking
Bicarbonate Alkalinity	mg/L	240	230	220	190	225	228.75	44.22	170	320	Detection
Carbon dioxide, dissolved	mg/L	25	11	14	11	11	16.21	16.43	2.2	88	Tracking
Carbonate	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Carbonate Alkalinity	mg/L	4.0	0.00	0.00	0.00	1	1	0.9258201	0	0	Detection
Chemical Oxygen Demand	mg/L	16	16	16	18	17	15	3.79	11	18	Tracking
Chloride	mg/L	29	21	23	19	21	23	7.50	15	59	Tracking
Cyanide, total	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Fluoride	mg/L	NA	NA	NA	NA	0.54	0.59	0.09	0.54	0.70	Detection
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	235	235	21.21	220	250	Detection
Hydroxide	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Hydroxide Alkalinity	mg/L	4.0	0.00	0.00	0.00	1	1	0.9258201	0	0	Detection
Nitrate-Nitrogen	mg/L	20	13	15	11	13.5	14	4	7.8	24	Tracking
Perchlorate	µg/L	37	26	22	29	31.5	30	10	6.4	56	Detection
pH	units	NA	NA	NA	NA	7.6	7.62	0.16	7.3	8.1	Detection
Phenols	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Phosphorus	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Specific Conductance	µmhos/c	NA	NA	NA	NA	540	540	42.43	510	570	Detection
Sulfate	mg/L	85	62	53	48	52.5	54.68	13.52	37	92	Tracking
Sulfide	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Total Dissolved Solids	mg/L	590	500	420	370	420	456	100	320	740	Tracking
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	0.73	0.73	0.67	1.2	1.2	Detection
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	0.03	0.03	NC	0.03	0.03	Detection
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	5.87	7.06	2.56	5.3	10	Detection
Cations, total	meq/L	NA	NA	NA	NA	5.8	5.8	0.28	5.6	6.0	Detection
METALS (mg/L):											
Antimony	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Arsenic	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Barium	mg/L	NA	NA	NA	NA	13.02	13.02	18.36	0.031	26	Detection
Beryllium	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Boron	mg/L	NA	NA	NA	NA	18.52	18.52	26.14	0.034	37	Detection
Cadmium	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Calcium	mg/L	NA	NA	NA	NA	75.5	75.5	2.12	74	77	Detection
Chromium	mg/L	NA	NA	NA	NA	2.75	2.75	3.89	0.0009	5.5	Detection
Cobalt	mg/L	NA	NA	NA	NA	0.07	0.07	0.10	0.0001	0.14	Detection
Copper	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Iron	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Lead	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Magnesium	mg/L	NA	NA	NA	NA	13	13	0	13	13	Detection
Manganese	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Mercury	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Molybdenum	mg/L	NA	NA	NA	NA	0.004	0.004	NC	0.0039	0.0039	Detection
Nickel	mg/L	NA	NA	NA	NA	0.60	0.60	0.85	0.0007	1.2	Detection
Potassium	mg/L	NA	NA	NA	NA	2.8	2.8	0.28	2.6	3.0	Detection
Selenium	mg/L	NA	NA	NA	NA	0.34	0.34	0.48	0.0006	0.68	Detection
Silver	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Sodium	mg/L	NA	NA	NA	NA	19.5	19.5	2.12	18	21	Detection
Thallium	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Vanadium	mg/L	NA	NA	NA	NA	0.80	0.80	1.13	1.6	1.6	Detection
Zinc	µg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	73	73	NC	73	73	Detection
Dissolved Copper	mg/L	NA	NA	NA	NA	0.41	0.41	NC	0.41	0.41	Detection
Dissolved Hardness	mg/L	NA	NA	NA	NA	240	240	NC	240	240	Detection
Dissolved Iron	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Lead	mg/L	NA	NA	NA	NA	0.28	0.28	NC	0.28	0.28	Detection
Dissolved Magnesium	mg/L	NA	NA	NA	NA	13	13	NC	13	13	Detection
Dissolved Manganese	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Zinc	mg/L	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	0.42	0.42	0.42	0.42	0.21	0.24	0.10	0.15	0.61	Detection
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	4.7	22	22.00	NC	22	22	Detection
Acetone	µg/L	4.5	4.5	4.5	4.5	2.25	2.18	0.20	1.4	2.0	Detection
Chloroform	µg/L	0.33	0.33	0.58 ⁽⁴⁾	0.33	0.17	0.26	0.41	0.17	2.30	Detection
Methylene Chloride	µg/L	1.2	0.95	0.95	0.95	0.48	0.57	0.26	0.30	1.3	Detection
Toluene	µg/L	0.36	0.36	0.36	0.36	0.4	0.40	NC	0.40	0.40	Detection
Trichloroethene	µg/L	0.68	1.1	0.26	2.2	1.7	2.25	2.12	0.4	9.6	Detection
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.010	0.0093	0.0048	0.022	0.02	0.02	0.02	0.0037	0.10	Detection
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											
ORGANOCHLORINE PESTICIDES (EPA 8081A): NA											
PCBs (EPA 8082): NA											
CHLORINATED HERBICIDES (EPA 8151A): NA											

**TABLE 10R
HISTORICAL SUMMARY DATA - MONITORING WELL B-13R
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Jul 2013	Sep 2013	Nov 2013	Feb 2014	May 2014	Aug 2014	Nov 2014	Feb 2015	May 2015	Aug 2015
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	5.72	2.85	7.49	5.44	6.51	2.83	9.78	6.15	5.82
ORP	MV	NA	158	194	164	195	232	237	208	183	147
pH	units	6.17	6.69	6.92	7.11	7.35	7.04	6.89	6.62	6.12	7.16
Specific Conductance	µmho/cm	813	730	756	799	854	824	888	3650	3520	862
Temperature	(°C)	21.20	18.86	16.98	18.26	19.56	19.61	18.30	18.79	23.05	22.91
Turbidity	NTU	1.1	0.0	0.5	1.1	1.5	0.5	1.5	328	391	311
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	240	290	300	320	350	380	360	410	420	NA
Bicarbonate Alkalinity	mg/L	240	290	300	320	350	380	360	410	420	NA
Carbon dioxide, dissolved	mg/L	NA	28	26	33	46	NA	67	74	55	NA
Carbonate Alkalinity	mg/L	4.0	4.0	0.00	0.00	4.0	0.00	0.00	4.0	4.0	NA
Chemical Oxygen Demand	mg/L	16	10	10	10	10	10	25	10	17	NA
Chloride	mg/L	26	26	31	29	29	28	28	32	31	NA
Cyanide, total	mg/L	0.017	0.017	0.017	0.017	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	0.36	0.38	0.42	0.47	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	390	370	460	450	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	4.0	4.0	0.00	0.00	4.0	0.00	0.00	4.0	4.0	NA
Nitrate-Nitrogen	mg/L	19	17	18	18	17	17	14	13	11	NA
Perchlorate	µg/L	27	27	27	22	23	20	13	15	14	17
pH	units	7.89	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	0.05	0.05	0.05	0.025	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	0.22	0.06	0.06	0.060	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	0.07	0.02	0.02	0.02	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/cm	820	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	68	73	77	78	86	70	62	66	62	NA
Sulfide	mg/L	0.02	0.02	0.02	0.02	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	570	510	550	580	660	600	660	650	630	NA
Total Organic Carbon (TOC)	mg/L	2.4	0.89	0.76	0.77	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	0.02	0.02	0.02	0.015	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	8.3	8.1	9.8	10	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	9.2	9.2	9.0	10	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Antimony	mg/L	0.0003	0.0005	0.0005	0.0005	NA	NA	NA	NA	NA	NA
Arsenic	mg/L	0.0009	0.0005	0.0005	0.0005	NA	NA	NA	NA	NA	NA
Barium	mg/L	0.056	0.048	0.046	0.055	NA	NA	NA	NA	NA	NA
Beryllium	mg/L	0.0001	0.00025	0.00025	0.00025	NA	NA	NA	NA	NA	NA
Boron	mg/L	0.042	0.052	0.046	0.056	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	0.0001	0.00025	0.00025	0.00025	NA	NA	NA	NA	NA	NA
Calcium	mg/L	120	120	120	140	NA	NA	NA	NA	NA	NA
Chromium	mg/L	0.004	0.0034 ⁽⁴⁾	0.0031	0.0021	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	0.0011	0.00066	0.00066	0.00065	NA	NA	NA	NA	NA	NA
Copper	mg/L	0.0034	0.0005	0.0005	0.00093	NA	NA	NA	NA	NA	NA
Iron	mg/L	3.0	0.015	0.016	0.050	NA	NA	NA	NA	NA	NA
Lead	mg/L	0.0010	0.0005	0.0005	0.0005	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	21	21	20	23	NA	NA	NA	NA	NA	NA
Manganese	mg/L	0.065	0.0070	0.0070	0.0070	NA	NA	NA	NA	NA	NA
Mercury	mg/L	0.00013	0.00010	0.00010	0.00010	NA	NA	NA	NA	NA	NA
Nickel	mg/L	0.0036	0.0011⁽⁴⁾	0.00081	0.0019	NA	NA	NA	NA	NA	NA
Potassium	mg/L	4.7	4.4	4.2	4.5	NA	NA	NA	NA	NA	NA
Selenium	mg/L	0.0009	0.0005	0.0005	0.0005	NA	NA	NA	NA	NA	NA
Silver	mg/L	0.00011	0.0005	0.0005	0.0005	NA	NA	NA	NA	NA	NA
Sodium	mg/L	31	32	30	32	NA	NA	NA	NA	NA	NA
Thallium	mg/L	0.0002	0.0005	0.0005	0.0005	NA	NA	NA	NA	NA	NA
Tin	mg/L	0.005	0.005	0.005	0.005	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	0.0055	0.0017	0.0019	0.0019	NA	NA	NA	NA	NA	NA
Zinc	mg/L	0.27	0.005	0.0090	0.0090	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
Methylene Chloride	µg/L	0.95	0.70⁽⁴⁾	0.88	1.8⁽⁴⁾	0.88	0.88	0.88	0.88	0.88	0.88
Toluene	µg/L	3.90	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Trichloroethene	µg/L	0.42	0.40	0.33	0.31	0.25	0.25	0.25	0.25	0.25	0.25
EDB AND DCP (EPA 504.1)											
1,2-Dibromo-3-chloropropane	µg/L	0.0069	0.0079	0.011	0.0076	0.0058	0.0088	0.0061	0.0062	0.0030	NA
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C)											
Bis(2-ethylhexyl) phthalate	µg/L	7.100	1.6	1.8	2.0	NA	NA	NA	NA	NA	17

TABLE 10R
HISTORICAL SUMMARY DATA - MONITORING WELL B-13R
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Nov 2015	Feb 2016	May 2016	Sep 2016	Nov 2016	Feb 2017	May 2017	MED.	AVG.	STD. DEV.	MIN.	MAX.	CURRENT MODE
FIELD PARAMETERS														
Dissolved Oxygen	mg/L	5.82	NA	NA	NA	NA	NA	NS	5.82	5.84	2.03	2.83	9.78	Detection
ORP	MV	103	NA	NA	NA	NA	NA	NS	189	182	41	103	237	Detection
pH	units	7.23	NA	NA	NA	NA	NA	NS	6.9	6.85	0.41	6.12	7.35	Tracking
Specific Conductance	µmho/cm	781	NA	NA	NA	NA	NA	NS	824	1316	1123	730	3650	Detection
Temperature	(C°)	21.07	NA	NA	NA	NA	NA	NS	19.56	19.87	1.96	16.98	23.05	Detection
Turbidity	NTU	OR	NA	NA	NA	NA	NA	NS	1.3	103.62	166.61	0	391	Detection
GENERAL CHEMISTRY														
Alkalinity as CaCO3	mg/L	440	450	NA	NA	NA	NA	NS	360	360	68	240	450	Tracking
Bicarbonate Alkalinity	mg/L	440	450	NA	NA	NA	NA	NS	360	360	67.53	240	450	Detection
Carbon dioxide, dissolved	mg/L	62	35	NA	NA	NA	NA	NS	46	47	17.89	26	74	Detection
Carbonate Alkalinity	mg/L	4.0	4.0	NA	NA	NA	NA	NS	0	0.0	0.00	0	0	Detection
Chemical Oxygen Demand	mg/L	160	43	NA	NA	NA	NA	NS	34.0	61.25	66.73	17.0	160	Detection
Chloride	mg/L	37	38	NA	NA	NA	NA	NS	29	30.45	3.98	26	38	Tracking
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NS	0.40	0.41	0.05	0.36	0.47	Detection
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NS	420	418	44.25	370	460	Detection
Hydroxide Alkalinity	mg/L	4.0	4.0	NA	NA	NA	NA	NS	0	0.0	0.00	0	0	Detection
Nitrate-Nitrogen	mg/L	12	10	NA	NA	NA	NA	NS	17	15.1	3.18	10	19	Tracking
Perchlorate	µg/L	13	11	NA	NA	NA	NA	NS	19	19	6	11	27	Detection
pH	units	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Tracking
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Specific Conductance	µmhos/cm	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Sulfate	mg/L	74	81	NA	NA	NA	NA	NS	73	72	8	62	86	Tracking
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Total Dissolved Solids	mg/L	540	620	NA	NA	NA	NA	NS	600	597	51	510	660	Tracking
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NS	0.83	1.21	0.80	0.76	2.4	Detection
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
ANIONS and CATIONS														
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NS	9.05	9.1	1.0	8.1	10	Detection
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NS	9.2	9.4	0.44	9	10	Detection
METALS (mg/L):														
Antimony	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Arsenic	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Barium	mg/L	NA	NA	NA	NA	NA	NA	NS	0	0.05	0.00	0.046	0.056	Detection
Beryllium	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Boron	mg/L	NA	NA	NA	NA	NA	NA	NS	0.05	0.05	0.01	0.042	0.056	Detection
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NS	120	125	10.00	120	140	Detection
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NS	0.0	0.0	0.0	0.0021	0.004	Detection
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NS	0.00	0.00	0.00	0.00065	0.0011	Detection
Copper	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Iron	mg/L	NA	NA	NA	NA	NA	NA	NS	0.05	1.02	2	0.016	3	Detection
Lead	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NS	21	21	1.26	20	23	Detection
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NS	0.00	0.00	0.00	0.00081	0.0036	Detection
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NS	4.45	4.5	0.21	4.2	4.7	Detection
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Silver	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NS	31.5	31.25	0.96	30	32	Detection
Thallium	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Tin	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NS	0.0	0.0	0.00	0.0	0.0055	Detection
Zinc	mg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):														
Methylene Chloride	µg/L	0.88	0.88	0.88	0.88	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Toluene	µg/L	0.25	0.25	0.25	0.25	NA	NA	NS	NC	NC	NC	NC	NC	Detection
Trichloroethene	µg/L	0.25	0.25	0.25	0.25	NA	NA	NS	0.4	0.37	0.05	0.31	0.42	Detection
EDB AND DCP (EPA 504.1)														
1,2-Dibromo-3-chloropropane	µg/L	0.0036	0.0028	NA	NA	NA	NA	NS	0.01	0.01	0.00	0.003	0.011	Detection
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C)														
Bis(2-ethylhexyl) phthalate	µg/L	NA	NA	NA	NA	NA	NA	NS	NC	NC	NC	NC	NC	Detection

**TABLE 11
HISTORICAL SUMMARY DATA - MONITORING WELL B-14
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Mar 2003	Jun 2003	Aug 2003	Oct 2003	Jan 2004	Mar 2004	Apr 2004	Aug 2004	Oct 2004	Feb 2005
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature	(C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	210	290	300	290	200	200	320	250	250	190
Bicarbonate	mg/L	260	360	360	360	240	240	390	310	310	230
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	14	24	23	16	45		21	4	55	10
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	NA	NA	NA	NA	NA	NA	NA	5	7	3.4
Chloride	mg/L	19	19	18	20	23	20	19	21	22	21
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	0.4	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	230	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	12	11	10	11	12	13	11	12	13	11
Perchlorate	µg/L	30	27	27	29	32	NA	28	29	25	40
pH	units	7.5	7.4	7.4	7.6	7.2	7.3	7.4	8.0	7.6	7.5
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	0.009	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	640	NA	NA	NA	NA
Sulfate	mg/L	46	52	47	51	46	47	53	52	54	45
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	410	470	480	480	390	410	530	470	450	410
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	1.1	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	6.49	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	6.7	NA	NA	NA	NA
METALS (mg/L):											
Arsenic	µg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	30	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	150	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	70	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	7.4	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	0.73	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	12	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	1.6	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	3.9	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	0.66	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	48	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	2.3	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
DISSOLVED METALS											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	67	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	0.35	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	220	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	12	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	0.84	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	0.19
2-Butanone (MEK)	µg/L	ND	ND	ND	ND	29	NA	ND	ND	ND	ND
Acetone	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Chloroform	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	0.19	ND
cis-1,2-Dichloroethene	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND
Methylene Chloride	µg/L	ND	ND	ND	ND	ND	NA	ND	ND	0.21	ND
Tetrachloroethene	µg/L	ND	0.21	ND	ND	ND	NA	0.33	ND	ND	ND
Trichloroethene	µg/L	2.9	1.9	2.9	2.5	1.8	NA	3.2	3.8	3.3	3.5
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.032	0.027	0.028	0.028	0.024	NA	0.025	0.02	0.025	0.033
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											

TABLE 11 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-14
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Apr 2005	Aug 2005	Dec 2005	Mar 2006	May 2006	Aug 2006	Oct 2006	Mar 2007	May 2007	Aug 2007
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ORP	MV	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Temperature	(C°)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Turbidity	NTU	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	330	290	380	200	350	330	300	280	240	250
Bicarbonate	mg/L	400	350	470	250	420	400	370	340	290	300
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon dioxide, dissolved	mg/L	24	22	33	14	38	0.1	44	40	1.3	21
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	6.5	6.5	6.5	6.5	6.5	9	15	15	NA	NA
Chloride	mg/L	22	51	47	32	23	23	23	21	21	22
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	12	8.9	9.1	8.8	13	12	13	13	14	15
Perchlorate	µg/L	26	11	13	17	30	25	31	33	35	31
pH	units	7.4	7.4	7.3	7.4	7.3	7.2	7.2	7.3	7.55	7.31
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	47	50	48	41	54	48	54	54	72	57
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	570	520	590	400	620	580	570	570	460	510
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L): NA											
Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	µg/L	2.7	ND	ND	ND	ND	1.6	ND	ND	ND	ND
Chloroform	µg/L	ND	ND	ND	ND	ND	ND	ND	0.17	0.17	0.19
cis-1,2-Dichloroethene	µg/L	0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	µg/L	0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	µg/L	0.68	0.21	ND	ND	0.40	0.44	ND	0.44	0.29	0.23
Trichloroethene	µg/L	3.2	0.41	ND	1.8	1.1	1.1	0.97	0.99	0.95	0.96
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.025	ND	ND	0.011	0.019	0.016	ND	0.012	0.022	0.021
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 11 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-14
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Jan 2008	Mar 2008	Jun 2008	Aug 2008	Nov 2008	Feb 2009	May 2009	Sep 2009	Nov 2009	Jan 2010
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NS	NS	NS	NS	8.10	8.51	12.80	5.31	3.45	5.02
ORP	NS	NS	NS	NS	NS	304	246	195	146	113	237
pH	units	NS	NS	NS	NS	6.71	7.25	7.26	6.89	7.11	7.11
Specific Conductance	µmho/cm	NS	NS	NS	NS	709	648	541	846	758	620
Temperature	(C°)	NS	NS	NS	NS	20.4	19.1	19.85	19.6	18.8	18.2
Turbidity	NTU	NS	NS	NS	NS	691	<5	<5	<0.1	<0.1	<0.1
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	NS	NS	NS	NS	210	190	170	280	260	180
Bicarbonate	mg/L	NS	NS	NS	NS	250	230	200	350	320	210
Bicarbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	180
Carbon dioxide, dissolved	mg/L	NS	NS	NS	NS	12	7.0	7.0	12	11	14
Carbonate	mg/L	NS	NS	NS	NS	1.2	1.2	1.2	1.2	1.2	1.2
Carbonate Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0
Chemical Oxygen Demand	mg/L	NS	NS	NS	NS	15	15	15	15	15	15
Chloride	mg/L	NS	NS	NS	NS	25	21	14	22	20	19
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.017
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.28
Hardness (as CaCO3)	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	220
Hydroxide	mg/L	NS	NS	NS	NS	0.70	0.70	0.70	0.70	0.70	0.70
Hydroxide Alkalinity	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.0
Nitrate-Nitrogen	mg/L	NS	NS	NS	NS	12	11	9	13	11	9.9
Perchlorate	µg/L	NS	NS	NS	NS	27	26	46	30	30	20
pH	units	NS	NS	NS	NS	7.73	7.87	7.70	7.43	7.58	7.66
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.025
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.060
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	560
Sulfate	mg/L	NS	NS	NS	NS	53	47	40	53	54	43
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.020
Total Dissolved Solids	mg/L	NS	NS	NS	NS	420	370	320	470	430	400
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.50
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.030
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.7
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.0
METALS (mg/L): NA											
Arsenic	µg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.00090
Barium	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	36
Boron	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.076
Cadmium	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.00010
Calcium	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	71
Chromium	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	1.1
Cobalt	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.31
Copper	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.00050
Iron	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.015
Magnesium	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	13
Manganese	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.0070
Mercury	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.00010
Molybdenum	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.0027
Nickel	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.00052
Potassium	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	2.9
Selenium	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.00056
Sodium	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	28
Vanadium	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.00080
Zinc	µg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	0.0050
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NS	NS	NS	NS	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	NS	NS	NS	NS	0.42	0.42	0.42	0.42	0.42	0.42
2-Butanone (MEK)	µg/L	NS	NS	NS	NS	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	NS	NS	NS	NS	4.5	4.5	4.5	4.5	4.5	4.5
Chloroform	µg/L	NS	NS	NS	NS	0.33	0.33	0.33	0.33	0.33	0.33
cis-1,2-Dichloroethene	µg/L	NS	NS	NS	NS	0.32	0.32	0.32	0.32	0.32	0.32
Methylene Chloride	µg/L	NS	NS	NS	NS	0.95	0.95	0.95	0.95	0.95	0.95
Tetrachloroethene	µg/L	NS	NS	NS	NS	0.32	0.32	0.32	0.38	0.42	0.32
Trichloroethene	µg/L	NS	NS	NS	NS	1.7	1.0	6.3	2.1	2.2	0.69
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	NS	NS	NS	NS	0.042	0.018	0.13	0.031	0.035	0.012
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND											

**TABLE 11 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-14
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	May 2010	Sept 2010	Nov 2010	Feb 2011	May 2011	Sept 2011	Nov 2011	Feb 2012	May 2012	Aug 2012
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	9.88	7.08	6.38	6.52	5.61	9.62	5.94	4.09	6.38	5.09
ORP	MV	114	262	203	160	158	164	159	202	255	309
pH	units	7.10	6.47	6.81	6.83	7.06	6.98	6.96	7.04	6.66	6.16
Specific Conductance	µmho/cm	586	621	608	640	900	643	719	671	889	957
Temperature	(C°)	19.1	20.22	19.41	17.74	18.79	19.09	18.05	18.12	20.04	19.83
Turbidity	NTU	<0.1	<5	<5	<5	<5	<5	<5	<5	<5	<5
GENERAL CHEMISTRY											
Alkalinity as CaCO ₃	mg/L	170	210	210	210	320	240	250	220	320	360
Bicarbonate	mg/L	200	250	250	260	390	290	300	NA	NA	NA
Bicarbonate Alkalinity	mg/L	170	NA	NA	NA	NA	NA	NA	220	320	360
Carbon dioxide, dissolved	mg/L	5.3	11	7.0	8.8	28.0	18.0	21	21	28	49
Carbonate	mg/L	1.2	1.2	1.2	1.2	1.2	1.2	1.2	NA	NA	NA
Carbonate Alkalinity	mg/L	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chemical Oxygen Demand	mg/L	16	16	16	16	16	16	16	16	16	16
Chloride	mg/L	21	18	19	18	26	20	22	28	24	28
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	0.51	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO ₃)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	0.70	0.70	0.70	0.70	0.70	0.70	0.70	NA	NA	NA
Hydroxide Alkalinity	mg/L	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrate-Nitrogen	mg/L	11	9.7	10	15	12	6.9	8.0	13	12	15
Perchlorate	µg/L	20	28	26	34	24	13	16	16	26	35
pH	units	7.56	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO ₄)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	48	48	44	50	52	39	42	45	46	67
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	370	400	370	450	530	390	430	380	570	690
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	5.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Acetone	µg/L	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Chloroform	µg/L	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
cis-1,2-Dichloroethene	µg/L	0.32	0.32	0.32	0.32	0.71	0.32	0.32	0.32	0.32	0.32
Methylene Chloride	µg/L	0.95	0.95	1.2	0.95	0.95	0.95	0.95	0.95	0.95	1.3
Tetrachloroethene	µg/L	0.34	0.50	0.53	0.69	1.2	0.58	0.37	0.32	0.42	0.39
Trichloroethene	µg/L	0.71	2.8	2.6	1.2	1.8	0.97	1.0	0.39	1.2	1.4
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.0036	0.051	0.045	0.0088	0.014	0.018	0.024	0.0044	0.020	0.023
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 11 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-14
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	Nov 2012	Jan 2013	Apr 2013	Sep 2013	Nov 2013	Feb 2014	May 2014	Aug 2014	Nov 2014	Feb 2015
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	5.88	4.12	4.83	5.05	6.97	5.39	13.86	11.82	5.88	8.17
ORP		226	284	142	207	325	172	239	305	281	204
pH	units	6.86	7.40	6.62	6.67	7.66	7.44	7.62	7.31	7.25	7.16
Specific Conductance	µmho/cm	668	647	804	682	769	711	577	571	514	2170
Temperature	(C°)	19.04	18.15	18.71	18.04	18.99	18.21	20.06	19.73	17.93	18.74
Turbidity	NTU	0.9	0.0	<5	0.0	1.6	0.4	1.1	0.0	2.7	0.5
GENERAL CHEMISTRY											
Alkalinity as CaCO3	mg/L	200	210	230	280	290	240	220	220	200	210
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bicarbonate Alkalinity	mg/L	200	210	230	280	290	240	220	220	200	210
Carbon dioxide, dissolved	mg/L	11	18	18	16	14	21	19	NA	18	21
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbonate Alkalinity	mg/L	0.00	0.00	0.00	4.0	0.00	0.00	4.0	0.00	0.00	4.0
Chemical Oxygen Demand	mg/L	16	16	16	10	17	10	10	10	22	10
Chloride	mg/L	35	44	36	21	32	31	21	20	20	24
Cyanide, total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoride	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hardness (as CaCO3)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroxide Alkalinity	mg/L	0.00	0.00	0.00	4.0	0.00	0.00	4.0	0.00	0.00	4.0
Nitrate-Nitrogen	mg/L	6.6	15	19	13	24	23	12	12	11	16
Perchlorate	µg/L	9.4	18	32	28	39	31	23	22	12	15
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenols	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate (PO4)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphorus	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	mg/L	38	52	57	57	66	67	55	54	46	48
Sulfide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Dissolved Solids	mg/L	370	450	490	490	560	520	440	410	410	430
Total Organic Carbon (TOC)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ANIONS and CATIONS											
Anions, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cations, total	meq/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (mg/L):											
Arsenic	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DISSOLVED METALS: NA											
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):											
1,1-Dichloroethene	µg/L	0.42	0.42	0.42	0.25	0.25	0.25	0.25	0.25	0.25	0.25
2-Butanone (MEK)	µg/L	4.7	4.7	4.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Acetone	µg/L	4.5	4.5	4.5	2.5	4.5	4.5	4.5	4.5	4.5	4.5
Chloroform	µg/L	0.33	0.87 ⁽⁴⁾	0.73 ⁽⁴⁾	0.25	0.29	0.25	0.27	0.25	0.27	0.30
cis-1,2-Dichloroethene	µg/L	0.32	0.32	0.32	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Methylene Chloride	µg/L	0.95	0.95	0.95	0.83 ⁽⁴⁾	0.88	1.6 ⁽⁴⁾	0.88	0.88	0.88	0.88
Tetrachloroethene	µg/L	0.32	0.32	0.32	0.25	0.25	0.25	0.25	0.25	0.45	0.55
Trichloroethene	µg/L	0.39	0.32	0.32	0.98	0.26	0.25	1.2	1.3	1.3	0.33
EDB AND DCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.0029	0.0028	0.0029	0.028	0.0072	0.0053	0.030	0.030	0.022	0.0050
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): NA											

TABLE 11 (CONT'D)
HISTORICAL SUMMARY DATA - MONITORING WELL B-14
CALIFORNIA STREET LANDFILL

ANALYTE	UNITS	May 2015	Aug 2015	Nov 2015	Feb 2016	May 2016	Sep 2016	Nov 2016	Feb 2017	May 2017	MED.	AVG.	STD. DEV.	MIN.	MAX.	CURRENT MODE
FIELD PARAMETERS																
Dissolved Oxygen	mg/L	9.15	6.08	7.03	8.21	6.15	7.48	6.46	8.12	5.71	6.4	7.03	2.38	3.45	13.86	Detection
ORP	MV	154	143	198	145	226	89	167	299	287	203	209	64	89	325	Detection
pH	units	6.61	6.96	7.48	8.11	7.71	7.32	7.85	7.67	8.31	7.11	7.15	0.46	6.16	8.31	Tracking
Specific Conductance	µmho/cm	2040	698	452	610	658	603	661	732	800	668	764	353	452	2170	Detection
Temperature	(C°)	19.58	19.62	19.07	18.91	18.89	19.68	21.81	18.61	18.01	19.0	19.09	0.87	17.7	21.81	Detection
Turbidity	NTU	0.6	3.5	0.2	0.8	6.6	5.9	2.8	2.0	8.1	1.1	38	158.06	0	691	Detection
GENERAL CHEMISTRY																
Alkalinity as CaCO3	mg/L	220	210	210	230	220	210	210	210	190	220	245	52	170	380	Detection
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	300	308	70	200	470	Detection
Bicarbonate Alkalinity	mg/L	220	210	210	230	220	260	250	260	240	220	235	43.14	170	360	Detection
Carbon dioxide, dissolved	mg/L	16	19	18	18	21	13	4.54	17.6	1.24	18	19.11	11.79	1.24	55	Detection
Carbonate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Carbonate Alkalinity	mg/L	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	0.56	0	0.0	0.00	0	0	Detection
Chemical Oxygen Demand	mg/L	16	10	14	10	10	5.0	5.0	1.1	11	12.5	11.71	6.29	1.1	22	Detection
Chloride	mg/L	21	22	21	20	20	16	19	19	19	21	23.5	7.25	14	51	Detection
Cyanide, total	mg/L	NA	0.013	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Fluoride	mg/L	NA	0.46	NA	NA	NA	NA	NA	NA	NA	0.43	0.41	0.10	0.28	0.51	Detection
Hardness (as CaCO3)	mg/L	NA	290	NA	NA	NA	NA	NA	NA	NA	230	247	37.86	220	290	Detection
Hydroxide	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Hydroxide Alkalinity	mg/L	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	0.56	0	0.0	0.00	0	0	Detection
Nitrate-Nitrogen	mg/L	11	13	12	12	13	11	12	11	10	12	12	3.10	6.6	24	Tracking
Perchlorate	µg/L	15	20	18	20	19	25	23	28	27	26	25	7.74	9.4	46	Detection
pH	units	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.4	7.5	0.20	7.2	8.0	Detection
Phenols	mg/L	NA	0.005	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Phosphate (PO4)	mg/L	NA	0.11	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Phosphorus	mg/L	NA	0.036	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Specific Conductance	µmhos/c	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Sulfate	mg/L	44	49	44	49	56	40	48	48	49	49	50.11	6.96	38	72	Tracking
Sulfide	mg/L	NA	0.020	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Total Dissolved Solids	mg/L	390	400	410	420	470	400	360	370	380	430	455	77.79	320	690	Tracking
Total Organic Carbon (TOC)	mg/L	NA	0.65	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Total Organic Halides (TOX)	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
ANIONS and CATIONS																
Anions, total	meq/L	NA	6.8	NA	NA	NA	NA	NA	NA	NA	6.145	6.2	0.53	5.7	6.8	Detection
Cations, total	meq/L	NA	7.1	NA	NA	NA	NA	NA	NA	NA	6.7	6.6	0.56	6.0	7.1	Detection
METALS (mg/L):																
Arsenic	µg/L	NA	0.0005	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Barium	mg/L	NA	0.041	NA	NA	NA	NA	NA	NA	NA	30	22.01367	19.26	0.041	36	Detection
Boron	mg/L	NA	0.048	NA	NA	NA	NA	NA	NA	NA	0.08	50.04	86.57	0.048	150	Detection
Cadmium	mg/L	NA	0.00025	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Calcium	mg/L	NA	94	NA	NA	NA	NA	NA	NA	NA	71	78.333	13.58	70	94	Detection
Chromium	mg/L	NA	0.0019	NA	NA	NA	NA	NA	NA	NA	1.1	2.834	3.99	0.0019	7.4	Detection
Cobalt	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Copper	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Iron	mg/L	NA	0.045	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Magnesium	mg/L	NA	16	NA	NA	NA	NA	NA	NA	NA	13	13.67	2.08	12	16	Detection
Manganese	mg/L	NA	0.010	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Mercury	mg/L	NA	0.00010	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Molybdenum	mg/L	NA	0.0033	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Nickel	mg/L	NA	0.0005	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Potassium	mg/L	NA	3.5	NA	NA	NA	NA	NA	NA	NA	3.5	3.43	0.50	2.9	3.9	Detection
Selenium	mg/L	NA	0.00053	NA	NA	NA	NA	NA	NA	NA	0.00	0.22	0.38	0.00053	0.66	Detection
Sodium	mg/L	NA	23	NA	NA	NA	NA	NA	NA	NA	28	33	13.23	23	48	Detection
Vanadium	mg/L	NA	0.0022	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Zinc	µg/L	NA	0.00025	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
DISSOLVED METALS:																
Dissolved Calcium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Copper	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Hardness	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Iron	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Lead	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Magnesium	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Manganese	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
Dissolved Zinc	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC	Detection
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):																
1,1-Dichloroethene	µg/L	0.25	0.25	0.25	0.25	0.25	1.0	1.0	0.34	0.34	NC	NC	NC	NC	NC	Detection
2-Butanone (MEK)	µg/L	2.5	2.5	2.5	2.5	2.5	5.0	5.0	0.47	0.47	NC	NC	NC	NC	NC	Detection
Acetone	µg/L	4.5	4.5	10	10	10	5.0	5.0	0.79	0.79	NC	NC	NC	NC	NC	Detection
Chloroform	µg/L	0.32	0.25	0.25	0.25	0.27	1.0	1.0	0.31	0.31	0.27	0.24	0.06	0.17	0.32	Detection
cis-1,2-Dichloroethene	µg/L	0.25	0.25	0.25	0.25	0.25	1.0	1.0	0.36	0.36	NC	NC	NC	NC	NC	Detection
Methylene Chloride	µg/L	0.88	0.88	0.88	0.88	0.88	1.0	1.0	0.34	0.34	0.845	0.800	0.53	0.21	1.3	Detection
Tetrachloroethene	µg/L	0.59	0.70	0.47	0.48	0.54	1.0	1.0	0.50	0.50	0.44	0.48	0.20	0.21	1.2	Detection
Trichloroethene	µg/L	1.0	1.2	1.8	1.8	2.0	3.2	3.8	2.9	2.9	1.55	1.83	1.18	0.26	6.3	Tracking
EDB AND DCP (EPA 504.1):																
1,2-Dibromo-3-chloropropane	µg/L	0.023	0.035	0.047	0.044	0.055	0.054	0.060	0.050	0.048	0.03	0.03	0.02	0.0036	0.13	Tracking
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C): ND																

**TABLE 12
WATER QUALITY COMPARISON - WEST SIDE WELLS
CALIFORNIA STREET LANDFILL**

ANALYTE	COMPLIANCE		BACKGROUND				ARARs	WDR LIMITS
	B-4R 05/18/17	MEDIAN VALUE	B-11 05/18/17	B-12 05/18/17	B-13R 05/18/17	B-14 05/18/17		
FIELD PARAMETERS								
Oxygen, Dissolved	4.31	4.23	2.26	5.44	NS	5.71	NV	NV
ORP (MV)	233	165	114	97	NS	287	NV	NV
pH (units)	8.11	7.08	7.96	8.29	NS	8.31	6.5 - 8.5 (3)	7.49-8.84
Specific Conductance (µmhos/cm)	818	649	1230	966	NS	800	900 (2)	NV
Temperature (C°)	22.19	22.39	21.61	21.49	NS	18.01	NV	NV
Turbidity (NTU)	0.0	0.1	45.2	51.4	NS	8.1	1 (1,3)	NV
GENERAL CHEMISTRY (mg/L):								
Alkalinity (as CaCO ₃)	190	200	220	190	NS	190	NV	NV
Bicarbonate Alkalinity	230	210	270	240	NS	240	NV	NV
Carbon dioxide, dissolved	1.24	12	2.07	1.24	NS	1.24	NV	NV
Chemical Oxygen Demand	6.1	16	3.4	1.4	NS	11	NV	NV
Chloride	39	41	99	24	NS	19	250(2)	93.9
Nitrate (as N)	9.8	7.8	9.1	15	NS	10	10 (1,3)	20.4
Perchlorate (µg/L)	7.0	3.4	0.95	29	NS	27	6 (1)	NV
Sulfate	42	39	50	63	NS	49	250(2,4) 500(3)	86
Total Dissolved Solids (TDS)	400	410	560	450	NS	380	500(2,4)	600
VOLATILE ORGANIC COMPOUNDS (µg/L)								
Bromodichloromethane	0.32	NC	0.55	0.32	NS	0.32	80 (1,3)	MDL
Chloroform	0.31	0.36	14	0.31	NS	0.31	80 (1,3)	MDL
Naphthalene	0.20	NC	0.20	0.20	NS	0.20		MDL
Trichloroethene	0.35	NC	0.35	1.5	NS	2.9	5 (1,3)	MDL
EDB and DBCP (µg/L):								
1,2-Dibromo-3-chloropropane	0.0034	NC	0.0034	0.035	NS	0.048	0.2 (1,3)	MDL

TABLE 12 (CONT'D)
WATER QUALITY COMPARISON - EAST SIDE WELLS
CALIFORNIA STREET LANDFILL

ANALYTE	COMPLIANCE		BACKGROUND	ARARs	WDR LIMITS
	B-10C 05/18/17	MEDIAN	B-1C 05/18/17		
FIELD PARAMETERS					
Oxygen, Dissolved	2.18	2.09	5.54	NV	NV
ORP (MV)	249	171	93	NV	NV
pH (units)	7.32	6.62	7.66	6.5 - 8.5 (3)	7.49-8.84
Specific Conductance (µmhos/cm)	1440	696	1070	900 (2)	NV
Temperature (C°)	21.09	22.13	21.61	NV	NV
Turbidity (NTU)	0.9	4.9	43.9	1 (1,3)	NV
GENERAL CHEMISTRY (mg/L):					
Alkalinity (as CaCO ₃)	200	200	130	NV	NV
Bicarbonate Alkalinity	240	170	160	NV	NV
Carbon dioxide, dissolved	5.80	25	0.828	NV	NV
Chemical Oxygen Demand	11	15	8.0	NV	NV
Chloride	140	76.0	100	250(2)	93.9
Nitrate (as N)	10	7.8	9.6	10 (1,3)	20.4
Perchlorate (µg/L)	0.95	2.6	0.95	6 (1)	NV
Sulfate	55	45	41	250(2,4) 500(3)	86
Total Dissolved Solids (TDS)	600	480	440	500(2,4)	600
VOLATILE ORGANIC COMPOUNDS (µg/L)					
Bromodichloromethane	1.2	1.200	2.0	80 (1,3)	MDL
Chloroform	8.9	1.20	19	80 (1,3)	MDL
Naphthalene	0.81⁽⁴⁾	NC	0.20		MDL
Trichloroethene	0.35	NC	0.35	5 (1,3)	MDL
EDB and BCP (µg/L):					
1,2-Dibromo-3-chloropropane	0.0034	NC	0.0034	0.2 (1,3)	MDL

TABLE 13
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - SOIL-PORE GAS PROBE P-4A
TOTAL DEPTH: 170 ft.
CALIFORNIA STREET LANDFILL

ANALYTE	UNIT	Aug 2008	Nov 2008	Feb 2009	May 2009	Sep 2009	Nov 2009	Jan 2010
FIELD PARAMETERS								
Carbon Dioxide, CO ₂	V%	NA	NA	2.9	2.7	2.5	2.5	0.1
Methane, CH ₄	V%	NA	NA	0.001	0.001	0.001	0.001	0.001
Nitrogen, N ₂	V%	NA	NA	80.4	80.2	79.9	79.6	80.1
Oxygen, O ₂	V%	NA	NA	16.5	17.1	17.5	17.9	19.8
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	0.21	0.16	81	0.089	0.31	0.30	1.0
1,1-Dichloroethane	ppb (V/V)	0.21	0.21	11	0.094	0.11	0.80	1.0
1,1-Dichloroethene	ppb (V/V)	0.23	0.23	45	0.12	0.14	0.14	1.0
1,2,4-Trimethylbenzene	ppb (V/V)	NA	NA					
1,2-Dibromoethane	ppb (V/V)	0.18	0.18	0.10	0.15	0.076	0.076	1.0
1,2-Dichloroethane	ppb (V/V)	0.19	0.19	0.48	0.066	0.10	0.10	1.5
1,4-Dichlorobenzene	ppb (V/V)	NA	0.15	0.066	0.057	0.17	0.057	1.0
Benzene	ppb (V/V)	0.17	0.45	2.6	0.057	1.4	0.45	2.2
Benzyl chloride	ppb (V/V)	0.25	0.25	0.047	0.044	0.19	0.19	2.0
Carbon Tetrachloride	ppb (V/V)	NA	NA	0.10	0.11	0.086	0.086	1.0
Chlorobenzene	ppb (V/V)	0.29	0.29	0.069	0.044	0.062	0.062	0.50
Chloroform	ppb (V/V)	7.44	0.97	0.32	3.7	0.88	0.94	1.0
Dichlorobenzenes (Total)	ppb (V/V)	0.38	0.38	NA	NA	NA	NA	NA
Hydrogen sulfide	ppb (V/V)	5.0	0.20	0.25	NA	0.10	0.20	NA
Methylene Chloride	ppb (V/V)	0.18	1.7	2.0	0.19	0.35	0.19	1.7
o-Xylene	ppb (V/V)	NA	0.60	2.1	1.6	0.98	0.74	1.0
p + m-Xylene	ppb (V/V)	NA	0.91	4.4	4.4	2.1	1.5	3.6
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	7.24	3.3	4.6	73	11	4.7	1.0
Tetrachloromethane	ppb (V/V)	0.19	0.19	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	1.29	1.9	7.0	4.0	4.3	3.6	56
Trichloroethene	ppb (V/V)	0.21	0.21	8.7	18	0.21	0.14	1.0
Vinyl Chloride	ppb (V/V)	0.17	0.17	0.12	0.21	0.22	1.5	2.0
Xylenes (total)	ppb (V/V)	1.34	1.51	6.50	6.00	3.08	NA	3.6

TABLE 13 (CONT'D)
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - SOIL-PORE GAS PROBE P-4A
TOTAL DEPTH: 170 ft.
CALIFORNIA STREET LANDFILL

ANALYTE	UNIT	May 2010	Sep 2010	Nov 2010	Feb 2011	May 2011	Sept 2011	Nov 2011
FIELD PARAMETERS								
Carbon Dioxide, CO ₂	V%	2.3	NA	NA	5.5	6.6	4.7	2.7
Methane, CH ₄	V%	0.001	NA	NA	0.001	0.001	0.001	0.001
Nitrogen, N ₂	V%	79.8	NA	NA	84.4	84.9	81.1	79.9
Oxygen, O ₂	V%	17.9	NA	NA	10.1	8.6	14.9	18.1
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	1.0	1.0	1.0	1.0	1.0	2.0	2.0
1,1-Dichloroethane	ppb (V/V)	1.0	1.0	1.0	1.0	1.0	2.0	2.0
1,1-Dichloroethene	ppb (V/V)	1.0	1.0	1.0	1.0	1.0	2.0	2.0
1,2,4-Trimethylbenzene	ppb (V/V)							
1,2-Dibromoethane	ppb (V/V)	1.0	1.0	1.0	1.0	1.0	2.0	2.0
1,2-Dichloroethane	ppb (V/V)	1.5	1.5	1.5	1.5	4.1	2.0	2.0
1,4-Dichlorobenzene	ppb (V/V)	1.0	1.0	1.0	1.0	1.0	2.0	2.0
Benzene	ppb (V/V)	5.9	1.5	1.5	1.7	3.7	3.6	2.0
Benzyl chloride	ppb (V/V)	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Carbon Tetrachloride	ppb (V/V)	1.0	1.0	1.0	1.0	10.0	4.0	4.0
Chlorobenzene	ppb (V/V)	0.50	0.50	0.50	0.50	0.50	2.0	2.0
Chloroform	ppb (V/V)	1.4	1.0	1.0	1.5	9.4	2.0	2.0
Dichlorobenzenes (Total)	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Hydrogen sulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	1.0	1.5	16 ⁽⁴⁾	5.7	3.0	2.0	2.1
o-Xylene	ppb (V/V)	1.0	1.0	1.0	1.0	1.0	2.0	2.0
p + m-Xylene	ppb (V/V)	2.0	2.0	2.0	2.0	2.7	2.1	2.0
Styrene	ppb (V/V)	NA	NA	2.0	2.0	2.0	2.0	2.1
Tetrachloroethene	ppb (V/V)	1.9	6.9	1.0	2.6	11.0	2.0	2.7
Tetrachloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	2.8	62	1.0	1.0	6.6	28.0	11.0
Trichloroethene	ppb (V/V)	1.0	1.0	1.0	1.0	1.0	2.0	2.0
Vinyl Chloride	ppb (V/V)	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Xylenes (total)	ppb (V/V)	1.0	1.0	1.0	1.0	2.7	2.1	2.0

TABLE 13 (CONT'D)
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - SOIL-PORE GAS PROBE P-4A
TOTAL DEPTH: 170 ft.
CALIFORNIA STREET LANDFILL

ANALYTE	UNIT	Feb 2012	May 2012	Aug 2012	Nov 2012	Jan 2013	Apr 2013	Sept 2013
FIELD PARAMETERS								
Carbon Dioxide, CO ₂	V%	0.8	1.0	0.3	1.0	0.0	0.6	1.1
Methane, CH ₄	V%	0.001	0.001	0.001	0.000	0.000	0.000	0.000
Nitrogen, N ₂	V%	79.8	79.8	80.1	79.9	80.3	79.9	80.4
Oxygen, O ₂	V%	19.4	19.3	19.6	19.1	19.7	19.5	18.5
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	2.7	2.0	2.0	2.0	2.0	2.0	0.098
1,1-Dichloroethane	ppb (V/V)	2.7	2.0	2.0	2.0	0.2	0.2	0.2
1,1-Dichloroethene	ppb (V/V)	2.7	2.0	2.0	2.0	0.2	0.2	0.2
1,2,4-Trimethylbenzene	ppb (V/V)	2.7	2.0	2.0	2.0	2.0	2.0	2.0
1,2-Dibromoethane	ppb (V/V)	2.7	2.0	2.0	2.0	0.2	0.2	0.2
1,2-Dichloroethane	ppb (V/V)	2.7	2.0	2.0	2.0	0.2	0.2	0.2
1,4-Dichlorobenzene	ppb (V/V)	2.7	2.0	2.0	2.0	0.2	0.2	0.2
Benzene	ppb (V/V)	2.7	2.2	4.4	8.8	1.1	5.4	10
Benzyl chloride	ppb (V/V)	5.4	4.0	4.0	4.0	0.2	0.2	0.2
Carbon Tetrachloride	ppb (V/V)	5.4	4.0	4.0	4.0	0.2	0.2	0.2
Chlorobenzene	ppb (V/V)	2.7	2.0	2.0	2.0	0.1	0.1	0.14
Chloroform	ppb (V/V)	2.7	2.0	2.0	2.0	0.1	0.1	0.37
Dichlorobenzenes (Total)	ppb (V/V)	2.7	2.0	2.0	2.0	0.2	0.2	0.2
Hydrogen sulfide	ppb (V/V)	2.7	2.0	2.0	2.0	NA	NA	NA
Methylene Chloride	ppb (V/V)	2.7	2.0	2.3	2.8	0.53	4.2	2.8
o-Xylene	ppb (V/V)	2.7	2.0	3.4	5.6	0.37	1.0	1.9
p + m-Xylene	ppb (V/V)	3.5	2.0	6.1	10	0.75	2.0	3.9
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	2.7	2.0	2.0	2.0	0.44	2.8	2.2
Tetrachloromethane	ppb (V/V)	2.7	2.0	2.0	2.0	NA	NA	NA
Toluene	ppb (V/V)	49.0	3.1	47	6.0	22	7.0	8.7
Trichloroethene	ppb (V/V)	2.7	2.0	2.0	2.0	0.23	1.3	0.11
Vinyl Chloride	ppb (V/V)	2.7	2.0	2.0	2.0	0.2	0.2	0.2
Xylenes (total)	ppb (V/V)	3.5	2.0	9.5	16	1.1	1.0	5.7

TABLE 13 (CONT'D)
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - SOIL-PORE GAS PROBE P-4A
TOTAL DEPTH: 170 ft.
CALIFORNIA STREET LANDFILL

ANALYTE	UNIT	Nov 2013	Feb 2014	Jun 2014	Aug 2014	Nov 2014	Feb 2015	May 2015
FIELD PARAMETERS								
Carbon Dioxide, CO ₂	V%	0.8	0.4	0.7	2.0	1.4	1.3	1.0
Methane, CH ₄	V%	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nitrogen, N ₂	V%	80.2	80.0	80.4	81.5	81.9	82.1	81.9
Oxygen, O ₂	V%	19.0	19.5	18.9	16.5	16.7	16.6	17.1
VOLATILE ORGANIC COMPOUNDS BY TO-14								
1,1,1-Trichloroethane	ppb (V/V)	16	0.065	0.065	0.21	0.12	0.14	0.065
1,1-Dichloroethane	ppb (V/V)	3	0.072	0.072	0.072	0.072	0.072	0.072
1,1-Dichloroethene	ppb (V/V)	40	0.13	0.13	0.13	0.13	0.13	0.13
1,2,4-Trimethylbenzene	ppb (V/V)	2.0	2.0	2.0	2.0	2.0	2.0	2.0
1,2-Dibromoethane	ppb (V/V)	0.2	0.075	0.075	0.075	0.075	0.075	0.075
1,2-Dichloroethane	ppb (V/V)	0.55	1.9	0.80	0.80	0.80	0.80	0.13
1,4-Dichlorobenzene	ppb (V/V)	0.2	0.15	0.15	0.20	0.58	0.15	0.15
Benzene	ppb (V/V)	3.7	1.7	1.5	12	2.0	4.8	0.27
Benzyl chloride	ppb (V/V)	0.2	0.16	0.16	0.16	0.16	0.16	0.16
Carbon Tetrachloride	ppb (V/V)	0.2	0.064	0.072	0.11	0.064	0.12	0.095
Chlorobenzene	ppb (V/V)	0.074	0.064	0.064	0.064	0.064	0.064	0.064
Chloroform	ppb (V/V)	0.48	0.18	0.16	0.64	0.55	1.3	0.095
Dichlorobenzenes (Total)	ppb (V/V)	0.2	NA	NA	NA	NA	NA	NA
Hydrogen sulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	ppb (V/V)	1.2	0.83	0.46	0.17	0.072	0.28	0.27
o-Xylene	ppb (V/V)	0.063	0.054	0.31	0.054	0.054	1.5	0.58
p + m-Xylene	ppb (V/V)	6.8	1.9	0.67	1.5	1.3	2.6	1.7
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ppb (V/V)	1.0	0.72	0.44	2.6	1.6	1.3	0.085
Tetrachloromethane	ppb (V/V)	NA	NA	NA	NA	NA	NA	NA
Toluene	ppb (V/V)	5.1	2.9	1.2	1.7	0.83	2.3	23
Trichloroethene	ppb (V/V)	0.16	0.11	0.11	0.88	0.21	0.40	0.11
Vinyl Chloride	ppb (V/V)	4.5	0.12	0.12	0.12	0.12	0.12	0.12
Xylenes (total)	ppb (V/V)	6.8	1.9	0.98	1.5	1.3	4.1	2.3

TABLE 13 (CONT'D)
SOIL-PORE GAS RESULTS
HISTORICAL SUMMARY DATA - SOIL-PORE GAS PROBE P-4A
TOTAL DEPTH: 170 ft.
CALIFORNIA STREET LANDFILL

ANALYTE	UNIT	Aug 2015	Nov 2015	Feb 2016	May 2016	Sep 2016	Nov 2016	Feb 2017	May 2017	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS														
Carbon Dioxide, CO ₂	V%	1.1	2.0	1.6	1.4	1.5	1.9	2.7	3.0	1.5	1.88	1.50	0.00	6.6
Methane, CH ₄	V%	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	NC	NC	NC	NC	NC
Nitrogen, N ₂	V%	82.3	82.3	82.7	83.1	80.2	83.5	78.2	80.6	80	81	1.52	78.2	84.9
Oxygen, O ₂	V%	16.6	15.7	15.7	15.5	18.3	14.6	19.0	16.4	17.7	17.18	2.56	8.6	19.8
VOLATILE ORGANIC COMPOUNDS BY TO-14														
1,1,1-Trichloroethane	ppb (V/V)	0.065	0.18	0.065	0.065	0.065	1.7	1.0	1.0	0.20	9.85	25.49	0.10	81
1,1-Dichloroethane	ppb (V/V)	0.072	0.13	0.072	0.072	0.072	1.7	1.0	1.0	2	4	5	0.13	11
1,1-Dichloroethene	ppb (V/V)	0.13	0.13	0.13	0.13	0.13	1.7	1.0	1.0	NC	NC	NC	NC	NC
1,2,4-Trimethylbenzene	ppb (V/V)	2.0	2.0	2.0	2.0	2.0	1.7	2.2	7.7	NC	NC	NC	NC	7.7
1,2-Dibromoethane	ppb (V/V)	0.075	0.075	0.075	0.075	0.075	1.7	1.0	1.0	NC	NC	NC	NC	NC
1,2-Dichloroethane	ppb (V/V)	0.13	0.088	0.088	0.088	0.088	1.7	1.0	1.0	1.2	1.8	1.7	0.48	4.1
1,4-Dichlorobenzene	ppb (V/V)	0.15	0.15	0.15	0.15	0.15	1.7	1.0	1.0	0.2	0.3	0.2	0.15	0.58
Benzene	ppb (V/V)	6.7	0.15	0.21	0.10	0.079	1.7	1.0	6.4	2.2	3.46	3.18	0.1	12
Benzyl chloride	ppb (V/V)	0.16	0.16	0.16	0.16	0.16	1.7	1.4	NA	NC	NC	NC	NC	NC
Carbon Tetrachloride	ppb (V/V)	0.13	0.064	0.072	0.064	0.064	1.7	1.0	1.0	0	2	4	0.072	10
Chlorobenzene	ppb (V/V)	0.064	0.064	0.064	0.064	0.064	1.7	1.0	1.0	NC	NC	NC	NC	NC
Chloroform	ppb (V/V)	0.23	0.48	0.095	0.21	0.075	1.7	1.0	1.0	0.64	1.64	2.54	0.16	9.4
Dichlorobenzenes (Total)	ppb (V/V)	NA	NA	NA	NA	NA	1.7	1.0	1.0	NC	NC	NC	NC	NC
Hydrogen sulfide	ppb (V/V)	NA	NA	NA	NA	NA	NA	1.0	1.0	NC	NC	NC	NC	NC
Methylene Chloride	ppb (V/V)	0.15	0.20	0.20	0.24	0.072	2.2	1.0	1.0	1.4	1.54	1.44	0.15	5.7
o-Xylene	ppb (V/V)	1.7	0.34	0.21	0.26	0.054	1.7	1.0	1.0	0.86	1.4	1.43	0.21	5.6
p + m-Xylene	ppb (V/V)	3.6	0.90	0.49	0.70	0.10	1.7	1.0	1.5	2.10	2.78	2.26	0.49	10
Styrene	ppb (V/V)	NA	NA	NA	NA	NA	1.7	19	87	19	36	45	2.1	87
Tetrachloroethene	ppb (V/V)	1.7	6.0	0.051	0.62	2.0	2.2	1.0	1.2	2.2	5.77	13.8	0.085	73
Tetrachloromethane	ppb (V/V)	NA	NA	NA	NA	NA	0.20	1.0	1.0	NC	NC	NC	NC	NC
Toluene	ppb (V/V)	3.8	1.1	1.3	1.2	0.051	1.7	1.0	1.4	4.2	12.52	17.80	0.83	62
Trichloroethene	ppb (V/V)	0.11	0.21	0.11	0.11	0.11	1.7	1.0	1.0	0.22	3.00	5.9	0.14	18
Vinyl Chloride	ppb (V/V)	0.12	0.12	0.12	0.12	0.12	1.7	1.0	1.0	NC	NC	NC	NC	NC
Xylenes (total)	ppb (V/V)	5.3	1.2	0.70	0.96	0.074	1.7	1.0	1.0	2.50	3.74	3.50	0.7	16

**TABLE 14
CALIFORNIA STREET LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE (PHI SUMP)**

Analyte	UNITS	Dec 2005	Dec 2006	Jun 2007	Oct 2008	Jun 2009	Oct 2009	Apr 2010	Oct 2010	Apr 2011	Oct 2011
FIELD PARAMETERS											
Dissolved Oxygen	mg/L	NA	NA	NA	NA	NA	NA	6.59	5.44	5.24	5.9
ORP	MV	NA	NA	NA	NA	NA	NA	202	12	79	102
pH	units	NA	NA	NA	NA	NA	NA	7.39	7.65	7.83	7.34
Specific Conductance	µmho/cm	NA	NA	NA	NA	NA	NA	4350	3370	3880	3200
Temperature	(C°)	NA	NA	NA	NA	NA	NA	26.53	27.22	25.32	29.68
Turbidity	NTU	NA	NA	NA	NA	NA	NA	193.0	77.5	189.0	181.0
GENERAL CHEMISTRY											
Bicarbonate	mg/L	NA	NA	NA	1800	NA	NA	1500	940	NA	880
Bicarbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	1500	1300	1000	1300	770	NA	720
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	NA	2.0	2.0	2.0	2.0	2.0	NA	2.0
Chemical Oxygen Demand	mg/L	NA	NA	NA	340	1900	2800	370	230	NA	240
Chloride	mg/L	NA	NA	NA	730	450	290	720	500	NA	470
Cyanide (total)	mg/L	0.004	NA	NA	0.017	0.017	0.017	0.017	0.017	NA	0.017
Fluoride	mg/L	NA	NA	NA	0.47	1.5	0.75	0.56	0.78	NA	0.53
Hardness, Total	mg/L	NA	NA	NA	1200	1500	1300	1100	580	NA	1500
Hydroxide Alkalinity as CaCO3	mg/L	NA	NA	NA	2.0	2.0	2.0	2.0	2.0	NA	2.0
Nitrate as N	mg/L	NA	NA	NA	3.0	3.0	3.0	3.0	20	0.14	1.9
Nitrate as NO3	mg/L	NA	NA	NA	0.25	0.25	1.2	0.50	87	NA	8.2
pH	units	NA	NA	NA	6.80	7.53	6.67	7.47	8.17	NA	8.0
Phenols	mg/L	NA	NA	NA	0.025	1.7	3.2	0.050	0.025	NA	0.25
Phosphate	mg/L	NA	NA	NA	1.5	2.4	5.1	1.0	0.14	NA	0.62
Phosphorus	mg/L	NA	NA	NA	0.50	0.78	1.7	0.34	0.047	NA	0.20
Specific Conductance	µmhos/cm	NA	NA	NA	4600	3600	2800	4100	3200	NA	2800
Sulfate as SO4	mg/L	NA	NA	NA	9.5	1.1	2.7	1.0	2.6	NA	20
Sulfide	mg/L	0.10	NA	NA	0.040	0.77	0.077	0.13	0.036	NA	0.064
Total Alkalinity as CaCO3	mg/L	NA	NA	NA	1500	1300	1000	1300	770	NA	720
Total Anions	meq/l	NA	NA	NA	50	39	28	45	31	NA	28
Total Cations	meq/l	NA	NA	NA	51	46	37	40	31	NA	44
Total Dissolved Solids	mg/L	NA	NA	NA	2900	3000	2800	2500	1800	NA	1700
Total Organic Carbon	mg/L	NA	NA	NA	180	950	1300	160	72	NA	66
Total Organic Halogens	mg/L	NA	NA	NA	0.71	1.7	1.1	0.95	0.57	NA	0.31
METALS											
Antimony	mg/L	9.6	NA	NA	0.0010	0.0049	0.0051	0.0039	0.00060	NA	0.00085
Arsenic	mg/L	4.8	NA	NA	0.038	0.040	0.075	0.031	0.015	NA	0.038
Barium	mg/L	0.30	NA	NA	1.900	3.100	2.600	1.400	0.740	NA	2.100
Beryllium	mg/L	0.11	NA	NA	0.0010	0.0005	0.0005	0.00010	0.00020	NA	0.00020
Boron	mg/L	NA	NA	NA	3.6	1.7	1.2	2.4	2.3	NA	1.8
Cadmium	mg/L	0.061	NA	NA	0.00055	0.00057	0.00072	0.00018	0.00020	NA	0.00020
Calcium	mg/L	NA	NA	NA	310	480	470	300	62	NA	390
Chromium (total)	mg/L	30	NA	NA	0.0076	0.011	0.031	0.010	0.0041	NA	0.0035
Cobalt	mg/L	0.048	NA	NA	0.0085	0.0079	0.010	0.010	0.0068	NA	0.0073
Copper	mg/L	0.11	NA	NA	0.0048	0.12	0.100	0.067	0.001	NA	0.0048
Iron	mg/L	NA	NA	NA	24	97	170	11	10	NA	21
Lead	mg/L	0.050	NA	NA	0.0015	0.019	0.027	0.038	0.00040	NA	0.00072
Magnesium	mg/L	NA	NA	NA	140	92	62	110	110	NA	92
Manganese	mg/L	NA	NA	NA	4.1	11	7.9	2.0	0.19	NA	9.2
Mercury	mg/L	0.080	NA	NA	0.00010	0.00012	0.00010	0.00010	0.00010	NA	0.00010
Molybdenum	mg/L	NA	NA	NA	0.0018	0.0022	0.0012	0.0016	0.0018	NA	0.0014
Nickel	mg/L	0.16	NA	NA	0.062	0.061	0.088	0.066	0.028	NA	0.011
Potassium	mg/L	NA	NA	NA	79	55	31	59	81	NA	67
Selenium	mg/L	1.3	NA	NA	0.0068	0.0011	0.0038	0.0050	0.0023	NA	0.0053
Silver	mg/L	0.077	NA	NA	0.0015	0.0005	0.0005	0.00010	0.00020	NA	0.00020
Sodium	mg/L	NA	NA	NA	490	290	180	350	380	NA	340
Thallium	mg/L	0.12	NA	NA	0.0010	0.0010	0.0010	0.00020	0.00040	NA	0.00092
Tin	mg/L	3.4	NA	NA	0.020	0.012	NA	0.016	0.012	NA	0.010
Vanadium	mg/L	10	NA	NA	0.037	0.021	0.032	0.021	0.010	NA	0.009
Zinc	mg/L	0.61	NA	NA	0.048	1.000	1.600	0.380	0.0061	NA	0.044

**TABLE 14 (CONT'D)
CALIFORNIA STREET LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE (PHI SUMP)**

Analyte	UNITS	Dec 2005	Dec 2006	Jun 2007	Oct 2008	Jun 2009	Oct 2009	Apr 2010	Oct 2010	Apr 2011	Oct 2011
VOLATILE ORGANIC COMPOUNDS (EPA 8260B)											
1,1-Dichloroethane	µg/L	3.9	3.8	0.036	2.6	0.40	0.40	0.40	0.40	0.40	0.40
1,1-Dichloroethene	µg/L	4.7	0.18	0.023	0.42	0.42	0.42	0.42	0.42	0.42	0.42
1,2-Dichlorobenzene	µg/L	11	0.031	0.031	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	µg/L	8.2	1.2	0.031	4.2	2.2	0.28	0.28	4.5	0.94	0.97
1,2-Dichloropropane	µg/L	7.5	0.13	0.037	0.77	0.35	0.35	0.35	0.35	0.35	0.35
1,4-Dichlorobenzene	µg/L	60	0.090	0.019	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	µg/L	600	NA	NA	8.4	19000	36000	4.7	4.7	36	4.7
2-Hexanone	µg/L	48	NA	NA	NA	20	2.6	2.6	2.6	2.6	2.6
4-Methyl-2-Pentanone (MIBK)	µg/L	80	NA	NA	3.5	110	3.5	3.5	3.5	3.5	3.5
Acetone	µg/L	440	NA	NA	13	11000	21000	70	12	64	12
Acrylonitrile	µg/L	130	NA	NA	NA	NA	NA	NA	1.7	NA	1.2
Benzene	µg/L	5.7	0.080	0.016	8.7	1.8	0.28	0.28	0.76	0.28	0.39
Chlorobenzene	µg/L	9.7	0.016	0.016	0.36	1.0	0.36	0.36	0.36	0.36	0.36
cis-1,2-Dichloroethene	µg/L	9.7	1.2	0.016	1.6	0.38	0.32	0.32	0.32	0.32	0.32
Ethyl-t-butyl ether (ETBE)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	110	0.070	0.016	5.9	1.2	0.25	0.25	0.37	0.25	0.25
Methylene Chloride	µg/L	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.4	0.95	0.95
Methyl-tert-butyl Ether (MTBE)	µg/L	NA	20	0.16	NA	NA	NA	NA	NA	NA	NA
Naphthalene	µg/L	28	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	µg/L	90	0.080	0.019	3.9	0.87	0.30	0.30	0.30	0.30	0.30
p + m-Xylene	µg/L	170	0.17	0.031	4.0	1.2	0.60	0.60	0.60	0.60	0.60
Styrene	µg/L	22	0.023	0.023	0.20	0.20	0.20	0.20	0.20	0.20	0.20
tert-Butyl alcohol (TBA)	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	µg/L	89	0.022	0.022	4.2	1.2	0.36	0.36	0.36	0.36	0.36
Vinyl Chloride	µg/L	5.2	1.2	0.032	31	0.54	0.40	0.40	0.40	0.40	0.40
Xylenes [total]	µg/L	NA	0.25	0.050	7.9	0.9	0.9	0.9	0.9	0.9	0.9
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C)											
2,4-Dimethylphenol	µg/L	1.7	NA	NA	3.94	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	µg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	µg/L	1.8	NA	NA	0.962	NA	NA	NA	NA	NA	NA
2-Methylphenol	µg/L	NA	NA	NA	3.37	NA	NA	3.73	2.48	NA	0.97
3/4-Methylphenol	µg/L	NA	NA	NA	4.42	295	2400	20.8	2.19	NA	0.95
Acenaphthene	µg/L	2.3	NA	NA	0.962	4.85	120	1.00	0.476	NA	0.476
Acetophenone	µg/L	1.8	NA	NA	1.83	21.9	220	1.90	7.62	NA	7.62
Benzoic acid	µg/L	61	NA	NA	61	61	61	61	61	NA	61
Bis(2-ethylhexyl)phthalate	µg/L	9.9	NA	NA	3.17	16.5	160	24.7	3.14	NA	3.14
Butyl benzyl phthalate	µg/L	1.6	NA	NA	3.17	NA	NA	NA	NA	NA	NA
Di-n-butylphthalate	µg/L	6.7	NA	NA	3.17	16.0	120	3.30	3.05	NA	3.05
Di-n-octylphthalate	µg/L	2.6	NA	NA	3.17	NA	NA	NA	NA	NA	NA
Diethyl phthalate	µg/L	43	NA	NA	3.17	16.0	140	5.45	2.67	NA	2.67
Dimethyl phthalate	µg/L	11	NA	NA	3.17	16.0	97	3.30	2.57	NA	2.57
Isophorone	µg/L	1.9	NA	NA	4.52	NA	NA	NA	NA	NA	NA
N-Nitrosomorpholine	µg/L	NA	NA	NA	NA	129	160	1.20	NA	NA	NA
o-Toluidine	µg/L	1.5	NA	NA	4.42	30.3	97	4.60	7.05	NA	7.05
Phenol	µg/L	730	NA	NA	3.17	162	2800	3.54	1.62	NA	1.62
Pyridine	µg/L	NA	NA	NA	NA	NA	NA	4.68	NA	NA	NA
EDB AND DBCP (EPA 504.1):											
1,2-Dibromo-3-chloropropane	µg/L	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0036	0.0029	0.0029
ORGANOCHLORINE PESTICIDES and PCBs (EPA 8000)											
Endosulfan I	µg/L	0.011	NA	NA	0.029	0.029	0.029	0.029	0.029	NA	0.019
Endrin	µg/L	0.013	0.0069	0.0045	0.029	0.030	0.031	0.029	0.029	NA	0.019
Heptachlor Epoxide	µg/L	0.010	0.0081	0.0028	0.029	0.030	0.031	0.029	0.029	NA	0.029
CHLORINATED HERBICIDES (EPA 8151): ND											

**TABLE 14 (CONT'D)
CALIFORNIA STREET LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE (PHI SUMP)**

Analyte	UNITS	Oct 2012	Apr 2013	Oct 2014	Apr 2015	Oct 2015	May 2016	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS												
Dissolved Oxygen	mg/L	5.84	5.33	6.27	4.86	5.19	NA	5.44	5.63	0.56	4.86	6.59
ORP	MV	121	86	180	73	195	NA	102	117	64.11	12	202
pH	units	7.44	7.31	7.43	7.00	7.77	NA	7.43	7.46	0.26	7.00	7.83
Specific Conductance	µmho/cm	3500	2260	4550	15700	2.93	NA	3500	4535	4402.37	3	15700
Temperature (C°)		26.82	24.87	25.75	31.99	28.74	NA	26.82	27.44	2.31	24.87	31.99
Turbidity	NTU	102.0	314.0	124.0	186	36.1	NA	181	156	81.72	36	314
GENERAL CHEMISTRY												
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	1220	1280	445.12	880	1800
Bicarbonate Alkalinity as CaCO3	mg/L	950	NA	730	NA	680	NA	950	994	303.90	680	1500
Carbonate Alkalinity as CaCO3	mg/L	4.0	NA	0.00	NA	4.0	NA	NC	NC	NC	NC	NC
Chemical Oxygen Demand	mg/L	160	NA	340	NA	150	NA	340	725.6	951.24	150	2800
Chloride	mg/L	620	NA	790	NA	680	NA	620	583.3	164.77	290	790
Cyanide (total)	mg/L	0.017	NA	0.013	NA	0.013	NA	NC	NC	NC	NC	NC
Fluoride	mg/L	0.70	NA	2.5	NA	0.76	NA	0.56	0.62	0.14	0.47	0.78
Hardness, Total	mg/L	2000	NA	1000	NA	750	NA	1200	1214	427.93	580	2000
Hydroxide Alkalinity as CaCO3	mg/L	4.0	NA	0.00	NA	4.0	NA	NC	NC	NC	NC	NC
Nitrate as N	mg/L	0.16	NA	67	NA	1.1	NA	2	18	29	0	67
Nitrate as NO3	mg/L	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
pH	units	7.68	NA	7.57	NA	8.01	NA	7.57	7.54	0.52	6.67	8.17
Phenols	mg/L	0.11	NA	0.025	NA	0.025	NA	0.25	1.06	1.38	0.05	3.2
Phosphate	mg/L	NA	NA	NA	NA	0.13	NA	1.00	1.6	1.76	0.1	5.1
Phosphorus	mg/L	0.29	NA	0.87	NA	0.39	NA	0.39	0.57	0.50	0.05	1.7
Specific Conductance	µmhos/cm	3580	NA	4700	NA	3500	NA	3580	3653	696.85	2800	4700
Sulfate as SO4	mg/L	9.7	NA	3.2	NA	93	NA	3.2	15.87	29.57	1.0	93.0
Sulfide	mg/L	0.025	NA	0.020	NA	0.020	NA	0.06	0.16	0.27	0.02	0.77
Total Alkalinity as CaCO3	mg/L	950	NA	730	NA	680	NA	950	994	303.90	680	1500
Total Anions	meq/l	37	NA	42	NA	35	NA	37	37.2	7.61	28	50
Total Cations	meq/l	35	NA	48	NA	35	NA	40	40.8	6.82	31	51
Total Dissolved Solids	mg/L	2000	NA	2900	NA	1900	NA	2500	2389	534.89	1700	3000
Total Organic Carbon	mg/L	49	NA	93	NA	56	NA	93	325.1	464.08	49	1300
Total Organic Halogens	mg/L	0.31	NA	0.94	NA	0.57	NA	0.71	0.80	0.44	0.31	1.7
METALS												
Antimony	mg/L	0.00060	NA	0.017	NA	0.0025	NA	0.005	1.61	3.92	0.0009	9.6
Arsenic	mg/L	0.025	NA	0.067	NA	0.0053	NA	0.04	0.5	1.51	0.005	4.8
Barium	mg/L	1.100	NA	1.300	NA	0.790 ⁽⁴⁾	NA	1.4	1.53	0.88	0.30	3.1
Beryllium	mg/L	0.00020	NA	0.0013	NA	0.0013	NA	NC	NC	NC	NC	NC
Boron	mg/L	1.8	NA	1.2	NA	1.3	NA	1.80	1.92	0.77	1.2	3.6
Cadmium	mg/L	0.00020	NA	0.0013	NA	0.0013	NA	0.001	0.00	0.00	0.00018	0.00072
Calcium	mg/L	190	NA	240	NA	120	NA	300	285	146.68	62	480
Chromium (total)	mg/L	0.0037	NA	0.0088	NA	0.0025	NA	0.01	3.34	10.00	0.0035	30
Cobalt	mg/L	0.0069	NA	0.014	NA	0.0039	NA	0.01	0.01	0.00	0.0039	0.014
Copper	mg/L	0.0010	NA	0.200	NA	0.0025	NA	0.08	0.08	0.07	0.0048	0.20
Iron	mg/L	9.4	NA	33	NA	4.8 ⁽⁴⁾	NA	21.0	42.2	55.5	5	170
Lead	mg/L	0.0004	NA	0.033	NA	0.0025	NA	0.03	0.02	0.01	0.001	0.038
Magnesium	mg/L	110	NA	120	NA	110	NA	110	105	21.61	62	140
Manganese	mg/L	2.2	NA	4.1	NA	0.48	NA	4.1	4.57	3.9	0.2	11
Mercury	mg/L	0.00010	NA	0.00010	NA	0.00010	NA	NC	NC	NC	NC	NC
Molybdenum	mg/L	0.0045	NA	0.0025	NA	0.0038	NA	0.002	0.002	0.0011	0.0012	0.0045
Nickel	mg/L	0.030	NA	0.069	NA	0.044	NA	0.06	4.94	14.65	0.011	0.088
Potassium	mg/L	64	NA	95	NA	54	NA	64	65	18.6	31	95
Selenium	mg/L	0.0017	NA	0.0025	NA	0.0025	NA	0.00	0.00	0.00	0.0011	0.01
Silver	mg/L	0.00020	NA	0.0025	NA	0.0025	NA	NC	NC	NC	NC	NC
Sodium	mg/L	340	NA	490	NA	360	NA	350	357.8	95.1	180	490
Thallium	mg/L	0.00040	NA	0.0025	NA	0.0025	NA	NC	NC	NC	NC	NC
Tin	mg/L	NA	NA	0.025	NA	0.025	NA	0.02	1.15	1.95	0.02	3.4
Vanadium	mg/L	0.0075	NA	0.024	NA	0.0055	NA	0.02	0.02	0.01	0.006	0.037
Zinc	mg/L	0.0060	NA	0.062	NA	0.013	NA	0.06	0.45	0.62	0.006	1.6

**TABLE 14 (CONT'D)
CALIFORNIA STREET LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE (PHI SUMP)**

Analyte	UNITS	Oct 2012	Apr 2013	Oct 2014	Apr 2015	Oct 2015	May 2016	MED.	AVG.	STD. DEV.	MIN.	MAX.
VOLATILE ORGANIC COMPOUNDS (EPA 8260B)												
1,1-Dichloroethane	µg/L	0.40	0.40	NA	NA	0.25	NA	NC	NC	NC	NC	NC
1,1-Dichloroethene	µg/L	0.42	0.42	0.25	NA	0.25	NA	NC	NC	NC	NC	NC
1,2-Dichlorobenzene	µg/L	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
1,2-Dichloroethane	µg/L	1.5	0.65	0.25	NA	1.6	NA	1.5	1.97	1.42	0.7	4.5
1,2-Dichloropropane	µg/L	0.35	0.35	0.25	NA	0.25	NA	NC	NC	NC	NC	NC
1,4-Dichlorobenzene	µg/L	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
2-Butanone (MEK)	µg/L	4.7	4.7	69	NA	2.5	NA	335	9286	15100	8.4	36000
2-Hexanone	µg/L	2.6	2.6	2.5	NA	2.5	NA	NC	NC	NC	NC	NC
4-Methyl-2-Pentanone (MIBK)	µg/L	3.5	3.5	2.5	NA	2.5	NA	NC	NC	NC	NC	NC
Acetone	µg/L	12	20	180	NA	13	NA	42	2736	6553	12	21000
Acrylonitrile	µg/L	1.2	1.2	1.0	NA	1.7	NA	NC	NC	NC	NC	NC
Benzene	µg/L	0.46	0.28	0.25	NA	0.68	NA	0.7	1.84	3.07	0.08	8.7
Chlorobenzene	µg/L	0.36	0.36	0.25	NA	0.25	NA	NC	NC	NC	NC	NC
cis-1,2-Dichloroethene	µg/L	0.35	0.32	0.25	NA	0.46	NA	0.83	2.28	3.7	0.35	9.7
Ethyl-t-butyl ether (ETBE)	µg/L	ND	0.52	0.25	NA	0.25	NA	NC	NC	NC	NC	NC
Ethylbenzene	µg/L	0.30	0.25	0.25	NA	0.39	NA	0.39	16.89	41.11	0.07	110
Methylene Chloride	µg/L	2.0 ⁽⁴⁾	0.95	0.88	NA	0.88	NA	NC	NC	NC	NC	NC
Methyl-tert-butyl Ether (MTBE)	µg/L	2.3	0.99	0.43	NA	0.66	NA	0.99	4.88	8.49	0	20
Naphthalene	µg/L	0.68 ⁽⁴⁾	0.44	0.40	NA	0.69	NA	1	10	15.84	0	28
o-Xylene	µg/L	0.30	0.30	0.25	NA	0.25	NA	2.39	23.71	44.22	0.08	90
p + m-Xylene	µg/L	0.60	0.60	0.50	NA	0.50	NA	2.60	43.84	84.12	0.17	170
Styrene	µg/L	0.20	0.20	0.25	NA	0.25	NA	NC	NC	NC	NC	NC
tert-Butyl alcohol (TBA)	µg/L	320	310	140	NA	810	NA	315	395	289	140	810
Toluene	µg/L	0.36	0.36	0.25	NA	0.68	NA	2.70	23.77	43.51	0.7	89
Vinyl Chloride	µg/L	0.40	0.40	0.25	NA	0.25	NA	1.20	10.91	17.40	0.54	31
Xylenes [total]	µg/L	0.9	0.9	0.5	NA	0.50	NA	NC	NC	NC	NC	NC
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C)												
2,4-Dimethylphenol	µg/L	NA	0.91	5.4	NA	9.5	NA	NC	NC	NC	NC	NC
1,4-Dichlorobenzene	µg/L	1.5	0.43	1.1	NA	1.9	NA	NC	NC	NC	NC	NC
2-Methylnaphthalene	µg/L	0.45	0.21	2.7	NA	4.7	NA	NC	NC	NC	NC	NC
2-Methylphenol	µg/L	0.20	0.27	5.4	NA	9.5	NA	NC	NC	NC	NC	NC
3/4-Methylphenol	µg/L	0.41	0.49	1.1	NA	19	NA	158	679.1	1155.1	0.5	2400
Acenaphthene	µg/L	0.41	0.41	1.10	NA	1.9	NA	NC	NC	NC	NC	NC
Acetophenone	µg/L	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
Benzoic acid	µg/L	NA	5.9	22	210	19	NA	NC	NC	NC	NC	NC
Bis(2-ethylhexyl)phthalate	µg/L	10	1.8	11	NA	19	NA	10.0	14.87	8.52	9.9	24.7
Butyl benzyl phthalate	µg/L	1.5	0.73	11	NA	19	NA	NC	NC	NC	NC	NC
Di-n-butylphthalate	µg/L	0.61	0.35	5.4	NA	9.5	NA	NC	NC	NC	NC	NC
Di-n-octylphthalate	µg/L	2.9	0.21	11	NA	19	NA	NC	NC	NC	NC	NC
Diethyl phthalate	µg/L	0.96	0.49	2.7	NA	4.7	NA	3.2	12.48	20.47	0.49	43
Dimethyl phthalate	µg/L	0.81	0.21	1.4	NA	2.4	NA	NC	NC	NC	NC	NC
Isophorone	µg/L	NA	0.61	2.7	NA	4.7	NA	NC	NC	NC	NC	NC
N-Nitrosomorpholine	µg/L	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
o-Toluidine	µg/L	2.6	2.6	NA	NA	NA	NA	NC	NC	NC	NC	NC
Phenol	µg/L	0.61	0.61	3.8	NA	4.7	NA	162	739.87	1189.76	3.54	2800
Pyridine	µg/L	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC
EDB AND DBCP (EPA 504.1):												
1,2-Dibromo-3-chloropropane	µg/L	0.0029	NA	0.0028	NA	0.0029	NA	NC	NC	NC	NC	NC
ORGANOCHLORINE PESTICIDES and PCBs (EPA 8000)												
Endosulfan I	µg/L	0.041	NA	0.019	NA	0.042	NA	NC	NC	NC	NC	NC
Endrin	µg/L	0.041	NA	0.019	NA	0.020	NA	NC	NC	NC	NC	NC
Heptachlor Epoxide	µg/L	0.061	NA	0.029	NA	0.030	NA	NC	NC	NC	NC	NC
CHLORINATED HERBICIDES (EPA 8151); ND												

**TABLE 15
CALIFORNIA STREET LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE (PH2 SUMP)**

ANALYTE	UNITS	Mar 2010 (A)	Mar 2010 (B)	May 2010	Oct 2010	Apr 2011	Oct 2011	Apr 2012	Nov 2012	Apr 2013
FIELD PARAMETERS										
Dissolved Oxygen	mg/L	NA	NA	7.67	27.7	5.43	5.86	3.45	DRY	4.41
ORP	MV	NA	NA	46	32	33	45	121	DRY	54
pH	units	NA	NA	7.88	8.15	8.1	7.99	6.84	DRY	7.40
Specific Conductance	µmho/cm	NA	NA	5150	5340	4870	5910	5960	DRY	2030
Temperature	(C°)	NA	NA	28.04	27.7	25.21	27.86	29.26	DRY	27.40
Turbidity	NTU	NA	NA	226	66.8	118	240	325	DRY	141
GENERAL CHEMISTRY										
Bicarbonate	mg/L	2100	2000	2500	2100	NA	2500	NA	DRY	NA
Bicarbonate Alkalinity as CaCO3	mg/L	1700	1700	2000	1700	NA	2000	NA	DRY	790
Carbonate Alkalinity as CaCO3	mg/L	2.0	2.0	2.0	NA	NA	NA	NA	DRY	NA
Chemical Oxygen Demand	mg/L	720	750	660	440	NA	390	NA	DRY	78
Chloride	mg/L	410	410	580	650	NA	820	NA	DRY	200
Cyanide (total)	mg/L	0.017	0.017	0.017	0.017	NA	0.017	NA	DRY	0.017
Fluoride	mg/L	0.94	0.75	0.75	0.30	NA	0.37	NA	DRY	0.70
Hardness, Total	mg/L	1500	1400	3100	1400	NA	1400	NA	DRY	NA
Hydroxide Alkalinity as CaCO3	mg/L	2.0	2.0	2.0	NA	NA	NA	NA	DRY	NA
Nitrate as N	mg/L	0.060	0.060	0.30	0.12	NA	0.12	NA	DRY	0.70
pH	units	7.58	7.64	7.73	8.07	NA	8.1	NA	DRY	NA
Phenols	mg/L	2.7	2.5	0.27	0.068	NA	0.29	NA	DRY	0.054
Phosphate	mg/L	3.9	3.8	2.3	1.4	NA	2.0	NA	DRY	NA
Phosphorus	mg/L	1.3	1.2	0.75	0.47	NA	0.65	NA	DRY	0.24
Specific Conductance	µmhos/cm	3700	3700	4800	5400	NA	4900	NA	DRY	NA
Sulfate as SO4	mg/L	4.0	4.0	1.0	2.1	NA	2.1	NA	DRY	0.86
Sulfide	mg/L	0.18	0.42	0.10	0.047	NA	0.089	NA	DRY	0.020
Total Alkalinity as CaCO3	mg/L	1700	1700	2000	1700	NA	2000	NA	DRY	790
Total Anions	meq/l	NA	NA	57	53	NA	54	NA	DRY	NA
Total Cations	meq/l	NA	NA	57	61	NA	63	NA	DRY	NA
Total Dissolved Solids	mg/L	2500	2500	3000	3400	NA	3100	NA	DRY	1100
Total Organic Carbon	mg/L	320	290	290	160	NA	130	NA	DRY	23
Total Organic Halogens (TOX)	mg/L	0.72	0.74	0.012	7.2	NA	0.55	NA	DRY	0.23
METALS										
Antimony	mg/L	0.0046	0.0045	0.0035	0.0031	NA	0.0044	NA	DRY	0.00060
Arsenic	mg/L	0.056	0.058	0.026	0.031	NA	0.042	NA	DRY	0.053
Barium	mg/L	0.730	0.730	0.940	0.630	NA	0.760	NA	DRY	0.660
Beryllium	mg/L	0.00050	0.00050	0.00010	0.00024	0.00010	0.00020	NA	DRY	0.00020
Boron	mg/L	0.70	0.68	1.7	1.9	NA	1.8	NA	DRY	0.30
Cadmium	mg/L	0.00050	0.00050	0.00010	0.00032	0.00010	0.00020	NA	DRY	0.00020
Calcium	mg/L	180	160	250	110	NA	140	NA	DRY	200
Chromium (total)	mg/L	0.022	0.023	0.016	0.012	NA	0.011	NA	DRY	0.0018
Cobalt	mg/L	0.0059	0.0057	0.0048	0.0043	NA	0.0072	NA	DRY	0.0028
Copper	mg/L	0.045	0.042	0.037	0.0070	NA	0.0016	NA	DRY	0.0015
Iron	mg/L	1.9	1.8	9.1	6.9	NA	12	NA	DRY	26
Lead	mg/L	0.0010	0.0010	0.00078	0.0014	NA	0.0004	NA	DRY	0.00040
Magnesium	mg/L	99	95	290	320	NA	280	NA	DRY	63
Manganese	mg/L	1.4	1.1	1.4	0.41	NA	0.54	NA	DRY	4.0
Mercury	mg/L	0.00015	0.00010	0.00010	0.00010	NA	0.00010	NA	DRY	0.00010
Molybdenum	mg/L	0.0023	0.0015	0.0028	0.0017	NA	0.00086	NA	DRY	NA
Nickel	mg/L	0.039	0.039	0.060	0.071	NA	0.035	NA	DRY	0.017
Potassium	mg/L	90	85	95	130	NA	160	NA	DRY	32
Selenium	mg/L	0.0038	0.0028	0.0055	0.0026	NA	0.0063	NA	DRY	0.0013
Silver	mg/L	0.00050	0.00050	0.00010	0.00022	0.00010	0.00020	NA	DRY	0.0002
Sodium	mg/L	140	140	410	580	NA	650	NA	DRY	130
Thallium	mg/L	0.0010	0.0010	0.00025	0.00040	NA	0.00040	NA	DRY	0.00040
Tin	mg/L	0.019	0.017	0.048	0.012	NA	0.010	NA	DRY	0.01000
Vanadium	mg/L	0.060	0.058	0.036	0.034	NA	0.032	NA	DRY	0.0087
Zinc	mg/L	0.024	0.016	0.026	0.021	NA	0.021	NA	DRY	0.0150

**TABLE 15 (CONT'D)
CALIFORNIA STREET LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE (PH2 SUMP)**

ANALYTE	UNITS	Mar 2010 (A)	Mar 2010 (B)	May 2010	Oct 2010	Apr 2011	Oct 2011	Apr 2012	Nov 2012	Apr 2013
VOLATILE ORGANIC COMPOUNDS (EPA 8260B)										
1,2-Dichloroethane	µg/L	4.9	3.6	4.2	1.7	0.52	0.94	0.28	DRY	1.3
1,2-Dichloropropane	µg/L	0.35	0.35	0.35	4.7	4.7	4.7	4.7	DRY	0.41
2-Butanone (MEK)	µg/L	3800	3300	360	4.7	4.7	4.7	4.7	DRY	4.7
2-Hexanone	µg/L	7.0	7.1	9.8	2.6	2.6	2.6	2.6	DRY	2.6
4-Methyl-2-Pentanone (MIBK)	µg/L	110	110	35	4.9	3.5	3.5	3.5	DRY	3.5
Acetone	µg/L	330	340	130	22	27	16	4.5	DRY	22
Acrylonitrile	µg/L	1.2	1.2	1.2	3.6	NA	1.2	NA	DRY	1.2
Benzene	µg/L	0.76	0.53	0.88	0.28	0.28	0.46	0.28	DRY	2.9
Chloroethane	µg/L	0.40	0.40	0.57	0.40	0.40	0.40	0.40	DRY	0.40
Chloromethane	µg/L	0.40	0.40	0.40	0.40	0.40	0.40	0.40	DRY	0.40
cis-1,2-Dichloroethene	µg/L	0.68	0.47	1.3	0.32	0.32	0.32	0.32	DRY	0.44
Ethyl-t-butyl ether (ETBE)	µg/L	NA	NA	NA	NA	NA	NA	NA	DRY	0.85
Ethylbenzene	µg/L	0.94	0.63	1.1	0.25	0.25	0.25	0.25	DRY	2.6
Methylene Chloride	µg/L	4.0	2.9	0.95	0.95	0.95	0.95	0.95	DRY	0.95
Methyl-tert-butyl Ether (MTBE)	µg/L	ND	ND	ND	ND	ND	ND	ND	DRY	1.4
Naphthalene	µg/L	ND	ND	ND	ND	ND	ND	ND	DRY	1.2
o-Xylene	µg/L	0.63	0.48	0.87	0.30	0.30	0.30	0.30	DRY	1.5
p + m-Xylene	µg/L	1.2	0.77	1.50	0.60	0.60	0.60	0.60	DRY	3.6
Styrene	µg/L	0.39	0.31	0.22	0.20	0.20	0.20	0.20	DRY	0.20
tert-Butyl alcohol (TBA)	µg/L	NA	NA	NA	NA	NA	NA	NA	DRY	410
Toluene	µg/L	5.1	3.6	6.0	0.36	0.36	0.36	0.36	DRY	0.82
Vinyl Chloride	µg/L	ND	ND	ND	ND	ND	ND	ND	DRY	0.55
Xylenes [total]	µg/L	ND	ND	ND	ND	ND	ND	ND	DRY	5.1
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C):										
1,4-Dichlorobenzene	µg/L	ND	ND	ND	ND	ND	ND	ND	DRY	0.72
2,4-Dimethylphenol	µg/L	6.91	3.94	4.10	2.48	NA	2.48	6.10	DRY	1.1
3/4-Methylphenol	µg/L	3510	3620	374	2.19	NA	2.19	4.10	DRY	0.39
Acetophenone	µg/L	20.8	21.6	1.90	7.62	NA	7.62	7.62	DRY	NA
Benzoic Acid	µg/L	61	61	61	61	NA	61	62	DRY	5.9
Benzyl Alcohol	µg/L	13.0	12.8	15.4	2.67	NA	2.67	2.00	DRY	0.20
Bis(2-ethylhexyl)phthalate	µg/L	3.30	3.30	ND	ND	NA	ND	ND	DRY	4.5
Butyl benzyl phthalate	µg/L	3.20	3.20	6.80	6.80	NA	17	14	DRY	1.4
Diethyl phthalate	µg/L	27.3	24.8	27.4	2.57	NA	2.3	2.0	DRY	1.2
Di-n-butylphthalate	µg/L	ND	ND	ND	ND	NA	ND	ND	DRY	0.87
Napthalene	µg/L	ND	ND	ND	ND	NA	ND	ND	DRY	0.60
o-Toluidine	µg/L	ND	ND	ND	ND	NA	7.05	5.10	DRY	2.4
Phenol	µg/L	563	527	35.3	1.62	NA	1.62	6.10	DRY	0.59
EDB AND DCP (EPA 504.1)										
1,2-Dibromo-3-chloropropane	µg/L	0.97	0.97	0.0032	0.0040	0.0032	0.0032	NA	DRY	0.00290
ORGANOCHLORINE PESTICIDES and PCBs (EPA 8000)										
a-BHC	µg/L	0.019	0.019	0.019	0.019	0.019	0.019	NA	DRY	0.01900
b-BHC	µg/L	0.038	0.038	0.038	0.15	0.038	0.038	NA	DRY	0.02900
Endosulfan I	µg/L	0.029	0.029	0.029	0.029	0.029	0.029	NA	DRY	0.042
CHLORINATED HERBICIDES (EPA 8151)										
2,4-D	µg/L	8.89	9.33	0.117	1.24	NA	2.43	NA	DRY	0.43
Dichloropropane	µg/L	0.529	23.9	0.107	4.76	NA	4.76	NA	DRY	NA

**TABLE 15 (CONT'D)
CALIFORNIA STREET LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE (PH2 SUMP)**

ANALYTE	UNITS	Oct 2013	Apr 2014	Oct 2014	Oct 2015	Oct 2016	May 2017	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS												
Dissolved Oxygen	mg/L	4.39	6.03	5.34	4.14	4.72	6.74	5.39	7.44	7.22	3.45	27.70
ORP	MV	129	76	112	80	154	224	65	73	36.78	32	129
pH	units	7.35	7.92	7.72	8.45	8.35	8.04	7.90	7.78	0.47	6.84	8.45
Specific Conductance	µmho/cm	3590	3440	5100	3760	5060	6870	4985	4515	1262.39	2030	5960
Temperature	(C°)	19.92	28.39	28.14	28.78	21.54	28.36	27.95	27.07	2.73	19.92	29.26
Turbidity	NTU	347	169	2000	150	301	141	198	378	576.68	67	2000
GENERAL CHEMISTRY												
Bicarbonate	mg/L	NA	NA	NA	NA	NA	NA	2100	2240	240.83	2000	2500
Bicarbonate Alkalinity as CaCO3	mg/L	910	NA	1300	1100	1400	NA	1700	1467	455.82	790	2000
Carbonate Alkalinity as CaCO3	mg/L	NA	NA	0.00	NA	2.0	NA	NC	NC	NC	NC	NC
Chemical Oxygen Demand	mg/L	280	NA	360	330	510	NA	390	445	223.69	78	750
Chloride	mg/L	260	NA	800	780	870	NA	580	545.56	235.80	200	820
Cyanide (total)	mg/L	0.017	NA	0.013	0.013	9.2	11	NC	NC	NC	NC	11
Fluoride	mg/L	0.39	NA	2.5	0.93	0.44	NA	0.66	0.66	0.32	0.37	0.94
Hardness, Total	mg/L	NA	NA	1000	740	218	NA	1400	1633	739.37	1000	3100
Hydroxide Alkalinity as CaCO3	mg/L	NA	NA	0.00	NA	2.0	NA	NC	NC	NC	NC	NC
Nitrate as N	mg/L	7.9	0.42	4.0	0.50	0.18	NA	4	4.11	3.74	0	7.9
pH	units	NA	NA	7.84	8.10	8.26	NA	7.84	7.87	0.22	7.58	8.10
Phenols	mg/L	0.21	NA	0.025	0.027	0.096	NA	0.2	0.76	1.14	0.03	2.7
Phosphate	mg/L	NA	NA	NA	0.62	NA	NA	2.2	2.34	1.31	0.6	3.9
Phosphorus	mg/L	0.83	NA	0.93	1.9	2.1	NA	0.8	0.92	0.49	0.24	1.9
Specific Conductance	µmhos/cm	NA	NA	5400	4500	4900	NA	4800	4628.57	711.14	3700	5400
Sulfate as SO4	mg/L	1.7	NA	5.2	3.1	2.1	NA	2.6	2.88	1.45	0.9	5.2
Sulfide	mg/L	0.020	NA	0.020	0.020	0.10	NA	0.10	0.17	0.15	0.05	0.42
Total Alkalinity as CaCO3	mg/L	910	NA	1300	1100	1100	NA	1700	1467	455.82	790	2000
Total Anions	meq/l	NA	NA	50	45	NA	NA	53	51.80	4.55	45	57
Total Cations	meq/l	NA	NA	51	44	NA	NA	57	55.20	7.76	44	63
Total Dissolved Solids	mg/L	1900	NA	2900	2400	2400	NA	2500	2533.33	698.21	1100	3400
Total Organic Carbon	mg/L	65	NA	120	120	150	NA	130	169	106.43	23	320
Total Organic Halogens (TOX)	mg/L	0.32	NA	1.1	0.77	0.46	NA	0.72	1.29	2.24	0.012	7.20
METALS												
Antimony	mg/L	0.0041	NA	0.0048	0.0025	0.00050	NA	0.004	0.004	0.001	0.0031	0.0048
Arsenic	mg/L	0.045	NA	0.038	0.021	0.021	NA	0.04	0.04	0.01	0.021	0.058
Barium	mg/L	0.930	NA	1.000	0.660	0.200	NA	0.73	0.78	0.14	0.63	1.00
Beryllium	mg/L	0.0013	NA	0.0013	0.0013	0.000010	NA	NC	NC	NC	NC	NC
Boron	mg/L	0.92	NA	1.2	1.3	1.3	NA	1.06	1.15	0.60	0.30	1.9
Cadmium	mg/L	0.0013	NA	0.0013	0.0013	0.00010	NA	NC	NC	NC	NC	NC
Calcium	mg/L	120	NA	180	140	87.1	NA	170	167.50	45.59	110	250
Chromium (total)	mg/L	0.0068	NA	0.010	0.0082	0.0018	NA	0.01	0.01	0.006	0.007	0.023
Cobalt	mg/L	0.0080	NA	0.015	0.016	0.0036	NA	0.01	0.01	0.005	0.0028	0.0160
Copper	mg/L	0.0070	NA	0.0097	0.0025	0.0005	NA	0.01	0.02	0.019	0.002	0.045
Iron	mg/L	31	NA	21	5.3	25	NA	10.6	13.71	11.05	1.8	31.0
Lead	mg/L	0.0025	NA	0.0035	0.0025	0.0010	NA	0.001	0.002	0.0014	0.00078	0.00350
Magnesium	mg/L	100	NA	120	110	112	NA	110	170.88	105.90	63	320
Manganese	mg/L	6.1	NA	2.3	0.47	0.58	NA	1.4	2.2	1.96	0.4	6.1
Mercury	mg/L	0.00010	NA	0.00010	0.00020	0.00050	NA	NC	NC	NC	NC	NC
Molybdenum	mg/L	0.0025	NA	0.0025	0.0025	0.0025	NA	0.002	0.002	0.001	0.0009	0.0028
Nickel	mg/L	0.047	NA	0.066	0.062	0.012	NA	0.05	0.05	0.02	0.017	0.07
Potassium	mg/L	77	NA	100	61	130	NA	93	96	37.6	32	160
Selenium	mg/L	0.0025	NA	0.0025	0.0025	0.0020	NA	0.003	0.004	0.002	0.0013	0.0063
Silver	mg/L	0.0025	NA	0.0025	0.0025	0.0002	NA	NC	NC	NC	NC	NC
Sodium	mg/L	330	NA	520	410	470	NA	370	363	210.83	130	650
Thallium	mg/L	0.0025	NA	0.0025	0.0025	0.0005	NA	NC	NC	NC	NC	NC
Tin	mg/L	0.025	NA	0.025	0.025	0.00028	NA	0.02	0.03	0.02	0.017	0.048
Vanadium	mg/L	0.025	NA	0.026	0.024	0.012	NA	0.03	0.03	0.02	0.009	0.06
Zinc	mg/L	0.021	NA	0.017	0.013	0.005	NA	0.02	0.02	0.00	0.013	0.026

**TABLE 15 (CONT'D)
CALIFORNIA STREET LANDFILL
HISTORICAL SUMMARY DATA - LEACHATE (PH2 SUMP)**

ANALYTE	UNITS	Oct 2013	Apr 2014	Oct 2014	Oct 2015	Oct 2016	May 2017	MED.	AVG.	STD. DEV.	MIN.	MAX.
VOLATILE ORGANIC COMPOUNDS (EPA 8260B)												
1,2-Dichloroethane	µg/L	1.3	NA	0.25	0.25	1.0	NA	1.7	2.45	1.75	0.5	4.9
1,2-Dichloropropane	µg/L	1.3	NA	0.25	0.25	1.0	NA	NC	NC	NC	NC	NC
2-Butanone (MEK)	µg/L	1.3	NA		4.4	2.5	NA	1830	1866.10	1960.47	4	3800
2-Hexanone	µg/L	1.3	NA	2.5	2.5	5.0	NA	7.1	7.97	1.59	7.0	9.8
4-Methyl-2-Pentanone (MIBK)	µg/L	1.3	NA	2.5	2.5	NA	NA	73	65	53.4	5	110
Acetone	µg/L	1.3	NA		73	37	9.9	37	110.78	132.10	16	340
Acrylonitrile	µg/L	1.3	NA	1.0	1.0	5.0	NA	NC	NC	NC	NC	NC
Benzene	µg/L	1.3	NA		0.28	0.42	1.0	0.53	0.89	0.91	0.28	2.90
Chloroethane	µg/L	1.3	NA	0.25	0.40	1.0	NA	NC	NC	NC	NC	NC
Chloromethane	µg/L	1.3	NA		0.41	0.25	1.0	NC	NC	NC	NC	NC
cis-1,2-Dichloroethene	µg/L	1.3	NA	0.25	0.25	1.0	NA	0.58	0.72	0.40	0.44	1.3
Ethyl-t-butyl ether (ETBE)	µg/L	1.3	NA		0.30	0.25	NA	NC	NC	NC	NC	NC
Ethylbenzene	µg/L	1.3	NA		0.35	0.25	1.0	0.94	1.12	0.87	0.35	2.6
Methylene Chloride	µg/L	1.3	NA	0.88	0.88	1.0	NA	NC	NC	NC	NC	NC
Methyl-tert-butyl Ether (MTBE)	µg/L	1.3	NA		0.62	0.32	3.0	1	0.78	0.56	0	1
Naphthalene	µg/L	1.3	NA	0.40		0.59	1.0	NC	NC	NC	NC	NC
o-Xylene	µg/L	1.3	NA	0.25	0.26	1.0	NA	0.75	0.87	0.45	0.48	1.50
p + m-Xylene	µg/L	1.3	NA		0.57	0.71	1.0	1.0	1.39	1.14	0.57	3.6
Styrene	µg/L	1.3	NA	0.25	0.25	1.0	NA	0.31	0.31	0.09	0.22	0.39
tert-Butyl alcohol (TBA)	µg/L		900	NA	1700	1500	NA	1200	1128	587	410	1700
Toluene	µg/L	1.3	NA		0.35	0.55	1.0	2.2	2.7	2.50	0.4	6.0
Vinyl Chloride	µg/L	1.3	NA	0.25	0.25	1.0	NA	NC	NC	NC	NC	NC
Xylenes [total]	µg/L	1.3	NA		0.57	0.71	NA	1	2.13	2.58	1	5
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C):												
1,4-Dichlorobenzene	µg/L		0.42	NA	0.95	2.2	5.0	NA	NC	NC	NC	NC
2,4-Dimethylphenol	µg/L	0.29	NA	4.7	11	5.0	NA	NC	NC	NC	NC	NC
3/4-Methylphenol	µg/L	0.39	NA	9.5	22	5.0	NA	3510	2501.33	1843.15	374	3620
Acetophenone	µg/L	NA	NA	3.8	8.9	50	NA	NC	NC	NC	NC	NC
Benzoic Acid	µg/L		4.2	NA	9.5	22	500	NA	NC	NC	NC	NC
Benzyl Alcohol	µg/L	0.20	NA	9.5	22	5.0	NA	13	13.73	1.45	12.8	15
Bis(2-ethylhexyl)phthalate	µg/L		7.6	NA	9.5	22	25	NA	NC	NC	NC	NC
Butyl benzyl phthalate	µg/L	0.7	NA	9.5	22	5.0	NA	NC	NC	NC	NC	NC
Diethyl phthalate	µg/L		0.49	NA	2.4	5.6	5.0	13.6	13.9	13.83	0.5	27.4
Di-n-butylphthalate	µg/L	0.29	NA	4.7	11	5.0	NA	NC	NC	NC	NC	NC
Napthalene	µg/L	0.10	NA	2.4	5.6	5.0	NA	NC	NC	NC	NC	NC
o-Toluidine	µg/L	2.4	NA	2.4	5.6	50	NA	NC	NC	NC	NC	NC
Phenol	µg/L	0.29	NA	2.4	5.6	5.0	NA	527	375.1	294.83	35.3	563
EDB AND DCP (EPA 504.1)												
1,2-Dibromo-3-chloropropane	µg/L	0.0029	NA		0.0082	0.0029	0.010	NA	NC	NC	NC	NC
ORGANOCHLORINE PESTICIDES and PCBs (EPA 8000)												
a-BHC	µg/L	0.019	NA	0.019	0.025	0.050	NA	NC	NC	NC	NC	NC
b-BHC	µg/L	0.029	NA	0.029	0.037	0.050	NA	NC	NC	NC	NC	NC
Endosulfan I	µg/L	0.019	NA		0.043	0.025	0.050	NA	NC	NC	NC	NC
CHLORINATED HERBICIDES (EPA 8151)												
2,4-D	µg/L	0.43	NA	0.43	0.47	1.0	NA	NC	NC	NC	NC	NC
Dichloropropane	µg/L	NA	NA	NA	NA	NA	NA	NC	NC	NC	NC	NC

TABLE 16
CALIFORNIA STREET LANDFILL
CONSTITUENT OF CONCERN ANALYTE LIST "2"
PHASE 1 AND PHASE 2 LEACHATE SUMPS

PHASE 1 LEACHATE SUMP	PHASE 2 LEACHATE SUMP
Bicarbonate	Bicarbonate
Bicarbonate Alkalinity as CaCO3	Bicarbonate Alkalinity as CaCO3
-	Biochemical Oxygen Demand
-	Carbonate
-	Carbonate Alkalinity as CaCO3
Chemical Oxygen Demand	Chemical Oxygen Demand
Chloride	Chloride
-	Cyanide, Total
Hardness, Total	Hardness, Total
Nitrate as N	Nitrate as N
Nitrate as NO3	-
pH	pH
Phenols	Phenols
Phosphate	Phosphate
Phosphorus	Phosphorus
Specific Conductance	Specific Conductance
Sulfate as SO4	-
Sulfide	Sulfide
Total Alkalinity as CaCO3	Total Alkalinity as CaCO3
Total Anions	Total Anions
Total Cations	Total Cations
Total Dissolved Solids	Total Dissolved Solids
Total Organic Carbon	Total Organic Carbon
Total Organic Halogens (TOX)	Total Organic Halogens (TOX)
Antimony	Antimony
Arsenic	Arsenic
Barium	Barium
Boron	Boron
Cadmium	-
Calcium	Calcium
Chromium (total)	Chromium (total)
Cobalt	Cobalt
Copper	Copper
Iron	Iron
Lead	-
Magnesium	Magnesium
Manganese	Manganese
Molybdenum	Molybdenum
Nickel	Nickel
Potassium	Potassium
Selenium	Selenium
Sodium	Sodium
-	Tin
Vanadium	Vanadium
Zinc	Zinc
1,2-Dichloroethane	1,2-Dichloroethane
1,4-Dichlorobenzene	-
2-Butanone (MEK)	2-Butanone (MEK)
-	2-Hexanone
-	4-Methyl-2-Pentanone (MIBK)
Acetone	Acetone
-	Acrylonitril
Benzene	Benzene
cis-1,2-Dichloroethene	cis-1,2-Dichloroethene
Ethylbenzene	Ethylbenzene
m,p-Xylene	m,p-Xylene
o-Xylene	o-Xylene
-	Styrene
Toluene	Toluene
Vinyl Chloride	-
3/4-Methylphenol	3/4-Methylphenol
-	Benzyl Alcohol
-	Diethyl phthalate
Phenol	Phenol
Endrin	-

**TABLE 19
CALIFORNIA STREET LANDFILL
HISTORICAL SUMMARY DATA - CONDENSATE**

ANALYTE	UNITS	Nov 2010	Feb 2011	Jun 2011	Oct 2011	Jan 2013	Oct 2013	Oct 2014
FIELD PARAMETERS								
Dissolved Oxygen	mg/L	7.04	7.96	5.05	1.82	9.44	4.26	2.56
ORP	MV	151	81	0.85	-19	165	85	-35
pH	units	5.44	5.72	4.45	5.18	4.43	4.97	5.93
Specific Conductance	µmho/cm	1850	1461	989	1990	720	1440	3150
Temperature (C°)		12.51	16.68	28.4	27.28	14.98	20.10	30.07
Turbidity	NTU	3.4	11.0	230.0	5.8	4.6	3.1	5.0
GENERAL CHEMISTRY								
Bicarbonate	mg/L	710	600	2.0	560	NA	NA	NA
Bicarbonate Alkalinity as CaCO3	mg/L	580	490	2.0	460	88	360	1100
Carbonate Alkalinity as CaCO3	mg/L	2.0	2.0	2.0	2.0	2.0	0	0.00
Chemical Oxygen Demand	mg/L	4300	3800	3200	3600	4400	3400	4100
Chloride	mg/L	23	19	34	60	4.0	12	27
Cyanide (total)	mg/L	0.017	0.017	0.017	0.017	0.017	0.017	0.013
Fluoride	mg/L	0.15	14	0.083	0.30	0.35	0.25	1.3
Hydroxide	mg/L	0.70	0.70	0.70	0.70	NA	NA	NA
Hydroxide Alkalinity as CaCO3	mg/L	2.0	2.0	2.0	2.0	2.0	0	0.00
Nitrate as N	mg/L	0.060	7.6	0.06	0.12	NA	0.63	0.28
Nitrate as NO3	mg/L	0.25	0.25	NA	0.50	0.35	0.35	0.35
pH	units	6.09	6.40	4.50	5.4	4.74	5.04	6.07
Phenols	mg/L	3.1	3.2	2.4	3.1	5.8	4.7	5.0
Phosphorus	mg/L	0.040	0.020	0.023	0.029	0.20	0.057	0.035
Specific Conductance	µmhos/cm	1900	1400	780	1700	680	1300	3400
Sulfate as SO4	mg/L	1.2	1.3	31.0	3.6	0.40	1.5	0.25
Sulfide	mg/L	0.020	0.020	0.020	0.19	0.042	0.022	0.091
Total Alkalinity as CaCO3	mg/L	580	490	2.0	460	88	88	1100
Total Anions	meq/l	12	11	1.6	9.3	2.1	7.6	23
Total Cations	meq/l	ND	0.0090	0.0930	0.0070	0.10	0.10	38
Total Dissolved Solids	mg/L	990	1100	60	11	22	5.00	16
Total Organic Carbon	mg/L	1500	990	1000	970	1500	1000	1300
Total Organic Halogens	mg/L	0.088	0.069	0.04	0.083	0.069	0.044	0.034
METALS								
Antimony	mg/L	0.01000	0.016	0.370	0.150	0.110	0.050	0.190
Arsenic	mg/L	0.009	0.010	0.054	0.046	0.015	0.015	0.029
Barium	mg/L	0.00030	0.00030	0.054	0.0021	0.00060	0.0170	0.0020
Beryllium	mg/L	0.00010	0.00010	0.00050	0.00010	0.00020	0.0005	0.00025
Boron	mg/L	0.020	0.020	0.020	NA	0.020	0.020	0.010
Cadmium	mg/L	0.00010	0.00010	0.00050	0.00010	0.00020	0.0005	0.00025
Calcium	mg/L	0.050	0.15	0.83	0.12	0.081	0.018	0.35
Chromium (total)	mg/L	0.0028	0.0030	0.0230	0.0069	0.0020	0.0011	0.0012
Cobalt	mg/L	0.00010	0.00010	0.00220	0.00014	0.00020	0.0001	0.0005
Copper	mg/L	0.00086	0.046	0.039	0.0038	0.0084	0.029	0.017
Iron	mg/L	0.054	0.074	1.9	0.14	0.068	0.068	0.12
Lead	mg/L	0.00020	0.0031	0.0210	0.00020	0.0011	0.0015	0.0011
Magnesium	mg/L	0.012	0.02	0.53	0.013	0.022	0.022	0.038
Manganese	mg/L	0.0070	0.0070	0.022	0.0070	0.0070	0.0070	0.010
Mercury	mg/L	0.00010	0.00010	0.0002	0.00010	0.00010	0.0001	0.0001
Molybdenum	mg/L	0.00025	0.00020	0.00100	0.00020	0.00040	0.0010	0.0005
Nickel	mg/L	0.00050	0.00077	0.047	0.00050	0.0010	0.0010	0.0005
Potassium	mg/L	0.37	0.37	0.37	0.37	0.37	0.37	0.25
Selenium	mg/L	0.00050	0.00050	0.00250	0.00050	0.010	0.001	0.005
Silver	mg/L	0.00010	0.00010	0.00050	0.00010	0.00020	0.0002	0.0005
Sodium	mg/L	0.19	0.19	0.19	0.19	0.19	0.19	0.25
Thallium	mg/L	0.00020	0.00020	0.00100	0.00020	0.00040	0.0010	0.0005
Tin	mg/L	0.012	0.012	0.011	0.005	0.010	0.010	0.001
Vanadium	mg/L	0.00080	0.00080	0.011	0.0023	0.0016	0.001	0.001
Zinc	mg/L	0.00400	0.071	0.12	0.0099	0.0080	0.025	0.013
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):								
1,1-Dichloroethane	µg/L	NA	NA	NA	NA	NA	NA	2.5
1,2,4-Trimethylbenzene	µg/L							
2-Butanone (MEK)	µg/L	3800	4000	2500	680	1700	1400	630
2-Hexanone	µg/L	NA	NA	NA	NA	66	63	25
4-Methyl-2-Pentanone (MIBK)	µg/L	310	450	150	180	190	140	49
Acetone	µg/L	2800	2200	1500	860	3000	1900	1300
Benzene	µg/L	NA	NA	NA	NA	6.6	6.3	2.5
Chlorobenzene	µg/L	NA	NA	NA	NA	6.6	6.3	2.5
Chloroform	µg/L	100	6.60	6.60	16	6.6	6.3	2.5
cis-1,2-Dichloroethene	µg/L	16	20	10	16	6.4	6.3	2.5
Ethylbenzene	µg/L	96	110	47	26	64	43	24
Isopropylbenzene	µg/L	NA	NA	NA	NA			
Methyl-tert-butyl Ether (MTBE)	µg/L	NA	NA	NA	NA	7.9	6.3	2.5
Naphthalene	µg/L	NA	NA	NA	NA	87	45	31
n-Butylbenzene	µg/L	NA	NA	NA	NA	6.6	6.3	4.0
n-Propylbenzene	µg/L	NA	NA	NA	NA	5.6	6.3	2.5
o-Dichlorobenzene	µg/L	NA	NA	NA	NA	NA	NA	NA
o-Xylene	µg/L	78	86	33	21	51	37	21
p-Dichlorobenzene	µg/L	NA	NA	NA	NA	NA	NA	NA
p + m-Xylene	µg/L	140	160	68	36	100	70	38
sec-Butylbenzene	µg/L	NA	NA	NA	NA	6.6	6.3	2.5
Styrene	µg/L	12	14	4.00	10	4.7	6.3	2.5
tert-Butyl alcohol (TBA)	µg/L	NA	NA	NA	NA	5400	3100	1600
Toluene	µg/L	140	180	85	40	79 ⁽⁴⁾	59	32
Trichloroethene	µg/L	NA	NA	NA	NA	NA	6.3	2.5
Vinyl Chloride	µg/L	NA	NA	NA	NA	NA	6.30	2.50
Xylenes [total]	µg/L	NA	NA	NA	NA	150	110	59

TABLE 19 (CONT'D)
CALIFORNIA STREET LANDFILL
HISTORICAL SUMMARY DATA - CONDENSATE

ANALYTE	UNITS	Nov 2010	Feb 2011	Jun 2011	Oct 2011	Jan 2013	Oct 2013	Oct 2014
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C):								
2-Methylnaphthalene	µg/L	0.571	11.2	2.2	19	41	190	1900
2-Methylphenol	µg/L	2.48	2.48	2.48	19	48	380	3800
2,4-Dimethylphenol	µg/L	33.9	19.4	2.48	57	62	290	3800
3/4-Methylphenol	µg/L	2.19	1670	1560	2400	1200	6500	7700
Acenaphthene	µg/L	0.476	4.3	4.7	19	41	190	770
Acetophenone	µg/L	7.62	7.62	7.62	7.62	77.00	130	1500
Benzyl Alcohol	µg/L	26.70	26.70	467	750	830	96	7700
Bis(2-chloroethoxy)methane	µg/L	25.0	2.48	NA	95	720	96	770
Bis(2-Chloroethyl)ether	µg/L	39.4	3.90	NA	95	72	96	770
Bis(2-ethylhexyl)phthalate	µg/L	3.14	5.40	34.7	320	350	1600	7700
Di-n-butylphthalate	µg/L	3.05	8.50	11.2	380	62	290	3800
Di-n-octylphthalate	µg/L	3.52	6.15	37.1	19	41	190	7700
Dibenzofuran	µg/L	0.667	2.40	2.57	19	21	96	770
Diethyl phthalate	µg/L	45.7	32.0	31.6	95	190	1000 ⁽³⁾	1900
Dimethyl phthalate	µg/L	2.57	2.57	2.96	19	41	190	960
Fluorene	µg/L	1.90	3.52	3.52	19	21	96	770
Isophorone	µg/L	2.67	2.67	3.10	19	23	96	1900
Naphthalene	µg/L	53.6	54.9	10.7	30	40	140	1900
Nitrobenzene	µg/L	24.0	2.38	2.38	NA	88	96	1900
Phenanthrene	µg/L	0.667	3.73	3.54	19	21	96	770
Phenol	µg/L	1130	855	536	2500	2700	18000	3200
EDB AND DCP (EPA 504.1):								
1,2-Dibromo-3-chloropropane	µg/L	0.0029	0.0093	0.0029	0.0029	0.0029	0.0031	0.31
ORGANOCHLORINE PESTICIDES and PCBs (EPA 8082): ND								
CHLORINATED HERBICIDES (EPA 8151):								
4-Nitrophenol	µg/L	2.24	1.33	13.8	480	NA	NA	NA

**TABLE 17
HISTORICAL SUMMARY DATA - SURFACE WATER MONITORING STATION SW-1
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Sep 2009	Jan 2010	Feb 2011	May 2011	Nov 2011	Feb 2012	Aug 2012	Nov 2012	Jan* 2013	Nov* 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS																
Dissolved Oxygen	mg/L	8.45	DRY	DRY	DRY	DRY	DRY	DRY	9.31	DRY	DRY	NC	NC	NC	NC	NC
ORP	MV	177	DRY	DRY	DRY	DRY	DRY	DRY	250	DRY	DRY	NC	NC	NC	NC	NC
pH	units	8.03	DRY	DRY	DRY	DRY	DRY	DRY	5.07	DRY	DRY	NC	NC	NC	NC	NC
Specific Conductance	umho/cm	349	DRY	DRY	DRY	DRY	DRY	DRY	341	DRY	DRY	NC	NC	NC	NC	NC
Temperature	(C°)	27.8	DRY	DRY	DRY	DRY	DRY	DRY	13.2	DRY	DRY	NC	NC	NC	NC	NC
Turbidity	NTU	>900	DRY	DRY	DRY	DRY	DRY	DRY	70	DRY	DRY	NC	NC	NC	NC	NC
GENERAL CHEMISTRY																
Bicarbonate	mg/L	160	DRY	DRY	DRY	DRY	DRY	DRY	120	DRY	DRY	NC	NC	NC	NC	NC
Carbon dioxide, dissolved	mg/L	1.0	DRY	DRY	DRY	DRY	DRY	DRY	2.0	DRY	DRY	NC	NC	NC	NC	NC
Carbonate	mg/L	1.2	DRY	DRY	DRY	DRY	DRY	DRY	0.00	DRY	DRY	NC	NC	NC	NC	NC
Chemical Oxygen Demand	mg/L	58	DRY	DRY	DRY	DRY	DRY	DRY	16	DRY	DRY	NC	NC	NC	NC	NC
Chloride	mg/L	2.9	DRY	DRY	DRY	DRY	DRY	DRY	3.0	DRY	DRY	NC	NC	NC	NC	NC
Hydroxide	mg/L	0.70	DRY	DRY	DRY	DRY	DRY	DRY	0.00	DRY	DRY	NC	NC	NC	NC	NC
Nitrate-Nitrogen	mg/L	0.44	DRY	DRY	DRY	DRY	DRY	DRY	0.26	DRY	DRY	NC	NC	NC	NC	NC
Perchlorate	ug/L	0.90	DRY	DRY	DRY	DRY	DRY	DRY	0.95	DRY	DRY	NC	NC	NC	NC	NC
pH	units	8.22	DRY	DRY	DRY	DRY	DRY	DRY	5.07	DRY	DRY	NC	NC	NC	NC	NC
Sulfate	mg/L	27	DRY	DRY	DRY	DRY	DRY	DRY	26	DRY	DRY	NC	NC	NC	NC	NC
Total Alkalinity	mg/L	130	DRY	DRY	DRY	DRY	DRY	DRY	120	DRY	DRY	NC	NC	NC	NC	NC
Total Dissolved Solids	mg/L	190	DRY	DRY	DRY	DRY	DRY	DRY	180	DRY	DRY	NC	NC	NC	NC	NC
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):																
Acetone	ug/L	9.0 ^(d)	DRY	DRY	DRY	DRY	DRY	DRY	4.5	DRY	DRY	NC	NC	NC	NC	NC
EDB AND DCP (EPA 504.1): ND																

*-Dry each quarter since Nov. 2012.

**TABLE 18
HISTORICAL SUMMARY DATA - SURFACE WATER MONITORING STATION SW-2
CALIFORNIA STREET LANDFILL**

ANALYTE	UNITS	Sep 2009	Jan 2010	Feb 2011	May 2011	Nov 2011	Feb 2012	Aug 2012	Nov 2012	Jan* 2013	Nov* 2014	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS																
Dissolved Oxygen	mg/L	6.94	7.24	DRY	DRY	DRY	DRY	DRY	7.28	DRY	DRY	7.24	7.15	0.19	6.94	7.28
ORP	MV	103	128	DRY	DRY	DRY	DRY	DRY	171	DRY	DRY	128	134.00	34.39	103	171
pH	units	7.92	8.06	DRY	DRY	DRY	DRY	DRY	5.83	DRY	DRY	7.92	7.27	1.25	5.83	8.06
Specific Conductance	umho/cm	365	236	DRY	DRY	DRY	DRY	DRY	317	DRY	DRY	317	306.00	65.20	236	365
Temperature	(C°)	35.0	17.3	DRY	DRY	DRY	DRY	DRY	15.6	DRY	DRY	17.3	22.64	10.73	15.63	35
Turbidity	NTU	>900	23.9	DRY	DRY	DRY	DRY	DRY	16.6	DRY	DRY	NC	NC	NC	NC	NC
GENERAL CHEMISTRY																
Bicarbonate	mg/L	210	98	DRY	DRY	DRY	DRY	DRY	120	DRY	DRY	120	142.67	59.34	98	210
Carbon dioxide, dissolved	mg/L	1.8	1.0	DRY	DRY	DRY	DRY	DRY	2.0	DRY	DRY	NC	NC	NC	NC	NC
Carbonate	mg/L	1.2	1.2	DRY	DRY	DRY	DRY	DRY	0.00	DRY	DRY	NC	NC	NC	NC	NC
Chemical Oxygen Demand	mg/L	170	17	DRY	DRY	DRY	DRY	DRY	16	DRY	DRY	NC	NC	NC	NC	NC
Chloride	mg/L	3.2	9.6	DRY	DRY	DRY	DRY	DRY	3.1	DRY	DRY	3.2	5.30	3.72	3.1	9.6
Hydroxide	mg/L	0.70	0.70	DRY	DRY	DRY	DRY	DRY	0.00	DRY	DRY	NC	NC	NC	NC	NC
Nitrate-Nitrogen	mg/L	0.49	5.1	DRY	DRY	DRY	DRY	DRY	0.46	DRY	DRY	0.49	2.02	2.67	0.46	5.1
Perchlorate	ug/L	0.90	0.90	DRY	DRY	DRY	DRY	DRY	0.95	DRY	DRY	NC	NC	NC	NC	NC
pH	units	8.22	8.20	DRY	DRY	DRY	DRY	DRY	5.83	DRY	DRY	8.2	7.42	1.37	5.83	8.22
Sulfate	mg/L	28	10	DRY	DRY	DRY	DRY	DRY	26	DRY	DRY	26	21.33	9.87	10	28
Total Alkalinity	mg/L	170	80	DRY	DRY	DRY	DRY	DRY	120	DRY	DRY	120	123.33	45.09	80	170
Total Dissolved Solids	mg/L	200	170	DRY	DRY	DRY	DRY	DRY	160	DRY	DRY	170	176.67	20.82	160	200
ANIONS and CATIONS																
Anions, total	meq/L	NA	0.57	DRY	DRY	DRY	DRY	DRY	NA	DRY	DRY	NC	NC	NC	NC	NC
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):																
Acetone	ug/L	11 ⁽⁴⁾	4.5	DRY	DRY	DRY	DRY	DRY	4.5	DRY	DRY	NC	NC	NC	NC	NC
EDB AND DCP (EPA 504.1): ND																

*-Dry each quarter since Nov. 2012.

**TABLE 19 (CONT'D)
CALIFORNIA STREET LANDFILL
HISTORICAL SUMMARY DATA - CONDENSATE**

ANALYTE	UNITS	Dec 2015	Nov 2016	MED.	AVG.	STD. DEV.	MIN.	MAX.
FIELD PARAMETERS								
Dissolved Oxygen	mg/L	2.47	5.37	5.05	5.11	2.64	1.82	9.44
ORP		-64	155	81	58	89.09	-64	165
pH	units	5.94	6.44	5.44	5.39	0.69	4.43	6.44
Specific Conductance	µmho/cm	987	1740	1461	1592	725	720	3150
Temperature (C°)		15.42	20.62	20.10	20.67	6.47	12.51	30.07
Turbidity	NTU	1.1	0.8	5	29	75.28	1	230
GENERAL CHEMISTRY								
Bicarbonate	mg/L	NA	NA	600	623	77.67	560	710
Bicarbonate Alkalinity as CaCO3	mg/L	500	570	495	519	283	88	1100
Carbonate Alkalinity as CaCO3	mg/L	4.0	2.0	NC	NC	NC	NC	NC
Chemical Oxygen Demand	mg/L	1300	1600	3600	3300	1124	1300	4400
Chloride	mg/L	7.9	1.9	19	17.8	11.25	2	34
Cyanide (total)	mg/L	0.013	6.4	NC	NC	NC	NC	NC
Fluoride	mg/L	0.25	12	12.00	8.69	7.52	0.08	14.00
Hydroxide	mg/L	NA	NA	NC	NC	NC	NC	NC
Hydroxide Alkalinity as CaCO3	mg/L	4.0	2.0	NC	NC	NC	NC	NC
Nitrate as N	mg/L	0.055	0.10	NC	NC	NC	NC	NC
Nitrate as NO3	mg/L	NA	NA	NC	NC	NC	NC	NC
pH	units	6.11	6.40	6.07	5.64	0.73	4.50	6.40
Phenols	mg/L	2.6	3.4	3.20	3.70	1.18	2.40	5.8
Phosphorus	mg/L	0.025	0.010	0.03	0.04	0.01	0.02	0.057
Specific Conductance	µmhos/cm	1400	1300	1400	1540	797	680	3400
Sulfate as SO4	mg/L	0.42	3.9	1.5	6.13	11.04	0.4	31.0
Sulfide	mg/L	0.051	0.10	0.05	0.08	0.07	0.02	0.19
Total Alkalinity as CaCO3	mg/L	500	460	475	471	316.76	88	1100
Total Anions	meq/l	10	NA	10	9.6	6.67	2	23
Total Cations	meq/l	21	NA	0	11.8	17.22	0.007	38.000
Total Dissolved Solids	mg/L	20	10	22	317	499	11	1100
Total Organic Carbon	mg/L	560	470	1000	1032	363	470	1500
Total Organic Halogens	mg/L	0.047	0.040	0.05	0.06	0.02	0.03	0.088
METALS								
Antimony	mg/L	0.330	0.076	0.110	0.14	0.13	0.0100	0.37
Arsenic	mg/L	0.050	0.022	0.02	0.0	0.02	0.009	0.054
Barium	mg/L	0.00053	0.00050	0.0	0.02	0.02	0.00	0.054
Beryllium	mg/L	0.00025	0.010	NC	NC	NC	NC	NC
Boron	mg/L	0.010	0.0010	NC	NC	NC	NC	NC
Cadmium	mg/L	0.00025	0.00010	NC	NC	NC	NC	NC
Calcium	mg/L	0.070	0.100	0	0	0.28	0	0.83
Chromium (total)	mg/L	0.00050	0.00020	0.00	0.01	0.01	0.0011	0.023
Cobalt	mg/L	0.00050	0.00010	NC	NC	NC	NC	NC
Copper	mg/L	0.00055	0.00050	0.01	0.02	0.02	0.0006	0.05
Iron	mg/L	0.043	0.040	0.1	0.3	0.6	0	1.9
Lead	mg/L	0.00050	0.0010	0.00	0.00	0.01	0.000	0.021
Magnesium	mg/L	0.010	0.100	0	0	0.21	0	0.53
Manganese	mg/L	0.010	0.0050	NC	NC	NC	NC	NC
Mercury	mg/L	0.0001	0.00020	NC	NC	NC	NC	NC
Molybdenum	mg/L	0.00050		NC	NC	NC	NC	NC
Nickel	mg/L	0.00050	0.00080	NC	NC	NC	NC	NC
Potassium	mg/L	0.25	0.10	NC	NC	NC	NC	NC
Selenium	mg/L	0.00050	0.0020	NC	NC	NC	NC	NC
Silver	mg/L	0.00050	0.00020	NC	NC	NC	NC	NC
Sodium	mg/L	0.25	0.50	NC	NC	NC	NC	NC
Thallium	mg/L	0.00050	0.00050	NC	NC	NC	NC	NC
Tin	mg/L	0.005	0.00066	NC	NC	NC	NC	NC
Vanadium	mg/L	0.001	0.0050	NC	NC	NC	NC	NC
Zinc	mg/L	0.0055	0.0050	0.02	0.04	0.05	0.006	0.12
VOLATILE ORGANIC COMPOUNDS (EPA 8260B):								
1,1-Dichloroethane	µg/L	0.50	1.0	NC	NC	NC	NC	NC
1,2,4-Trimethylbenzene	µg/L		13	NC	NC	NC	NC	NC
2-Butanone (MEK)	µg/L	1200	790	1400	1856	1298	630	4000
2-Hexanone	µg/L	26	100	NC	NC	NC	NC	NC
4-Methyl-2-Pentanone (MIBK)	µg/L	110	78	145	185	133	49	450
Acetone	µg/L	2100	1300	1900	1884	717	860	3000
Benzene	µg/L	3.5	1.1	NC	NC	NC	NC	NC
Chlorobenzene	µg/L	4.2	2.1	NC	NC	NC	NC	NC
Chloroform	µg/L	0.25	1.0	NC	NC	NC	NC	NC
cis-1,2-Dichloroethene	µg/L	5.2	1.8	10.00	10.60	7.5	1.80	20.0
Ethylbenzene	µg/L	49	18	47.00	53.00	31.95	18.00	110
Isopropylbenzene	µg/L	6.0	NA	NC	NC	NC	NC	NC
Methyl-tert-butyl Ether (MTBE)	µg/L	5.8	NA	NC	NC	NC	NC	NC
Naphthalene	µg/L	53	50	50	53	21	31	87
n-Butylbenzene	µg/L	0.49		NC	NC	NC	NC	NC
n-Propylbenzene	µg/L	4.3	NA	NC	NC	NC	NC	NC
o-Dichlorobenzene	µg/L	NA	2.0	NC	NC	NC	NC	NC
o-Xylene	µg/L	42	17	37	43	25	17	86
p-Dichlorobenzene	µg/L	NA	20	NC	NC	NC	NC	NC
p + m-Xylene	µg/L	73	27	70	79	46	27	160
sec-Butylbenzene	µg/L	0.61	1.0	NC	NC	NC	NC	NC
Styrene	µg/L	3.4	1.0	8.35	8.5	5.26	3	14
tert-Butyl alcohol (TBA)	µg/L	4400	NA	3750	3625	1646	1600	5400
Toluene	µg/L	51	19	55	76	57	19	180
Trichloroethene	µg/L	0.80	1.0	NC	NC	NC	NC	NC
Vinyl Chloride	µg/L	0.94	1.0	NC	NC	NC	NC	NC
Xylenes [total]	µg/L	120	NA	115	110	38	59	150

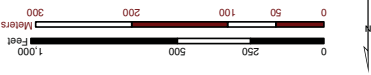
**TABLE 19 (CONT'D)
CALIFORNIA STREET LANDFILL
HISTORICAL SUMMARY DATA - CONDENSATE**

ANALYTE	UNITS	Dec 2015	Nov 2016	MED.	AVG.	STD. DEV.	MIN.	MAX.
SEMI-VOLATILE ORGANIC COMPOUNDS (EPA 8270C):								
2-Methylnaphthalene	µg/L	47	20	NC	NC	NC	NC	NC
2-Methylphenol	µg/L	94	20	NC	NC	NC	NC	NC
2,4-Dimethylphenol	µg/L	94	20	NC	NC	NC	NC	NC
3/4-Methylphenol	µg/L	1600	1900	1670	2404	1843	1200	6500
Acenaphthene	µg/L	19	20	NC	NC	NC	NC	NC
Acetophenone	µg/L	75	20	NC	NC	NC	NC	NC
Benzyl Alcohol	µg/L	190	20	750	682	191	467	830
Bis(2-chloroethoxy)methane	µg/L	95	20	NC	NC	NC	NC	NC
Bis(2-Chloroethyl)ether	µg/L	19	20	NC	NC	NC	NC	NC
Bis(2-ethylhexyl)phthalate	µg/L	190	100	NC	NC	NC	NC	NC
Di-n-butylphthalate	µg/L	94	20	NC	NC	NC	NC	NC
Di-n-octylphthalate	µg/L	190	20	NC	NC	NC	NC	NC
Dibenzofuran	µg/L	19	20	NC	NC	NC	NC	NC
Diethyl phthalate	µg/L	79	37	45.7	72.90	57.22	31.60	190
Dimethyl phthalate	µg/L	23	20	NC	NC	NC	NC	NC
Fluorene	µg/L	19	20	NC	NC	NC	NC	NC
Isophorone	µg/L	47	20	NC	NC	NC	NC	NC
Naphthalene	µg/L	67	27	46.80	52.90	39.52	10.70	140.00
Nitrobenzene	µg/L	47	20	NC	NC	NC	NC	NC
Phenanthrene	µg/L	19	20	NC	NC	NC	NC	NC
Phenol	µg/L	2600	1100	2500	3625	5475	536	18000
EDB AND DCP (EPA 504.1):								
1,2-Dibromo-3-chloropropane	µg/L	0.0029	0.010	0	0.11	0.18	0.00	0.31
ORGANOCHLORINE PESTICIDES and PCBs (EPA 8082): ND								
CHLORINATED HERBICIDES (EPA 8151):								
4-Nitrophenol	µg/L	NA	1.2	NC	NC	NC	NC	NC

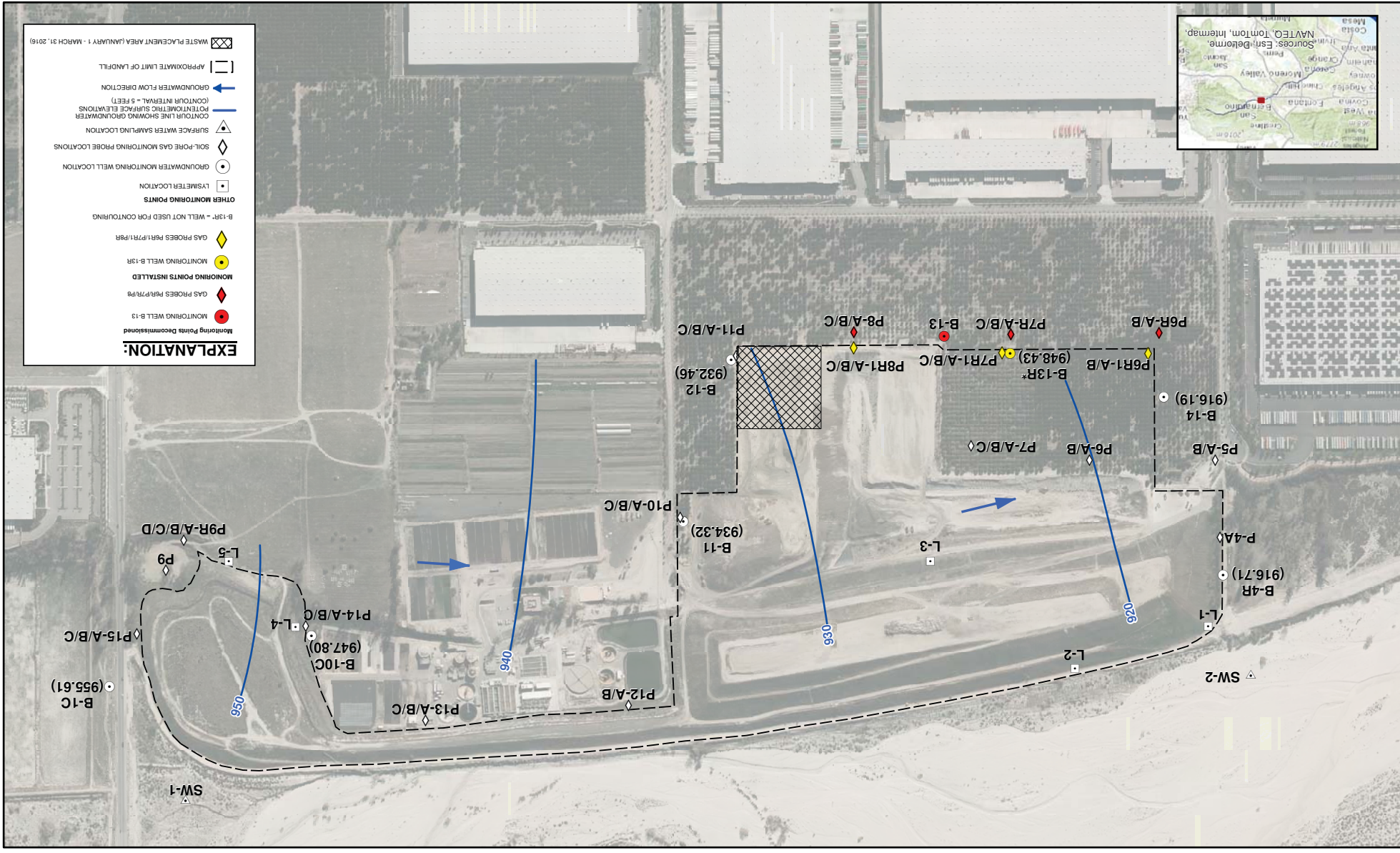
FIGURES

Figure 2

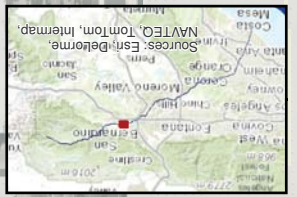
Site Plan - Second Quarter (Spring) 2017
 California Street Landfill - Redlands, California



Geologists, Hydrogeologists, and Engineers
Geo-Logic ASSOCIATES
 2777 East Garfield Road
 Corona, CA 92701
 Phone: 951.258.2282
 Fax: 951.258.1233
 Author: J.D.
 Date: 7/17/2017



- EXPLANATION:**
- MONITORING WELL B-13
 - ◆ GAS PROBES P6R1/P7R1/P8
 - MONITORING WELL B-13R
 - ◆ GAS PROBES P6R1/P7R1/P8R
 - B-13R - WELL NOT USED FOR CONTINUING
 - OTHER MONITORING POINTS**
 - LYSIMETER LOCATION
 - GROUNDWATER MONITORING WELL LOCATION
 - ◇ SOIL-GASE GAS MONITORING PROBE LOCATIONS
 - △ SURFACE WATER SAMPLING LOCATION
 - POTENTIAL SHOWN GROUNDWATER (CONTOUR INTERVAL = 5 FEET)
 - GROUNDWATER FLOW DIRECTION
 - - - APPROXIMATE LIMIT OF LANDFILL
 - ▣ WASTE PLACEMENT AREA (JANUARY - MARCH 31, 2016)



APPENDIX A

FIELD DATA SHEETS AND CERTIFICATES OF ANALYSES

CLIENT NAME: <i>Geo-logic Associates / City of Redlands</i>		PROJECT: <i>7/16.0158 California St.</i>	ANALYSIS REQUESTED <input checked="" type="checkbox"/> VOC's (MOD. EPA 8710) <input checked="" type="checkbox"/> DBCP and EDB (504.1) <input checked="" type="checkbox"/> Chloride, Nitrate-N <input checked="" type="checkbox"/> Sulfate (EPA 9056) <input checked="" type="checkbox"/> TSS (601) (CN) (5220A) <input checked="" type="checkbox"/> Dissolved DO (5250A) (20°C) <input checked="" type="checkbox"/> Bicarbonate, Carbonate <input checked="" type="checkbox"/> Hydroxide and Total <input checked="" type="checkbox"/> Alkalinity (SM 2320B) <input checked="" type="checkbox"/> Deschlorate (314-D)	SPECIAL HANDLING <input type="checkbox"/> Same Day Rush <input type="checkbox"/> 24 Hour Rush <input type="checkbox"/> 48-72 Hour Rush <input type="checkbox"/> 4-5 Day Rush <input type="checkbox"/> Rush Extraction <input type="checkbox"/> 10-15 Business Days <input type="checkbox"/> QA/QC Package
ADDRESS: <i>7777 East Coast Road</i> <i>Ontario, CA 91761</i>		PHONE #: <i>909-626-2222</i>		FAX #: <i>909-626-1233</i>
PROJECT MANAGER: <i>Jesse Orzechwa</i>	SAMPLER: <i>Asst. Mgr.</i>	EMAIL:	P.O. #:	

Additional surcharges will apply for rush requests, weekends & holidays.

ID # (For Lab Use Only)	DATE SAMPLED	TIME SAMPLED	SAMPLE TYPE	SAMPLE IDENTIFICATION/SITE LOCATION	# OF CONT.	ANALYSIS REQUESTED										COMMENTS:	
	5/18/17	0810	GW	B-10C	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	5/18/17	0945		B-1C	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	5/18/17	1110		B-4R	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	5/18/17	1110		B-11	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	5/18/17	1155		B-12	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	5/18/17	0845	↓	B-14	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	5/18/17	-	LAB 140	TRIP BLANK	1	<input checked="" type="checkbox"/>											
	5/18/17	-	LAB 140	FIELD BLANK	3	<input checked="" type="checkbox"/>											
	5/18/17	-	GW	B-Dup.	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

RELINQUISHED BY:		DATE / TIME	RECEIVED BY:	DATE / TIME	SAMPLE CONDITION: Actual Temperature _____ Received on Ice _____ Preserved at Lab _____ Preserved _____ Evidence Seals Present _____ Evidence Seals Intact _____ Container Intact _____ Method of Shipment _____	SAMPLE TYPE CODE: AQ = Aqueous NA = Non Aqueous SL = Sludge DW = Drinking Water WW = Waste Water RW = Rain Water GW = Ground Water SO = Soil SW = Solid Waste OL = Oil OT = Other Matrix		
SIGNATURE	PRINT NAME	<i>5/18/17 1400</i>	SIGNATURE	PRINT NAME			Received on Ice Y / N	Preserved at Lab Y / N
SIGNATURE	PRINT NAME		SIGNATURE	PRINT NAME			Preserved Y / N	Evidence Seals Present Y / N
SIGNATURE	PRINT NAME		SIGNATURE	PRINT NAME			Evidence Seals Intact Y / N	Container Intact Y / N

PRESCHEDULED RUSH ANALYSES WILL TAKE PRIORITY OVER UNSCHEDULED RUSH REQUESTS. CLIENT AGREES TO TERMS AND CONDITIONS (SEE BACK OF THIS FORM OR AT WWW.WECKLABS.COM)



AirTECHNOLOGY
Laboratories, Inc.

18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
Ph: 626-964-4032
Fx: 626-964-5832

CHAIN OF CUSTODY RECORD

TURNAROUND TIME		DELIVERABLES	PAGE: 1 OF 1
Standard <input checked="" type="checkbox"/>	48 hours <input type="checkbox"/>	EDD <input type="checkbox"/>	Condition upon receipt: Sealed Yes <input type="checkbox"/> No <input type="checkbox"/> Intact Yes <input type="checkbox"/> No <input type="checkbox"/> Chilled _____ deg C
Same Day <input type="checkbox"/>	72 hours <input type="checkbox"/>	EDF <input type="checkbox"/>	
24 hours <input type="checkbox"/>	96 hours <input type="checkbox"/>	LEVEL 3 <input type="checkbox"/>	
Other: _____		LEVEL 4 <input type="checkbox"/>	

Project No.: 2016-0138
Project Name: California St. Landfill
Report To: Jesse Orzechowski
Company: Geo-Logic Associates
Street: 2777 E. Guasti Rd.
City/State/Zip: Ontario, CA 91761
Phone & Fax: 909-626-7287
e-mail: _____

BILLING

P.O. No.: _____
Bill to: City of Redlands

ANALYSIS REQUEST

--	--	--	--	--	--	--	--	--	--

LAB USE ONLY	SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	CONTAINER TYPE	ANALYSIS REQUEST				
						17 VOCs	SCAQM	File	1150.1	
	P-4A	5/18/17	0745	GAS	2mm	X				

AUTHORIZATION TO PERFORM WORK	COMPANY	DATE/TIME	COMMENTS
Ken Johnson	Geo-Logic Assoc	5/18/17 11:30 AM	
SAMPLED BY	COMPANY	DATE/TIME	
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
		Heather Sanchez 5-18-17 11:30	
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
RELINQUISHED BY	DATE/TIME	RECEIVED BY	
METHOD OF TRANSPORT (circle one): Walk-In FedEx UPS Courier ATLI Other _____			

CLIENT NAME: <i>Geo-Logic Associates/City of Redlands</i>			PROJECT: <i>2016-0159</i> <i>2013-0177</i>			ANALYSIS REQUESTED			SPECIAL HANDLING <input type="checkbox"/> Same Day Rush <input type="checkbox"/> 24 Hour Rush <input type="checkbox"/> 48-72 Hour Rush <input type="checkbox"/> 4-5 Day Rush <input type="checkbox"/> Rush Extraction <input checked="" type="checkbox"/> 10-15 Business Days <input type="checkbox"/> QA/QC Package <small>Additional surcharges will apply for rush requests, weekends & holidays.</small>								
ADDRESS: <i>2777 East Grand Road, Suite 1</i> <i>Ontario, CA 91761</i>			PHONE #: <i>909-626-3382</i>			<i>Sample (2016)</i>						COMMENTS: <i>Leak and cost</i> <i>sample - sample</i> <i>little for pyrolysis</i> <i>100 lab - sample</i> <i>little when - available</i> <i>was used</i>					
PROJECT MANAGER: <i>Jesse Creech</i>			SAMPLER: <i>Primo</i>						FAX #: <i>909-626-1233</i>						EMAIL:		
P.O. #:																	
ID # (For Lab Use Only)	DATE SAMPLED	TIME SAMPLED	SAMPLE TYPE	SAMPLE IDENTIFICATION/SITE LOCATION	# OF CONT.												
	<i>5-18-17</i>	<i>12:20</i>	<i>Leak</i>	<i>Phase II Sump</i>	<i>1</i>	<i>X</i>											
RELINQUISHED BY:			DATE / TIME	RECEIVED BY:		DATE / TIME	SAMPLE CONDITION:			SAMPLE TYPE CODE:							
SIGNATURE		PRINT NAME			SIGNATURE		PRINT NAME		Actual Temperature								
<i>[Signature]</i>		<i>[Name]</i>		<i>5-18-17</i>	<i>[Signature]</i>		<i>[Name]</i>		Received on Ice			Y / N					
<i>[Signature]</i>		<i>[Name]</i>		<i>12:20</i>	<i>[Signature]</i>		<i>[Name]</i>		Preserved at Lab			Y / N					
<i>[Signature]</i>		<i>[Name]</i>			<i>[Signature]</i>		<i>[Name]</i>		Preserved			Y / N					
<i>[Signature]</i>		<i>[Name]</i>			<i>[Signature]</i>		<i>[Name]</i>		Evidence Seals Present			Y / N					
<i>[Signature]</i>		<i>[Name]</i>			<i>[Signature]</i>		<i>[Name]</i>		Evidence Seals Intact			Y / N					
<i>[Signature]</i>		<i>[Name]</i>			<i>[Signature]</i>		<i>[Name]</i>		Container Intact			Y / N					
<i>[Signature]</i>		<i>[Name]</i>			<i>[Signature]</i>		<i>[Name]</i>		Method of Shipment _____								
PRESCHEDULED RUSH ANALYSES WILL TAKE PRIORITY OVER UNSCHEDULED RUSH REQUESTS. CLIENT AGREES TO TERMS AND CONDITIONS (SEE BACK OF THIS FORM OR AT WWW.WECKLABS.COM)					SPECIAL REQUIREMENTS/BILLING INFORMATION												

Geo-Logic

ASSOCIATES

Geologists, Hydrogeologists, and Engineers

GROUNDWATER MONITORING PROGRAM WATER LEVEL SURVEY RECORD SHEET

Site California St

Project No.: 2016.0158

Date 5/18/17

Field Personnel A. Shaw, M. Campbell, N. Reason, B. Salinas

WELL I.D.	CONSTRUCTED TOTAL DEPTH (TD)	ACTUAL TOTAL DEPTH (TD)	DEPTH TO WATER (DTW)	COMMENTS
B-1C			230.73	
B-4R			210.22	
B-10C			227.51	
B-11			245.61	
B-12			247.42	
B-13R			214.39	
B-14			238.71	

REMARKS:

Name: Nicholas Reason

Signature: 

GROUNDWATER MONITORING PROGRAM
CONDENSATE WATER DATA SHEET

Site Name: California St.

Project No.: 2016.0158

Station I.D.: Condensate

Sampling Date: 5.18.17

Collected By: AS

Sampling Time: 1215

Horiba Model S/N: U-52/RN6TASKW

Duplicate Sample: YES NO

COLOR	ODOR	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
clear	Strong	7.32	0.833	8.9	5.00	30.26	121

Condensate sampling station conditions: Collected sample from discharge hose - Non-routine sampling for PFAS analysis

* QCAB - Condensate taken @ 1210

Additional Info/Comments: Sunny, Warm

Name: A. Shaw

Signature: AS

**GROUNDWATER MONITORING PROGRAM
 LEACHATE DATA SHEET**

Site: Cal. Sp.

Project No.: 2016.0138

Station I.D.: Phase 1 sump

Sampling Date: 5-18-17

Collected By: BS

Sampling Time: NA

Horiba Model S/N: NA

Duplicate Sample: YES NO

COLOR	ODOR	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
			NA				

Leachate sampling station conditions: not able to collect the PFAS samples due to system being off line.

Additional Info/Comments: Sunny + cool

Name: B. Salinas

Signature: [Signature]

**GROUNDWATER MONITORING PROGRAM
LEACHATE DATA SHEET**

Site: Coal. Sp.

Project No.: 2016-058

Station I.D.: Phase # Sump

Sampling Date: 5/18/17

Collected By: BS, ME

Sampling Time: 1220

Horiba Model S/N: RFS5294H

Duplicate Sample: YES NO

COLOR	ODOR	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
brwnish	yes	8.04	6.87	141	6.74	28.36	224

Leachate sampling station conditions: Samples collected @ 1" discharge hose. PPTS sample anal (cyanide refer).

Had to trouble shoot the LEIS system to collect the samples, Poured off line.
QFAB: Sample time: 1215

Additional Info/Comments: Sunny, cool

* NOTE: The lab did not provide a samp. cart. for cyanide so I used a BC labs cyanide bottle w/ preservative.

Name: B. Salinas

Signature: B. Salinas

Geo-Logic

ASSOCIATES

Geologists, Hydrogeologists, and Engineers

GROUNDWATER MONITORING PROGRAM SURFACE WATER DATA SHEET

Site Name: California St.

Project No.: 2016.0158

Station I.D.: SW-1 & SW-2

Sampling Date: 5.18.17

Collected By: AS

Sampling Time: _____

Horiba Model S/N: /

Duplicate Sample: YES NO

COLOR	ODOR	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
_____	_____	_____	<u>N/A</u>	_____	_____	_____	_____

Surface water conditions (including stream flow rate, stream depth): Surface water sampling Stations SW-1 and SW-2 are dry at this time - No samples collected.

Additional Info/Comments: Sound, clear

Name: A. Shaw Signature: AS

SOIL-PORE GAS PROBE MONITORING FORM

Site Name: Cell. ST. 4/F
 Weather: Sunny, cool
 Instrument No.: GEM2000

Project No.: 2016.0158
 Date: 5-18-17
 Time: 0728
 Field Personnel: R. J. King

Probe ID	Time	Probe Depth (Feet)	Probe Diameter (inches)	Probe Diameter (inches)	1 Purge Volume (Liters)	CH ₄	CO ₂	O ₂	N ₂
P-4A	0745	170	1	—	77.0	0	3.0	16.4	80.6

Notes: * summer canister sample collected. 0731 (0745) (-29) starts
 samp. time (+5) end

- For 1-inch probes, multiply probe depth by 0.15 to get one well volume (Liters).
 For 2-inch probes, multiply probe depth by 0.62 to get one well volume (Liters).
- Begin taking readings following evacuation of one probe volume, record stabilized values.

CALIBRATION Instrument No.: GEM11667

Instrument Name/Model	Serial No.	Gas Standard Used	Pre-Sampling Initial Meter Reading	Calibrated Meter Reading	Cal-Check Meter Reading	Post-Sampling Final Meter Reading	Sampler Filter Replaced? (Y/N)
GEM 2000		15% CH4/B-NIT.	14.9	15.0	15.0		
		15% CO2/B-NIT.	14.7	15.0	15.1		
		4% O2/B-NIT.	4.5	4.0	4.0		

**GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET**

Site Name.:	<u>CALIFORNIA ST</u>	Project No.:	<u>2016.0158</u>
Well I.D.:	<u>B-1C</u>	Sampling Date:	<u>5-18-17</u>
Collected By:	<u>NR</u>	Purge start Time:	<u>/</u>
Casing Diameter (inches):	<u>4</u>	Purge Stop time:	<u>/</u>
Starting Water Level:	<u>230.73</u>	Sampling Time:	<u>0945</u>
Total Depth (feet):	<u>320.00</u>	Ending Water Level (feet):	<u>/</u>
Water column (feet):	<u>89.27</u>	Total Purged (gallons):	<u>/</u>
Screen Length (feet):	<u>136 - 320</u>	PID/FID Reading:	<u>/</u>
Purge Volume (gallons):	<u>Hydrasleeve</u>	Duplicate Sample:	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Horiba Model S/N:	<u>U-52/DLKYV06</u>		

GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
Hydrasleeve	—	7.66	1.07	43.9	5.54	21.61	93

Purge Sampling Rates: Sample collected from preset hydrasleeve. Deployed separate hydrasleeve at 274' for special PFAS sample.

Well condition: OK, water slightly brown in color with no odor. *QCAB at 1020
*PFAS at 1025

-Sleeve reset at 274'

Additional Info/Comments: Sunny, clear, mild temp. Moderate to heavy traffic next to well

Nicholas Reason

GROUNDWATER MONITORING PROGRAM WELL DATA SHEET

Site Name: California St. Project No.: 2016.015-8
 Well I.D.: B-4R Sampling Date: 5.18.17
 Collected By: AS Purge start Time: 1026
 Casing Diameter (inches): 4 Purge Stop time: 1102
 Starting Water Level: 210.22 Sampling (Well Recovery) Time: 1110
 Total Depth (feet): 259.00 Ending Water Level (feet): 210.26
 Water column (feet): 48.78 Total Purged (gallons): 3.0+
 Screen Length (feet): - Duplicate Sample: YES NO
 Sample Method: Micro Purge Low Flow
 Horiba Model S/N: U-52 (RN6) JSKW

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
1038	1.00	210.26	8.19	0.831	0.0	4.53	22.32	198
1044	1.50	"	8.09	0.821	0.0	4.43	22.29	214
1050	2.00	"	8.11	0.822	0.0	4.31	22.24	218
1053	2.25	"	8.10	0.819	0.0	4.30	22.19	224
1056	2.50	"	8.11	0.815	0.0	4.24	22.19	226
1059	2.75	"	8.10	0.817	0.0	4.30	22.20	228
1102	3.00	"	8.11	0.818	0.0	4.31	22.19	233

Purge Sampling Rates: 115 PSI; Refill (40.0), Discharge (17.0).
 Purge water is clear w/ no odor. QCAB taken here.

Well condition O.K.

Additional Info/Comments: Sunny, Warm
 * Also conducted non-routine sampling for PFAS analysis - QCAB - B-4R taken @ 1105.

Name: A. Shaw

Signature: [Signature]

**GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET**

Site Name.:	<u>CALIFORNIA ST</u>	Project No.:	<u>2016.0158</u>
Well I.D.:	<u>B-10C</u>	Sampling Date:	<u>5-18-17</u>
Collected By:	<u>NR</u>	Purge start Time:	<u>/</u>
Casing Diameter (inches):	<u>4</u>	Purge Stop time:	<u>/</u>
Starting Water Level:	<u>227.51</u>	Sampling Time:	<u>0810</u>
Total Depth (feet):	<u>302.70</u>	Ending Water Level (feet):	<u>/</u>
Water column (feet):	<u>75.19</u>	Total Purged (gallons):	<u>/</u>
Screen Length (feet):	<u>150-300</u>	PID/FID Reading:	<u>N/A</u>
Purge Volume (gallons):	<u>HYDRASLEEVE</u>	Duplicate Sample:	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Horiba Model S/N:	<u>U-52/DLCTV06</u>		

GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
Hydrasleeve	-	7.32	1.44	0.4	2.18	21.09	249

Purge Sampling Rates: Sample collected from preset hydrasleeve. Deployed separate hydrasleeve at 263' for special PFAS sample.

Well condition: OK, water clear with no odor. QCAB at 0845
PFAS at 0850

-Sleeve set at 263'
Additional Info/Comments: Sunny, clear, mild temp

Nicholas Reason [Signature]

**GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET**

Site Name.: CALIFORNIA ST
 Well I.D.: B-11
 Collected By: NR, MC
 Casing Diameter (inches): 4
 Starting Water Level: 245.61
 Total Depth (feet): 309.00
 Water column (feet): 63.39
 Screen Length (feet): -
 Purge Volume (gallons): Hydrasleeve
 Horiba Model S/N: U-52/DL4V06

Project No.: 2016.0158
 Sampling Date: 5-18-17
 Purge start Time: /
 Purge Stop time: /
 Sampling Time: 11:0
 Ending Water Level (feet): /
 Total Purged (gallons): /
 PID/FID Reading: /
 Duplicate Sample: YES NO

GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
Hydrasleeve	-	7.96	1.23	452	2.26	21.61	114

Purge Sampling Rates: Sample collected from preset Hydrasleeve

Well condition: OK, water is brown in color with no odor

Additional Info/Comments: Sunny, clear, warm

Nicholas Reason [Signature]

**GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET**

Site Name.:	<u>CALIFORNIA ST.</u>	Project No.:	<u>2016-0158</u>
Well I.D.:	<u>B-12</u>	Sampling Date:	<u>5-18-17</u>
Collected By:	<u>NR, MC</u>	Purge start Time:	<u>/</u>
Casing Diameter (inches):	<u>4</u>	Purge Stop time:	<u>/</u>
Starting Water Level:	<u>247.42</u>	Sampling Time:	<u>1155</u>
Total Depth (feet):	<u>289.35</u>	Ending Water Level (feet):	<u>/</u>
Water column (feet):	<u>41.93</u>	Total Purged (gallons):	<u>/</u>
Screen Length (feet):	<u>-</u>	PID/FID Reading:	<u>/</u>
Purge Volume (gallons):	<u>HYDRASLEEVE</u>	Duplicate Sample:	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Horiba Model S/N:	<u>U-52/DLUCV06</u>		

GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
Hydrasleeve	—	8.29	0.966	51.4	5.44	21.49	97

Purge Sampling Rates: Sample collected from preset Hydrasleeve

Well condition: OK, water has slight brown color and no odor

Additional Info/Comments: Sunny, clear, warm

Nicholas Pearson [Signature]

**GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET**

Site Name.: California St. Project No.: 2016.0158
 Well I.D.: B-13R Sampling Date: 5.18.17
 Collected By: AS Purge start Time: _____
 Casing Diameter (inches): 4 Purge Stop time: _____
 Starting Water Level: 214.39 Sampling Time: _____
 Total Depth (feet): 214.55 Ending Water Level (feet): _____
 Water column (feet): 0.16 Total Purged (gallons): _____
 Screen Length (feet): _____ PID/FID Reading: _____
 Purge Volume (gallons): _____ Duplicate Sample: YES NO
 Horiba Model S/N: _____

GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV

*Insufficient Water
Not Sampled*

Purge Sampling Rates: Insufficient Water - Not Sampled WC = 0.16'

Well condition O.K. - Had to locate + dig to expose flush point. Covered from recent road grading.

Additional Info/Comments: Sunny, Warm
A. Shaw / ac. sh

GROUNDWATER MONITORING PROGRAM WELL DATA SHEET

Site Name: <u>California St.</u>	Project No.: <u>2016.0158</u>
Well I.D.: <u>B-14</u>	Sampling Date: <u>5.18.17</u>
Collected By: <u>AS</u>	Purge start Time: <u>0805</u>
Casing Diameter (inches): <u>4</u>	Purge Stop time: <u>0838</u>
Starting Water Level: <u>238.71</u>	Sampling (Well Recovery) Time: <u>0845</u>
Total Depth (feet): <u>295.32</u>	Ending Water Level (feet): <u>238.75</u>
Water column (feet): <u>56.61</u>	Total Purged (gallons): <u>3.04</u>
Screen Length (feet): <u>-</u>	Duplicate Sample: <input checked="" type="radio"/> YES <input type="radio"/> NO
Sample Method: <u>Micro Purge</u> Low Flow	<u>* B-Dup. collected</u>
Horiba Model S/N: <u>U-52/RN6JDSKW</u>	

TIME	GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
0816	1.00	238.75	8.24	0.815	18.7	5.56	17.92	305
0821	1.50	"	8.28	0.807	7.2	5.76	17.99	295
0827	2.00	"	8.30	0.803	8.2	5.77	17.99	289
0829	2.25	"	8.31	0.803	9.2	5.78	17.99	288
0832	2.50	"	8.32	0.802	8.9	5.75	18.01	286
0835	2.75	"	8.33	0.800	8.6	5.72	17.99	284
0838	3.00	"	8.31	0.800	8.1	5.71	18.01	287

Purge Sampling Rates: 150 PSI ; Refill (40.0) Discharge (20.0)
Purge water is visually clear w/ no odor

Well condition: OK

Additional Info/Comments: Mostly Sunny, Mild

Name: A. Shaw

Signature: [Signature]

LYSIMETER MONITORING
FIELD DATA SHEET

DATE: 5-17-17
FIELD PERSONNEL: RS

SITE: Cal SP

Lysimeter I.D. L-1

Monitored By: Dr. Salinas

VACCUM APPLIED

Date: 5-17-17
Time: 12:11
Vaccum (cbar): 5
Gypsum Block Reading: N/A

SAMPLE COLLECTION

Date: /
Time: /
Residual Vaccum (cbar): /
Gypsum Block Reading: /

Sample Collected: Yes / No

COMMENTS: Lysimeter IS damaged, not able
to charge.
Found buried and hard to dig it out.

Bert Salinas

LYSIMETER MONITORING FIELD DATA SHEET

DATE: 5-17-17
FIELD PERSONNEL: P.S.

SITE: Cal. Str.

Lysimeter I.D. L-3

Monitored By: P. Salinas

VACCUM APPLIED

Date: 5-17-17
Time: 1356
Vaccum (cbar): -33
Gypsum Block Reading: N/A

SAMPLE COLLECTION

Date: 5-18-17
Time: 1007
Residual Vaccum (cbar): -33
Gypsum Block Reading: N/A

Sample Collected: Yes / No

COMMENTS: buried and had to clear it out.
No samples collected. The lysimeter is dry.

Ben Delus

Geo-Logic ASSOCIATES

Geologists, Hydrogeologists, and Engineers

LYSIMETER MONITORING FIELD DATA SHEET

DATE: 5-17-17
FIELD PERSONNEL: B.S.

SITE: Carl. St.

Lysimeter I.D. L-4

Monitored By: B. Salinas

VACCUM APPLIED

Date: 5-17-17
Time: 1208
Vaccum (cbar): 5
Gypsum Block Reading: NA

SAMPLE COLLECTION

Date: 5-18-17
Time: 0916
Residual Vaccum (cbar): 5
Gypsum Block Reading: NA

Sample Collected: Yes / No

COMMENTS: Drx. does not hold vacuum.

* Pump failed, had to dig it out. Spend extra
time.

Drx lysimeter, no samples collected.

But Salinas

Geo-Logic ASSOCIATES

Geologists, Hydrogeologists, and Engineers

LYSIMETER MONITORING FIELD DATA SHEET

DATE: 5-17-17
FIELD PERSONNEL: MS

SITE: Cal. St.

Lysimeter I.D.: L-5

Monitored By: B. Sakony

VACCUM APPLIED

Date: 5-17-17
Time: 1242
Vaccum (cbar): -59
Gypsum Block Reading: N/A

SAMPLE COLLECTION

Date: 5-18-17
Time: 0953
Residual Vaccum (cbar): -18
Gypsum Block Reading: N/A

Sample Collected: Yes / No

COMMENTS: cleaned out dry grass

lysimeter is dry, no samples were collected.

Bert Baker

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) Cal. ST

PROJECT NAME / NUMBER 2016-0158

Instrument Make/Model # <u>R875494H</u>						
Date/Time <u>3-18-17</u> <u>0756</u>	pH <u>(4.01)</u>	Electrical Conductivity (μ Mhos/cm) <u>(4.49 mg/Kg)</u>	Turbidity (NTU) <u>(0)</u>	DO (mg/L or %) <u>(8.59)</u>	Guidance Remarks	Comments
Pre. Cal	<u>4.37</u>	<u>4.46</u>	<u>1.0</u>	<u>11.72</u>		
Calibration	<u>4.00</u>	<u>4.49</u>	<u>2</u>	<u>8.63</u>		
Calibration Successful? (Y/N)	<u>Yes</u>	—————→			enter YES or NO	
Satisfies Protocol?	<u>Yes</u>	—————→			Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	<u>[Signature]</u>				Signature or initials	
Physical Condition of Unit			<u>Good</u>			


FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) Calif. St. PROJECT NAME / NUMBER 2016.0158

Instrument Make/Model # <u>Horiba U-52</u> <u>S/N RN6JDSKW</u>						
Date/Time	pH	Electrical Conductivity (µMhos/cm)	Turbidity (NTU)	DO (mg/L or %)	Guidance Remarks	Comments
<u>5.18.17</u> <u>0728</u>						
Pre. Cal	<u>3.99</u>	<u>4.56</u>	<u>0.0</u>	<u>10.38</u>		
Calibration	<u>4.00</u>	<u>4.49</u>	<u>0.0</u>	<u>10.89</u>		
Calibration Successful? (Y/N)	<u>Y</u>	<u>—————</u>			enter YES or NO	
Satisfies Protocol?	<u>Y</u>	<u>—————</u>			Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	<u>AS</u>				Signature or initials	<u>ac. sk</u>
Physical Condition of Unit		<u>—————</u> <u>→ Good</u>				

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/Facility Name) CALIFORNIA ST PROJECT NAME / NUMBER 2016.0158

Instrument Make/Model # <u>HORIBA U-52</u> <u>(DUCYV06)</u>						
Date/Time <u>5-18-17</u> <u>0745</u>	pH	Electrical Conductivity (µMhos/cm)	Turbidity (NTU)	DO (mg/L or %)	Guidance Remarks	Comments
Pre. Cal	<u>4.05</u>	<u>4.48</u>	<u>0.1</u>	<u>10.65</u>		
Calibration	<u>4.00</u>	<u>4.50</u>	<u>0.0</u>	<u>9.42</u>		
Calibration Successful? (Y/N)	<u>Y</u>	<hr/>			enter YES or NO	
Satisfies Protocol?	<u>Y</u>	<hr/>			Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	<u>NR</u>	<hr/>			Signature or initials	
Physical Condition of Unit			<u>Good</u>			

Work Orders: 7E18057

Report Date: 6/09/2017

Project: 2016-0158, 2013-0177

Received Date: 5/18/2017

Turnaround Time: Normal

Phones: (909) 335-4701

Fax: (909) 793-0127

P.O. #: PO12951

Attn: Tricia Swope

Billing Code:

Client: City of Redlands
P.O. Box 3005
Redlands, CA 92373

DoD-ELAP #L2457 • ELAP-CA #1132 • EPA-UCMR #CA00211 • HW-DOH # • ISO 17025 #L2457.01 • LACSD #10143 • NELAP-CA #04229CA • NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

Dear Tricia Swope,

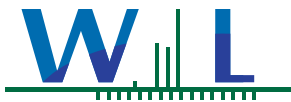
Enclosed are the results of analyses for samples received 5/18/17 with the Chain-of-Custody document. The samples were received in good condition, at 1.3 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:



Chris Samatmanakit
Project Manager





WECK LABORATORIES, INC.

City of Redlands
P.O. Box 3005
Redlands, CA 92373

Project Number: 2016-0158, 2013-0177

Project Manager: Tricia Swope

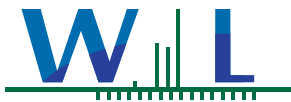
Certificate of Analysis

FINAL REPORT

Reported:
06/09/2017 11:50

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
Phase II Sump	BS, MC, NR	7E18057-01	Water	05/18/17 12:20	



WECK LABORATORIES, INC.

City of Redlands
P.O. Box 3005
Redlands, CA 92373

Project Number: 2016-0158, 2013-0177

Project Manager: Tricia Swope

Certificate of Analysis

FINAL REPORT

Reported:
06/09/2017 11:50

Sample Results

Sample: Phase II Sump
7E18057-01 (Water) Sampled: 05/18/17 12:20 by BS, MC, NR

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods							
Method: ASTM D7511	Batch ID: W7E1258	Prepared: 05/22/17 10:44		Analyst: mnq			
Cyanide, Total	11	2.4	10	ug/l	5	05/24/17 18:32	



WECK LABORATORIES, INC.

City of Redlands
P.O. Box 3005
Redlands, CA 92373

Certificate of Analysis

FINAL REPORT

Project Number: 2016-0158, 2013-0177

Reported:

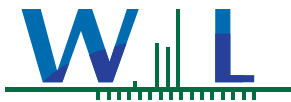
06/09/2017 11:50

Project Manager: Tricia Swope

Quality Control Results

Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1258 - ASTM D7511										
Blank (W7E1258-BLK1)										
Cyanide, Total	ND	0.48	ug/l							
				Prepared: 05/22/17 Analyzed: 05/24/17						
LCS (W7E1258-BS1)										
Cyanide, Total	48.9	0.48	ug/l	50.0		98	84-116			
				Prepared: 05/22/17 Analyzed: 05/24/17						
Matrix Spike (W7E1258-MS1)										
Cyanide, Total	49.3	0.48	ug/l	50.0	0.551	97	64-136			
				Prepared: 05/22/17 Analyzed: 05/24/17						
Matrix Spike (W7E1258-MS2)										
Cyanide, Total	48.6	0.48	ug/l	50.0	0.579	96	64-136			
				Prepared: 05/22/17 Analyzed: 05/24/17						
Matrix Spike Dup (W7E1258-MSD1)										
Cyanide, Total	50.6	0.48	ug/l	50.0	0.551	100	64-136	3	47	
				Prepared: 05/22/17 Analyzed: 05/24/17						
Matrix Spike Dup (W7E1258-MSD2)										
Cyanide, Total	47.3	0.48	ug/l	50.0	0.579	93	64-136	3	47	



WECK LABORATORIES, INC.

City of Redlands
P.O. Box 3005
Redlands, CA 92373

Project Number: 2016-0158, 2013-0177

Project Manager: Tricia Swope

Certificate of Analysis

FINAL REPORT

Reported:
06/09/2017 11:50

Notes and Definitions

Item	Definition
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

Work Orders: 7E18058

Report Date: 6/09/2017

Project: 2016-0158 California St.

Received Date: 5/18/2017

Turnaround Time: Normal

Phones: (909) 626-2282

Fax: (909) 793-0127

P.O. #: P012951

Attn: Jesse Orechwa

Billing Code:

Client: City of Redlands
1950 Nevada St.
Redlands, CA 92373

DoD-ELAP #L2457 • ELAP-CA #1132 • EPA-UCMR #CA00211 • HW-DOH # • ISO 17025 #L2457.01 • LACSD #10143 • NELAP-CA #04229CA • NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

Dear Jesse Orechwa,

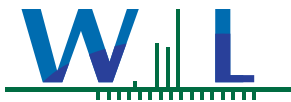
Enclosed are the results of analyses for samples received 5/18/17 with the Chain-of-Custody document. The samples were received in good condition, at 1.3 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:



Chris Samatmanakit
Project Manager





WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

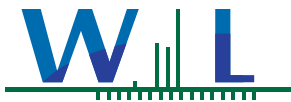
Reported:
06/09/2017 11:44

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
B-10C	BS, AS, MC, NR	7E18058-01	Water	05/18/17 08:10	
B-1C	BS, AS, MC, NR	7E18058-02	Water	05/18/17 09:45	
B-4R	BS, AS, MC, NR	7E18058-03	Water	05/18/17 11:10	
B-11	BS, AS, MC, NR	7E18058-04	Water	05/18/17 11:10	
B-12	BS, AS, MC, NR	7E18058-05	Water	05/18/17 11:55	
B-14	BS, AS, MC, NR	7E18058-06	Water	05/18/17 08:45	
Trip Blank	BS, AS, MC, NR	7E18058-07	Water	05/18/17 00:00	
Field Blank	BS, AS, MC, NR	7E18058-08	Water	05/18/17 00:00	
B-DUP	BS, AS, MC, NR	7E18058-09	Water	05/18/17 00:00	

Not Certified Analyses Summary

Analyte	CAS #	Not Accredited By
SM 4500CO2-C in Water		
Carbon dioxide, free	124-38-9	NELAP



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

Project Manager: Jesse Orechwa

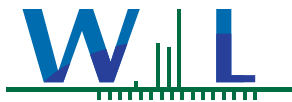
Sample Results

Sample: B-10C
7E18058-01 (Water) Sampled: 05/18/17 8:10 by BS, AS, MC, NR

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0							
Method: EPA 300.0		Batch ID: W7E1175		Prepared: 05/19/17 10:43		Analyst: jan	
Nitrate as N	10000	40	230	ug/l	2	05/19/17 18:17	
Method: EPA 300.0		Batch ID: W7E1708		Prepared: 05/30/17 14:41		Analyst: jan	
Chloride, Total	140	0.50	2.5	mg/l	5	05/30/17 15:48	
Sulfate as SO4	55	0.50	2.5	mg/l	5	05/30/17 15:48	
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods							
Method: EPA 410.4		Batch ID: W7E1536		Prepared: 05/25/17 11:59		Analyst: mnq	
Chemical Oxygen Demand	11	0.73	5.0	mg/l	1	05/26/17 20:03	
Method: SM 2320B		Batch ID: W7E1171		Prepared: 05/19/17 09:47		Analyst: dmn	
Alkalinity as CaCO3	200	0.56	10	mg/l	1	05/19/17 13:29	
Bicarbonate Alkalinity as HCO3	240	0.56	10	mg/l	1	05/19/17 13:29	
Carbonate Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Hydroxide Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Method: SM 2540C		Batch ID: W7E1260		Prepared: 05/22/17 10:55		Analyst: stg	
Total Dissolved Solids	600	4.0	10	mg/l	1	05/22/17 14:02	
Method: SM 4500CO2-C		Batch ID: W7E1149		Prepared: 05/18/17 17:39		Analyst: mbc	
Carbon dioxide, free	5.80		2.00	mg/l	1	05/18/17 18:41	
Fumigants by EPA Method 504.1							
Method: EPA 504.1		Batch ID: W7E1426		Prepared: 05/24/17 16:24		Analyst: cam	
1,2-Dibromo-3-chloropropane	ND	0.0034	0.010	ug/l	1	05/24/17 23:53	
1,2-Dibromoethane (EDB)	ND	0.0054	0.020	ug/l	1	05/24/17 23:53	
Perchlorate by EPA 314.0							
Method: EPA 314.0		Batch ID: W7E1770		Prepared: 05/31/17 12:30		Analyst: blg	
Perchlorate	ND	0.95	2.0	ug/l	1	05/31/17 23:35	
Volatile Organic Compounds by EPA Method 8260B							
Method: EPA 8260B		Batch ID: W7E1490		Prepared: 05/24/17 16:19		Analyst: rhr	
1,1,1,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 21:47	
1,1,1-Trichloroethane	ND	0.39	1.0	ug/l	1	05/24/17 21:47	
1,1,2,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 21:47	
1,1,2-Trichloroethane	ND	0.29	1.0	ug/l	1	05/24/17 21:47	
1,1-Dichloroethane	ND	0.32	1.0	ug/l	1	05/24/17 21:47	
1,1-Dichloroethene	ND	0.34	1.0	ug/l	1	05/24/17 21:47	
1,1-Dichloropropene	ND	0.30	1.0	ug/l	1	05/24/17 21:47	
1,2,3-Trichlorobenzene	ND	0.27	1.0	ug/l	1	05/24/17 21:47	
1,2,3-Trichloropropane	ND	0.36	1.0	ug/l	1	05/24/17 21:47	
1,2,4-Trichlorobenzene	ND	0.31	1.0	ug/l	1	05/24/17 21:47	
1,2,4-Trimethylbenzene	ND	0.26	1.0	ug/l	1	05/24/17 21:47	
1,2-Dibromo-3-chloropropane	ND	0.35	1.0	ug/l	1	05/24/17 21:47	

7E18058

Page 3 of 48



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

FINAL REPORT

Reported:

06/09/2017 11:44

Sample Results

(Continued)

Sample: B-10C

Sampled: 05/18/17 8:10 by BS, AS, MC, NR

7E18058-01 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
1,2-Dibromoethane (EDB)	ND	0.30	1.0	ug/l	1	05/24/17 21:47	
1,2-Dichloroethane	ND	0.28	1.0	ug/l	1	05/24/17 21:47	
1,2-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 21:47	
1,3,5-Trimethylbenzene	ND	0.24	1.0	ug/l	1	05/24/17 21:47	
1,3-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 21:47	
1,3-Dichloropropene, Total	ND	0.51	1.0	ug/l	1	05/24/17 21:47	
2,2-Dichloropropane	ND	0.43	1.0	ug/l	1	05/24/17 21:47	
2-Butanone	ND	0.47	5.0	ug/l	1	05/24/17 21:47	
2-Chloroethyl vinyl ether	ND	0.29	5.0	ug/l	1	05/24/17 21:47	
2-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 21:47	
2-Hexanone	ND	0.48	5.0	ug/l	1	05/24/17 21:47	
4-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 21:47	
4-Methyl-2-pentanone	ND	0.52	5.0	ug/l	1	05/24/17 21:47	
Acetone	ND	0.79	5.0	ug/l	1	05/24/17 21:47	
Acrolein	ND	0.44	5.0	ug/l	1	05/24/17 21:47	
Acrylonitrile	ND	0.27	5.0	ug/l	1	05/24/17 21:47	
Benzene	ND	0.30	1.0	ug/l	1	05/24/17 21:47	
Bromobenzene	ND	0.43	1.0	ug/l	1	05/24/17 21:47	
Bromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 21:47	
Bromodichloromethane	1.2	0.32	1.0	ug/l	1	05/24/17 21:47	
Bromoform	ND	0.23	1.0	ug/l	1	05/24/17 21:47	
Bromomethane	ND	0.12	1.0	ug/l	1	05/24/17 21:47	
Carbon Disulfide	ND	1.0	1.0	ug/l	1	05/24/17 21:47	
Carbon tetrachloride	ND	0.32	1.0	ug/l	1	05/24/17 21:47	
Chlorobenzene	ND	0.46	1.0	ug/l	1	05/24/17 21:47	
Chloroethane	ND	0.21	1.0	ug/l	1	05/24/17 21:47	
Chloroform	8.9	0.31	1.0	ug/l	1	05/24/17 21:47	
Chloromethane	ND	0.27	1.0	ug/l	1	05/24/17 21:47	
cis-1,2-Dichloroethene	ND	0.36	1.0	ug/l	1	05/24/17 21:47	
cis-1,3-Dichloropropene	ND	0.25	1.0	ug/l	1	05/24/17 21:47	
Dibromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 21:47	
Dibromomethane	ND	0.27	1.0	ug/l	1	05/24/17 21:47	
Dichlorodifluoromethane (Freon 12)	ND	0.44	1.0	ug/l	1	05/24/17 21:47	
Ethylbenzene	ND	0.43	1.0	ug/l	1	05/24/17 21:47	
Hexachlorobutadiene	ND	0.30	1.0	ug/l	1	05/24/17 21:47	
Isopropylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 21:47	
m,p-Xylene	ND	0.70	1.0	ug/l	1	05/24/17 21:47	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

Project Manager: Jesse Orechwa

Sample Results

(Continued)

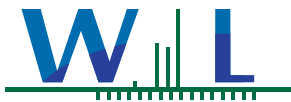
Sample: B-10C

Sampled: 05/18/17 8:10 by BS, AS, MC, NR

7E18058-01 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
m-Dichlorobenzene	ND	0.35	1.0	ug/l	1	05/24/17 21:47	
Methyl tert-butyl ether (MTBE)	ND	0.25	3.0	ug/l	1	05/24/17 21:47	
Methylene chloride	ND	0.34	1.0	ug/l	1	05/24/17 21:47	
Naphthalene	0.81	0.20	1.0	ug/l	1	05/24/17 21:47	J
n-Butylbenzene	ND	0.28	1.0	ug/l	1	05/24/17 21:47	
n-Propylbenzene	ND	0.29	1.0	ug/l	1	05/24/17 21:47	
o-Dichlorobenzene	ND	0.33	1.0	ug/l	1	05/24/17 21:47	
o-Xylene	ND	0.32	1.0	ug/l	1	05/24/17 21:47	
p-Dichlorobenzene	ND	0.37	1.0	ug/l	1	05/24/17 21:47	
p-Isopropyltoluene	ND	0.22	1.0	ug/l	1	05/24/17 21:47	
sec-Butylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 21:47	
Styrene	ND	0.35	1.0	ug/l	1	05/24/17 21:47	
tert-Butylbenzene	ND	0.21	1.0	ug/l	1	05/24/17 21:47	
Tetrachloroethene	ND	0.50	1.0	ug/l	1	05/24/17 21:47	
Toluene	ND	0.45	1.0	ug/l	1	05/24/17 21:47	
trans-1,2-Dichloroethene	ND	0.32	1.0	ug/l	1	05/24/17 21:47	
trans-1,3-Dichloropropene	ND	0.26	1.0	ug/l	1	05/24/17 21:47	
Trichloroethene	ND	0.35	1.0	ug/l	1	05/24/17 21:47	
Trichlorofluoromethane	ND	0.43	1.0	ug/l	1	05/24/17 21:47	
Vinyl chloride	ND	0.33	1.0	ug/l	1	05/24/17 21:47	
Xylenes, Total	ND	0.32	1.0	ug/l	1	05/24/17 21:47	
<i>Surrogate(s)</i>							
1,2-Dichloroethane-d4	101%	Conc: 50.4	86-126			05/24/17 21:47	
4-Bromofluorobenzene	97%	Conc: 48.3	80-112			05/24/17 21:47	
Dibromofluoromethane	103%	Conc: 51.7	89-120			05/24/17 21:47	
Toluene-d8	101%	Conc: 50.4	91-111			05/24/17 21:47	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

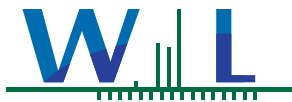
Project Manager: Jesse Orechwa

Sample Results

(Continued)

Sample: B-1C
7E18058-02 (Water) Sampled: 05/18/17 9:45 by BS, AS, MC, NR

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0							
Method: EPA 300.0		Batch ID: W7E1175		Prepared: 05/19/17 10:43		Analyst: jan	
Nitrate as N	9600	20	110	ug/l	1	05/19/17 15:33	
Method: EPA 300.0		Batch ID: W7E1708		Prepared: 05/30/17 14:41		Analyst: jan	
Chloride, Total	100	0.20	1.0	mg/l	2	05/30/17 15:48	
Sulfate as SO4	41	0.20	1.0	mg/l	2	05/30/17 15:48	
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods							
Method: EPA 410.4		Batch ID: W7E1536		Prepared: 05/25/17 11:59		Analyst: mnq	
Chemical Oxygen Demand	8.0	0.73	5.0	mg/l	1	05/26/17 20:03	
Method: SM 2320B		Batch ID: W7E1171		Prepared: 05/19/17 09:47		Analyst: dmn	
Alkalinity as CaCO3	130	0.56	10	mg/l	1	05/19/17 13:29	
Bicarbonate Alkalinity as HCO3	160	0.56	10	mg/l	1	05/19/17 13:29	
Carbonate Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Hydroxide Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Method: SM 2540C		Batch ID: W7E1260		Prepared: 05/22/17 10:55		Analyst: stg	
Total Dissolved Solids	440	4.0	10	mg/l	1	05/22/17 14:02	
Method: SM 4500CO2-C		Batch ID: W7E1149		Prepared: 05/18/17 17:39		Analyst: mbc	
Carbon dioxide, free	0.828		2.00	mg/l	1	05/18/17 18:41	J
Fumigants by EPA Method 504.1							
Method: EPA 504.1		Batch ID: W7E1426		Prepared: 05/24/17 16:24		Analyst: cam	
1,2-Dibromo-3-chloropropane	ND	0.0034	0.010	ug/l	1	05/25/17 00:16	
1,2-Dibromoethane (EDB)	ND	0.0054	0.020	ug/l	1	05/25/17 00:16	
Perchlorate by EPA 314.0							
Method: EPA 314.0		Batch ID: W7E1770		Prepared: 05/31/17 12:30		Analyst: blg	
Perchlorate	ND	0.95	2.0	ug/l	1	05/31/17 23:55	
Volatile Organic Compounds by EPA Method 8260B							
Method: EPA 8260B		Batch ID: W7E1490		Prepared: 05/24/17 16:19		Analyst: rhr	
1,1,1,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 22:15	
1,1,1-Trichloroethane	ND	0.39	1.0	ug/l	1	05/24/17 22:15	
1,1,2,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 22:15	
1,1,2-Trichloroethane	ND	0.29	1.0	ug/l	1	05/24/17 22:15	
1,1-Dichloroethane	ND	0.32	1.0	ug/l	1	05/24/17 22:15	
1,1-Dichloroethene	ND	0.34	1.0	ug/l	1	05/24/17 22:15	
1,1-Dichloropropene	ND	0.30	1.0	ug/l	1	05/24/17 22:15	
1,2,3-Trichlorobenzene	ND	0.27	1.0	ug/l	1	05/24/17 22:15	
1,2,3-Trichloropropane	ND	0.36	1.0	ug/l	1	05/24/17 22:15	
1,2,4-Trichlorobenzene	ND	0.31	1.0	ug/l	1	05/24/17 22:15	
1,2,4-Trimethylbenzene	ND	0.26	1.0	ug/l	1	05/24/17 22:15	
1,2-Dibromo-3-chloropropane	ND	0.35	1.0	ug/l	1	05/24/17 22:15	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:

06/09/2017 11:44

Sample Results

(Continued)

Sample: B-1C

Sampled: 05/18/17 9:45 by BS, AS, MC, NR

7E18058-02 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
1,2-Dibromoethane (EDB)	ND	0.30	1.0	ug/l	1	05/24/17 22:15	
1,2-Dichloroethane	ND	0.28	1.0	ug/l	1	05/24/17 22:15	
1,2-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 22:15	
1,3,5-Trimethylbenzene	ND	0.24	1.0	ug/l	1	05/24/17 22:15	
1,3-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 22:15	
1,3-Dichloropropene, Total	ND	0.51	1.0	ug/l	1	05/24/17 22:15	
2,2-Dichloropropane	ND	0.43	1.0	ug/l	1	05/24/17 22:15	
2-Butanone	ND	0.47	5.0	ug/l	1	05/24/17 22:15	
2-Chloroethyl vinyl ether	ND	0.29	5.0	ug/l	1	05/24/17 22:15	
2-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 22:15	
2-Hexanone	ND	0.48	5.0	ug/l	1	05/24/17 22:15	
4-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 22:15	
4-Methyl-2-pentanone	ND	0.52	5.0	ug/l	1	05/24/17 22:15	
Acetone	ND	0.79	5.0	ug/l	1	05/24/17 22:15	
Acrolein	ND	0.44	5.0	ug/l	1	05/24/17 22:15	
Acrylonitrile	ND	0.27	5.0	ug/l	1	05/24/17 22:15	
Benzene	ND	0.30	1.0	ug/l	1	05/24/17 22:15	
Bromobenzene	ND	0.43	1.0	ug/l	1	05/24/17 22:15	
Bromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 22:15	
Bromodichloromethane	2.0	0.32	1.0	ug/l	1	05/24/17 22:15	
Bromoform	ND	0.23	1.0	ug/l	1	05/24/17 22:15	
Bromomethane	ND	0.12	1.0	ug/l	1	05/24/17 22:15	
Carbon Disulfide	ND	1.0	1.0	ug/l	1	05/24/17 22:15	
Carbon tetrachloride	ND	0.32	1.0	ug/l	1	05/24/17 22:15	
Chlorobenzene	ND	0.46	1.0	ug/l	1	05/24/17 22:15	
Chloroethane	ND	0.21	1.0	ug/l	1	05/24/17 22:15	
Chloroform	19	0.31	1.0	ug/l	1	05/24/17 22:15	
Chloromethane	ND	0.27	1.0	ug/l	1	05/24/17 22:15	
cis-1,2-Dichloroethene	ND	0.36	1.0	ug/l	1	05/24/17 22:15	
cis-1,3-Dichloropropene	ND	0.25	1.0	ug/l	1	05/24/17 22:15	
Dibromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 22:15	
Dibromomethane	ND	0.27	1.0	ug/l	1	05/24/17 22:15	
Dichlorodifluoromethane (Freon 12)	ND	0.44	1.0	ug/l	1	05/24/17 22:15	
Ethylbenzene	ND	0.43	1.0	ug/l	1	05/24/17 22:15	
Hexachlorobutadiene	ND	0.30	1.0	ug/l	1	05/24/17 22:15	
Isopropylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 22:15	
m,p-Xylene	ND	0.70	1.0	ug/l	1	05/24/17 22:15	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:
06/09/2017 11:44

Sample Results

(Continued)

Sample: B-1C

Sampled: 05/18/17 9:45 by BS, AS, MC, NR

7E18058-02 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
m-Dichlorobenzene	ND	0.35	1.0	ug/l	1	05/24/17 22:15	
Methyl tert-butyl ether (MTBE)	ND	0.25	3.0	ug/l	1	05/24/17 22:15	
Methylene chloride	ND	0.34	1.0	ug/l	1	05/24/17 22:15	
Naphthalene	ND	0.20	1.0	ug/l	1	05/24/17 22:15	
n-Butylbenzene	ND	0.28	1.0	ug/l	1	05/24/17 22:15	
n-Propylbenzene	ND	0.29	1.0	ug/l	1	05/24/17 22:15	
o-Dichlorobenzene	ND	0.33	1.0	ug/l	1	05/24/17 22:15	
o-Xylene	ND	0.32	1.0	ug/l	1	05/24/17 22:15	
p-Dichlorobenzene	ND	0.37	1.0	ug/l	1	05/24/17 22:15	
p-Isopropyltoluene	ND	0.22	1.0	ug/l	1	05/24/17 22:15	
sec-Butylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 22:15	
Styrene	ND	0.35	1.0	ug/l	1	05/24/17 22:15	
tert-Butylbenzene	ND	0.21	1.0	ug/l	1	05/24/17 22:15	
Tetrachloroethene	ND	0.50	1.0	ug/l	1	05/24/17 22:15	
Toluene	ND	0.45	1.0	ug/l	1	05/24/17 22:15	
trans-1,2-Dichloroethene	ND	0.32	1.0	ug/l	1	05/24/17 22:15	
trans-1,3-Dichloropropene	ND	0.26	1.0	ug/l	1	05/24/17 22:15	
Trichloroethene	ND	0.35	1.0	ug/l	1	05/24/17 22:15	
Trichlorofluoromethane	ND	0.43	1.0	ug/l	1	05/24/17 22:15	
Vinyl chloride	ND	0.33	1.0	ug/l	1	05/24/17 22:15	
Xylenes, Total	ND	0.32	1.0	ug/l	1	05/24/17 22:15	
<i>Surrogate(s)</i>							
1,2-Dichloroethane-d4	98%	Conc: 48.9	86-126			05/24/17 22:15	
4-Bromofluorobenzene	94%	Conc: 46.8	80-112			05/24/17 22:15	
Dibromofluoromethane	102%	Conc: 51.0	89-120			05/24/17 22:15	
Toluene-d8	99%	Conc: 49.5	91-111			05/24/17 22:15	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

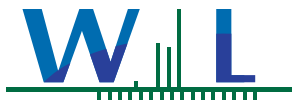
Project Manager: Jesse Orechwa

Sample Results

(Continued)

Sample: B-4R
7E18058-03 (Water) Sampled: 05/18/17 11:10 by BS, AS, MC, NR

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0							
Method: EPA 300.0		Batch ID: W7E1175		Prepared: 05/19/17 10:43		Analyst: jan	
Nitrate as N	9800	40	230	ug/l	2	05/19/17 18:59	
Method: EPA 300.0		Batch ID: W7E1708		Prepared: 05/30/17 14:41		Analyst: jan	
Chloride, Total	39	0.10	0.50	mg/l	1	05/30/17 15:48	
Sulfate as SO4	42	0.10	0.50	mg/l	1	05/30/17 15:48	
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods							
Method: EPA 410.4		Batch ID: W7E1615		Prepared: 05/26/17 13:13		Analyst: mnq	
Chemical Oxygen Demand	6.1	0.73	5.0	mg/l	1	05/31/17 10:42	
Method: SM 2320B		Batch ID: W7E1171		Prepared: 05/19/17 09:47		Analyst: dmn	
Alkalinity as CaCO3	190	0.56	10	mg/l	1	05/19/17 13:29	
Bicarbonate Alkalinity as HCO3	230	0.56	10	mg/l	1	05/19/17 13:29	
Carbonate Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Hydroxide Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Method: SM 2540C		Batch ID: W7E1260		Prepared: 05/22/17 10:55		Analyst: stg	
Total Dissolved Solids	400	4.0	10	mg/l	1	05/22/17 14:02	
Method: SM 4500CO2-C		Batch ID: W7E1149		Prepared: 05/18/17 17:39		Analyst: mbc	
Carbon dioxide, free	1.24		2.00	mg/l	1	05/18/17 18:41	J
Fumigants by EPA Method 504.1							
Method: EPA 504.1		Batch ID: W7E1426		Prepared: 05/24/17 16:24		Analyst: cam	
1,2-Dibromo-3-chloropropane	ND	0.0034	0.010	ug/l	1	05/25/17 00:39	
1,2-Dibromoethane (EDB)	ND	0.0054	0.020	ug/l	1	05/25/17 00:39	
Perchlorate by EPA 314.0							
Method: EPA 314.0		Batch ID: W7E1770		Prepared: 05/31/17 12:30		Analyst: blg	
Perchlorate	7.0	0.95	2.0	ug/l	1	06/01/17 00:15	
Volatile Organic Compounds by EPA Method 8260B							
Method: EPA 8260B		Batch ID: W7E1490		Prepared: 05/24/17 16:19		Analyst: rhr	
1,1,1,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 22:43	
1,1,1-Trichloroethane	ND	0.39	1.0	ug/l	1	05/24/17 22:43	
1,1,2,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 22:43	
1,1,2-Trichloroethane	ND	0.29	1.0	ug/l	1	05/24/17 22:43	
1,1-Dichloroethane	ND	0.32	1.0	ug/l	1	05/24/17 22:43	
1,1-Dichloroethene	ND	0.34	1.0	ug/l	1	05/24/17 22:43	
1,1-Dichloropropene	ND	0.30	1.0	ug/l	1	05/24/17 22:43	
1,2,3-Trichlorobenzene	ND	0.27	1.0	ug/l	1	05/24/17 22:43	
1,2,3-Trichloropropane	ND	0.36	1.0	ug/l	1	05/24/17 22:43	
1,2,4-Trichlorobenzene	ND	0.31	1.0	ug/l	1	05/24/17 22:43	
1,2,4-Trimethylbenzene	ND	0.26	1.0	ug/l	1	05/24/17 22:43	
1,2-Dibromo-3-chloropropane	ND	0.35	1.0	ug/l	1	05/24/17 22:43	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:
06/09/2017 11:44

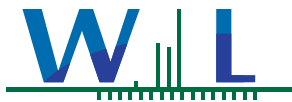
Sample Results

(Continued)

Sample: B-4R
7E18058-03 (Water)

Sampled: 05/18/17 11:10 by BS, AS, MC, NR
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
1,2-Dibromoethane (EDB)	ND	0.30	1.0	ug/l	1	05/24/17 22:43	
1,2-Dichloroethane	ND	0.28	1.0	ug/l	1	05/24/17 22:43	
1,2-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 22:43	
1,3,5-Trimethylbenzene	ND	0.24	1.0	ug/l	1	05/24/17 22:43	
1,3-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 22:43	
1,3-Dichloropropene, Total	ND	0.51	1.0	ug/l	1	05/24/17 22:43	
2,2-Dichloropropane	ND	0.43	1.0	ug/l	1	05/24/17 22:43	
2-Butanone	ND	0.47	5.0	ug/l	1	05/24/17 22:43	
2-Chloroethyl vinyl ether	ND	0.29	5.0	ug/l	1	05/24/17 22:43	
2-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 22:43	
2-Hexanone	ND	0.48	5.0	ug/l	1	05/24/17 22:43	
4-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 22:43	
4-Methyl-2-pentanone	ND	0.52	5.0	ug/l	1	05/24/17 22:43	
Acetone	ND	0.79	5.0	ug/l	1	05/24/17 22:43	
Acrolein	ND	0.44	5.0	ug/l	1	05/24/17 22:43	
Acrylonitrile	ND	0.27	5.0	ug/l	1	05/24/17 22:43	
Benzene	ND	0.30	1.0	ug/l	1	05/24/17 22:43	
Bromobenzene	ND	0.43	1.0	ug/l	1	05/24/17 22:43	
Bromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 22:43	
Bromodichloromethane	ND	0.32	1.0	ug/l	1	05/24/17 22:43	
Bromoform	ND	0.23	1.0	ug/l	1	05/24/17 22:43	
Bromomethane	ND	0.12	1.0	ug/l	1	05/24/17 22:43	
Carbon Disulfide	ND	1.0	1.0	ug/l	1	05/24/17 22:43	
Carbon tetrachloride	ND	0.32	1.0	ug/l	1	05/24/17 22:43	
Chlorobenzene	ND	0.46	1.0	ug/l	1	05/24/17 22:43	
Chloroethane	ND	0.21	1.0	ug/l	1	05/24/17 22:43	
Chloroform	ND	0.31	1.0	ug/l	1	05/24/17 22:43	
Chloromethane	ND	0.27	1.0	ug/l	1	05/24/17 22:43	
cis-1,2-Dichloroethene	ND	0.36	1.0	ug/l	1	05/24/17 22:43	
cis-1,3-Dichloropropene	ND	0.25	1.0	ug/l	1	05/24/17 22:43	
Dibromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 22:43	
Dibromomethane	ND	0.27	1.0	ug/l	1	05/24/17 22:43	
Dichlorodifluoromethane (Freon 12)	ND	0.44	1.0	ug/l	1	05/24/17 22:43	
Ethylbenzene	ND	0.43	1.0	ug/l	1	05/24/17 22:43	
Hexachlorobutadiene	ND	0.30	1.0	ug/l	1	05/24/17 22:43	
Isopropylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 22:43	
m,p-Xylene	ND	0.70	1.0	ug/l	1	05/24/17 22:43	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:
06/09/2017 11:44

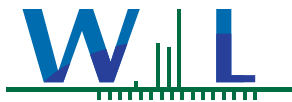
Sample Results

(Continued)

Sample: B-4R
7E18058-03 (Water)

Sampled: 05/18/17 11:10 by BS, AS, MC, NR
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
m-Dichlorobenzene	ND	0.35	1.0	ug/l	1	05/24/17 22:43	
Methyl tert-butyl ether (MTBE)	ND	0.25	3.0	ug/l	1	05/24/17 22:43	
Methylene chloride	ND	0.34	1.0	ug/l	1	05/24/17 22:43	
Naphthalene	ND	0.20	1.0	ug/l	1	05/24/17 22:43	
n-Butylbenzene	ND	0.28	1.0	ug/l	1	05/24/17 22:43	
n-Propylbenzene	ND	0.29	1.0	ug/l	1	05/24/17 22:43	
o-Dichlorobenzene	ND	0.33	1.0	ug/l	1	05/24/17 22:43	
o-Xylene	ND	0.32	1.0	ug/l	1	05/24/17 22:43	
p-Dichlorobenzene	ND	0.37	1.0	ug/l	1	05/24/17 22:43	
p-Isopropyltoluene	ND	0.22	1.0	ug/l	1	05/24/17 22:43	
sec-Butylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 22:43	
Styrene	ND	0.35	1.0	ug/l	1	05/24/17 22:43	
tert-Butylbenzene	ND	0.21	1.0	ug/l	1	05/24/17 22:43	
Tetrachloroethene	ND	0.50	1.0	ug/l	1	05/24/17 22:43	
Toluene	ND	0.45	1.0	ug/l	1	05/24/17 22:43	
trans-1,2-Dichloroethene	ND	0.32	1.0	ug/l	1	05/24/17 22:43	
trans-1,3-Dichloropropene	ND	0.26	1.0	ug/l	1	05/24/17 22:43	
Trichloroethene	ND	0.35	1.0	ug/l	1	05/24/17 22:43	
Trichlorofluoromethane	ND	0.43	1.0	ug/l	1	05/24/17 22:43	
Vinyl chloride	ND	0.33	1.0	ug/l	1	05/24/17 22:43	
Xylenes, Total	ND	0.32	1.0	ug/l	1	05/24/17 22:43	
<i>Surrogate(s)</i>							
1,2-Dichloroethane-d4	101%	Conc: 50.3	86-126			05/24/17 22:43	
4-Bromofluorobenzene	95%	Conc: 47.6	80-112			05/24/17 22:43	
Dibromofluoromethane	103%	Conc: 51.5	89-120			05/24/17 22:43	
Toluene-d8	100%	Conc: 50.0	91-111			05/24/17 22:43	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

Project Manager: Jesse Orechwa

Sample Results

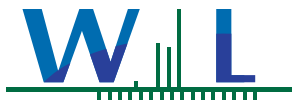
(Continued)

Sample: B-11
7E18058-04 (Water) Sampled: 05/18/17 11:10 by BS, AS, MC, NR

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0							
Method: EPA 300.0		Batch ID: W7E1175		Prepared: 05/19/17 10:43		Analyst: jan	
Nitrate as N	9100	40	230	ug/l	2	05/19/17 19:19	
Method: EPA 300.0		Batch ID: W7E1708		Prepared: 05/30/17 14:41		Analyst: jan	
Chloride, Total	99	0.20	1.0	mg/l	2	05/30/17 15:48	
Sulfate as SO4	50	0.20	1.0	mg/l	2	05/30/17 15:48	
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods							
Method: EPA 410.4		Batch ID: W7E1615		Prepared: 05/26/17 13:13		Analyst: mnq	
Chemical Oxygen Demand	3.4	0.73	5.0	mg/l	1	05/31/17 10:42	J
Method: SM 2320B		Batch ID: W7E1171		Prepared: 05/19/17 09:47		Analyst: dmn	
Alkalinity as CaCO3	220	0.56	10	mg/l	1	05/19/17 13:29	
Bicarbonate Alkalinity as HCO3	270	0.56	10	mg/l	1	05/19/17 13:29	
Carbonate Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Hydroxide Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Method: SM 2540C		Batch ID: W7E1260		Prepared: 05/22/17 10:55		Analyst: stg	
Total Dissolved Solids	560	4.0	10	mg/l	1	05/22/17 14:02	
Method: SM 4500CO2-C		Batch ID: W7E1149		Prepared: 05/18/17 17:39		Analyst: mbc	
Carbon dioxide, free	2.07		2.00	mg/l	1	05/18/17 18:41	
Fumigants by EPA Method 504.1							
Method: EPA 504.1		Batch ID: W7E1426		Prepared: 05/24/17 16:24		Analyst: cam	
1,2-Dibromo-3-chloropropane	ND	0.0034	0.010	ug/l	1	05/25/17 01:02	
1,2-Dibromoethane (EDB)	ND	0.0054	0.020	ug/l	1	05/25/17 01:02	
Perchlorate by EPA 314.0							
Method: EPA 314.0		Batch ID: W7E1770		Prepared: 05/31/17 12:30		Analyst: blg	
Perchlorate	ND	0.95	2.0	ug/l	1	06/01/17 00:35	
Volatile Organic Compounds by EPA Method 8260B							
Method: EPA 8260B		Batch ID: W7E1490		Prepared: 05/24/17 16:19		Analyst: rhr	
1,1,1,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 23:11	
1,1,1-Trichloroethane	ND	0.39	1.0	ug/l	1	05/24/17 23:11	
1,1,2,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 23:11	
1,1,2-Trichloroethane	ND	0.29	1.0	ug/l	1	05/24/17 23:11	
1,1-Dichloroethane	ND	0.32	1.0	ug/l	1	05/24/17 23:11	
1,1-Dichloroethene	ND	0.34	1.0	ug/l	1	05/24/17 23:11	
1,1-Dichloropropene	ND	0.30	1.0	ug/l	1	05/24/17 23:11	
1,2,3-Trichlorobenzene	ND	0.27	1.0	ug/l	1	05/24/17 23:11	
1,2,3-Trichloropropane	ND	0.36	1.0	ug/l	1	05/24/17 23:11	
1,2,4-Trichlorobenzene	ND	0.31	1.0	ug/l	1	05/24/17 23:11	
1,2,4-Trimethylbenzene	ND	0.26	1.0	ug/l	1	05/24/17 23:11	
1,2-Dibromo-3-chloropropane	ND	0.35	1.0	ug/l	1	05/24/17 23:11	

7E18058

Page 12 of 48



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:

06/09/2017 11:44

Sample Results

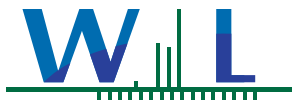
(Continued)

Sample: B-11
7E18058-04 (Water)

Sampled: 05/18/17 11:10 by BS, AS, MC, NR

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
1,2-Dibromoethane (EDB)	ND	0.30	1.0	ug/l	1	05/24/17 23:11	
1,2-Dichloroethane	ND	0.28	1.0	ug/l	1	05/24/17 23:11	
1,2-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 23:11	
1,3,5-Trimethylbenzene	ND	0.24	1.0	ug/l	1	05/24/17 23:11	
1,3-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 23:11	
1,3-Dichloropropene, Total	ND	0.51	1.0	ug/l	1	05/24/17 23:11	
2,2-Dichloropropane	ND	0.43	1.0	ug/l	1	05/24/17 23:11	
2-Butanone	ND	0.47	5.0	ug/l	1	05/24/17 23:11	
2-Chloroethyl vinyl ether	ND	0.29	5.0	ug/l	1	05/24/17 23:11	
2-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 23:11	
2-Hexanone	ND	0.48	5.0	ug/l	1	05/24/17 23:11	
4-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 23:11	
4-Methyl-2-pentanone	ND	0.52	5.0	ug/l	1	05/24/17 23:11	
Acetone	ND	0.79	5.0	ug/l	1	05/24/17 23:11	
Acrolein	ND	0.44	5.0	ug/l	1	05/24/17 23:11	
Acrylonitrile	ND	0.27	5.0	ug/l	1	05/24/17 23:11	
Benzene	ND	0.30	1.0	ug/l	1	05/24/17 23:11	
Bromobenzene	ND	0.43	1.0	ug/l	1	05/24/17 23:11	
Bromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 23:11	
Bromodichloromethane	0.55	0.32	1.0	ug/l	1	05/24/17 23:11	J
Bromoform	ND	0.23	1.0	ug/l	1	05/24/17 23:11	
Bromomethane	ND	0.12	1.0	ug/l	1	05/24/17 23:11	
Carbon Disulfide	ND	1.0	1.0	ug/l	1	05/24/17 23:11	
Carbon tetrachloride	ND	0.32	1.0	ug/l	1	05/24/17 23:11	
Chlorobenzene	ND	0.46	1.0	ug/l	1	05/24/17 23:11	
Chloroethane	ND	0.21	1.0	ug/l	1	05/24/17 23:11	
Chloroform	14	0.31	1.0	ug/l	1	05/24/17 23:11	
Chloromethane	ND	0.27	1.0	ug/l	1	05/24/17 23:11	
cis-1,2-Dichloroethene	ND	0.36	1.0	ug/l	1	05/24/17 23:11	
cis-1,3-Dichloropropene	ND	0.25	1.0	ug/l	1	05/24/17 23:11	
Dibromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 23:11	
Dibromomethane	ND	0.27	1.0	ug/l	1	05/24/17 23:11	
Dichlorodifluoromethane (Freon 12)	ND	0.44	1.0	ug/l	1	05/24/17 23:11	
Ethylbenzene	ND	0.43	1.0	ug/l	1	05/24/17 23:11	
Hexachlorobutadiene	ND	0.30	1.0	ug/l	1	05/24/17 23:11	
Isopropylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 23:11	
m,p-Xylene	ND	0.70	1.0	ug/l	1	05/24/17 23:11	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:
06/09/2017 11:44

Sample Results

(Continued)

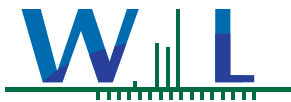
Sample: B-11

Sampled: 05/18/17 11:10 by BS, AS, MC, NR

7E18058-04 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
m-Dichlorobenzene	ND	0.35	1.0	ug/l	1	05/24/17 23:11	
Methyl tert-butyl ether (MTBE)	ND	0.25	3.0	ug/l	1	05/24/17 23:11	
Methylene chloride	ND	0.34	1.0	ug/l	1	05/24/17 23:11	
Naphthalene	ND	0.20	1.0	ug/l	1	05/24/17 23:11	
n-Butylbenzene	ND	0.28	1.0	ug/l	1	05/24/17 23:11	
n-Propylbenzene	ND	0.29	1.0	ug/l	1	05/24/17 23:11	
o-Dichlorobenzene	ND	0.33	1.0	ug/l	1	05/24/17 23:11	
o-Xylene	ND	0.32	1.0	ug/l	1	05/24/17 23:11	
p-Dichlorobenzene	ND	0.37	1.0	ug/l	1	05/24/17 23:11	
p-Isopropyltoluene	ND	0.22	1.0	ug/l	1	05/24/17 23:11	
sec-Butylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 23:11	
Styrene	ND	0.35	1.0	ug/l	1	05/24/17 23:11	
tert-Butylbenzene	ND	0.21	1.0	ug/l	1	05/24/17 23:11	
Tetrachloroethene	ND	0.50	1.0	ug/l	1	05/24/17 23:11	
Toluene	ND	0.45	1.0	ug/l	1	05/24/17 23:11	
trans-1,2-Dichloroethene	ND	0.32	1.0	ug/l	1	05/24/17 23:11	
trans-1,3-Dichloropropene	ND	0.26	1.0	ug/l	1	05/24/17 23:11	
Trichloroethene	ND	0.35	1.0	ug/l	1	05/24/17 23:11	
Trichlorofluoromethane	ND	0.43	1.0	ug/l	1	05/24/17 23:11	
Vinyl chloride	ND	0.33	1.0	ug/l	1	05/24/17 23:11	
Xylenes, Total	ND	0.32	1.0	ug/l	1	05/24/17 23:11	
<i>Surrogate(s)</i>							
1,2-Dichloroethane-d4	97%	Conc: 48.6	86-126			05/24/17 23:11	
4-Bromofluorobenzene	95%	Conc: 47.6	80-112			05/24/17 23:11	
Dibromofluoromethane	101%	Conc: 50.4	89-120			05/24/17 23:11	
Toluene-d8	100%	Conc: 50.1	91-111			05/24/17 23:11	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

Project Manager: Jesse Orechwa

Sample Results

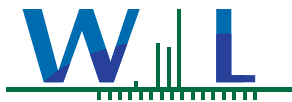
(Continued)

Sample: B-12
7E18058-05 (Water) Sampled: 05/18/17 11:55 by BS, AS, MC, NR

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0							
Method: EPA 300.0		Batch ID: W7E1175		Prepared: 05/19/17 10:43		Analyst: jan	
Nitrate as N	15000	200	1100	ug/l	10	05/19/17 19:40	
Method: EPA 300.0		Batch ID: W7E1708		Prepared: 05/30/17 14:41		Analyst: jan	
Chloride, Total	24	0.10	0.50	mg/l	1	05/30/17 15:48	
Sulfate as SO4	63	0.10	0.50	mg/l	1	05/30/17 15:48	
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods							
Method: EPA 410.4		Batch ID: W7E1615		Prepared: 05/26/17 13:13		Analyst: mnq	
Chemical Oxygen Demand	1.4	0.73	5.0	mg/l	1	05/31/17 10:42	J
Method: SM 2320B		Batch ID: W7E1171		Prepared: 05/19/17 09:47		Analyst: dmn	
Alkalinity as CaCO3	190	0.56	10	mg/l	1	05/19/17 13:29	
Bicarbonate Alkalinity as HCO3	240	0.56	10	mg/l	1	05/19/17 13:29	
Carbonate Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Hydroxide Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Method: SM 2540C		Batch ID: W7E1260		Prepared: 05/22/17 10:55		Analyst: stg	
Total Dissolved Solids	450	4.0	10	mg/l	1	05/22/17 14:02	
Method: SM 4500CO2-C		Batch ID: W7E1149		Prepared: 05/18/17 17:39		Analyst: mbc	
Carbon dioxide, free	1.24		2.00	mg/l	1	05/18/17 18:41	J
Fumigants by EPA Method 504.1							
Method: EPA 504.1		Batch ID: W7E1426		Prepared: 05/24/17 16:24		Analyst: cam	
1,2-Dibromo-3-chloropropane	0.035	0.0034	0.010	ug/l	1	05/25/17 01:25	
1,2-Dibromoethane (EDB)	ND	0.0054	0.020	ug/l	1	05/25/17 01:25	
Perchlorate by EPA 314.0							
Method: EPA 314.0		Batch ID: W7E1770		Prepared: 05/31/17 12:30		Analyst: blg	
Perchlorate	29	0.95	2.0	ug/l	1	06/01/17 00:55	
Volatile Organic Compounds by EPA Method 8260B							
Method: EPA 8260B		Batch ID: W7E1490		Prepared: 05/24/17 16:19		Analyst: rhr	
1,1,1,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 23:39	
1,1,1-Trichloroethane	ND	0.39	1.0	ug/l	1	05/24/17 23:39	
1,1,2,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 23:39	
1,1,2-Trichloroethane	ND	0.29	1.0	ug/l	1	05/24/17 23:39	
1,1-Dichloroethane	ND	0.32	1.0	ug/l	1	05/24/17 23:39	
1,1-Dichloroethene	ND	0.34	1.0	ug/l	1	05/24/17 23:39	
1,1-Dichloropropene	ND	0.30	1.0	ug/l	1	05/24/17 23:39	
1,2,3-Trichlorobenzene	ND	0.27	1.0	ug/l	1	05/24/17 23:39	
1,2,3-Trichloropropane	ND	0.36	1.0	ug/l	1	05/24/17 23:39	
1,2,4-Trichlorobenzene	ND	0.31	1.0	ug/l	1	05/24/17 23:39	
1,2,4-Trimethylbenzene	ND	0.26	1.0	ug/l	1	05/24/17 23:39	
1,2-Dibromo-3-chloropropane	ND	0.35	1.0	ug/l	1	05/24/17 23:39	

7E18058

Page 15 of 48



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:
06/09/2017 11:44

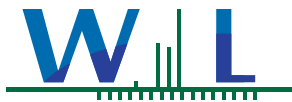
Sample Results

(Continued)

Sample: B-12
7E18058-05 (Water)

Sampled: 05/18/17 11:55 by BS, AS, MC, NR
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
1,2-Dibromoethane (EDB)	ND	0.30	1.0	ug/l	1	05/24/17 23:39	
1,2-Dichloroethane	ND	0.28	1.0	ug/l	1	05/24/17 23:39	
1,2-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 23:39	
1,3,5-Trimethylbenzene	ND	0.24	1.0	ug/l	1	05/24/17 23:39	
1,3-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 23:39	
1,3-Dichloropropene, Total	ND	0.51	1.0	ug/l	1	05/24/17 23:39	
2,2-Dichloropropane	ND	0.43	1.0	ug/l	1	05/24/17 23:39	
2-Butanone	ND	0.47	5.0	ug/l	1	05/24/17 23:39	
2-Chloroethyl vinyl ether	ND	0.29	5.0	ug/l	1	05/24/17 23:39	
2-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 23:39	
2-Hexanone	ND	0.48	5.0	ug/l	1	05/24/17 23:39	
4-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 23:39	
4-Methyl-2-pentanone	ND	0.52	5.0	ug/l	1	05/24/17 23:39	
Acetone	ND	0.79	5.0	ug/l	1	05/24/17 23:39	
Acrolein	ND	0.44	5.0	ug/l	1	05/24/17 23:39	
Acrylonitrile	ND	0.27	5.0	ug/l	1	05/24/17 23:39	
Benzene	ND	0.30	1.0	ug/l	1	05/24/17 23:39	
Bromobenzene	ND	0.43	1.0	ug/l	1	05/24/17 23:39	
Bromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 23:39	
Bromodichloromethane	ND	0.32	1.0	ug/l	1	05/24/17 23:39	
Bromoform	ND	0.23	1.0	ug/l	1	05/24/17 23:39	
Bromomethane	ND	0.12	1.0	ug/l	1	05/24/17 23:39	
Carbon Disulfide	ND	1.0	1.0	ug/l	1	05/24/17 23:39	
Carbon tetrachloride	ND	0.32	1.0	ug/l	1	05/24/17 23:39	
Chlorobenzene	ND	0.46	1.0	ug/l	1	05/24/17 23:39	
Chloroethane	ND	0.21	1.0	ug/l	1	05/24/17 23:39	
Chloroform	ND	0.31	1.0	ug/l	1	05/24/17 23:39	
Chloromethane	ND	0.27	1.0	ug/l	1	05/24/17 23:39	
cis-1,2-Dichloroethene	ND	0.36	1.0	ug/l	1	05/24/17 23:39	
cis-1,3-Dichloropropene	ND	0.25	1.0	ug/l	1	05/24/17 23:39	
Dibromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 23:39	
Dibromomethane	ND	0.27	1.0	ug/l	1	05/24/17 23:39	
Dichlorodifluoromethane (Freon 12)	ND	0.44	1.0	ug/l	1	05/24/17 23:39	
Ethylbenzene	ND	0.43	1.0	ug/l	1	05/24/17 23:39	
Hexachlorobutadiene	ND	0.30	1.0	ug/l	1	05/24/17 23:39	
Isopropylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 23:39	
m,p-Xylene	ND	0.70	1.0	ug/l	1	05/24/17 23:39	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:

06/09/2017 11:44

Sample Results

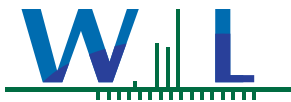
(Continued)

Sample: B-12
7E18058-05 (Water)

Sampled: 05/18/17 11:55 by BS, AS, MC, NR

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
m-Dichlorobenzene	ND	0.35	1.0	ug/l	1	05/24/17 23:39	
Methyl tert-butyl ether (MTBE)	ND	0.25	3.0	ug/l	1	05/24/17 23:39	
Methylene chloride	ND	0.34	1.0	ug/l	1	05/24/17 23:39	
Naphthalene	ND	0.20	1.0	ug/l	1	05/24/17 23:39	
n-Butylbenzene	ND	0.28	1.0	ug/l	1	05/24/17 23:39	
n-Propylbenzene	ND	0.29	1.0	ug/l	1	05/24/17 23:39	
o-Dichlorobenzene	ND	0.33	1.0	ug/l	1	05/24/17 23:39	
o-Xylene	ND	0.32	1.0	ug/l	1	05/24/17 23:39	
p-Dichlorobenzene	ND	0.37	1.0	ug/l	1	05/24/17 23:39	
p-Isopropyltoluene	ND	0.22	1.0	ug/l	1	05/24/17 23:39	
sec-Butylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 23:39	
Styrene	ND	0.35	1.0	ug/l	1	05/24/17 23:39	
tert-Butylbenzene	ND	0.21	1.0	ug/l	1	05/24/17 23:39	
Tetrachloroethene	ND	0.50	1.0	ug/l	1	05/24/17 23:39	
Toluene	ND	0.45	1.0	ug/l	1	05/24/17 23:39	
trans-1,2-Dichloroethene	ND	0.32	1.0	ug/l	1	05/24/17 23:39	
trans-1,3-Dichloropropene	ND	0.26	1.0	ug/l	1	05/24/17 23:39	
Trichloroethene	1.5	0.35	1.0	ug/l	1	05/24/17 23:39	
Trichlorofluoromethane	ND	0.43	1.0	ug/l	1	05/24/17 23:39	
Vinyl chloride	ND	0.33	1.0	ug/l	1	05/24/17 23:39	
Xylenes, Total	ND	0.32	1.0	ug/l	1	05/24/17 23:39	
<i>Surrogate(s)</i>							
1,2-Dichloroethane-d4	98%	Conc: 49.1	86-126			05/24/17 23:39	
4-Bromofluorobenzene	96%	Conc: 48.0	80-112			05/24/17 23:39	
Dibromofluoromethane	102%	Conc: 51.1	89-120			05/24/17 23:39	
Toluene-d8	100%	Conc: 50.0	91-111			05/24/17 23:39	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

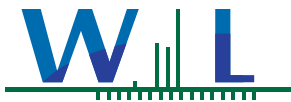
Project Manager: Jesse Orechwa

Sample Results

(Continued)

Sample: B-14
7E18058-06 (Water) Sampled: 05/18/17 8:45 by BS, AS, MC, NR

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0							
Method: EPA 300.0		Batch ID: W7E1175		Prepared: 05/19/17 10:43		Analyst: jan	
Nitrate as N	10000	100	560	ug/l	5	05/19/17 20:00	
Method: EPA 300.0		Batch ID: W7E1708		Prepared: 05/30/17 14:41		Analyst: jan	
Chloride, Total	19	0.10	0.50	mg/l	1	05/30/17 15:48	
Sulfate as SO4	49	0.10	0.50	mg/l	1	05/30/17 15:48	
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods							
Method: EPA 410.4		Batch ID: W7E1615		Prepared: 05/26/17 13:13		Analyst: mnq	
Chemical Oxygen Demand	11	0.73	5.0	mg/l	1	05/31/17 10:42	
Method: SM 2320B		Batch ID: W7E1171		Prepared: 05/19/17 09:47		Analyst: dmn	
Alkalinity as CaCO3	190	0.56	10	mg/l	1	05/19/17 13:29	
Bicarbonate Alkalinity as HCO3	240	0.56	10	mg/l	1	05/19/17 13:29	
Carbonate Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Hydroxide Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Method: SM 2540C		Batch ID: W7E1260		Prepared: 05/22/17 10:55		Analyst: stg	
Total Dissolved Solids	380	4.0	10	mg/l	1	05/22/17 14:02	
Method: SM 4500CO2-C		Batch ID: W7E1149		Prepared: 05/18/17 17:39		Analyst: mbc	
Carbon dioxide, free	1.24		2.00	mg/l	1	05/18/17 18:41	J
Fumigants by EPA Method 504.1							
Method: EPA 504.1		Batch ID: W7E1426		Prepared: 05/24/17 16:24		Analyst: cam	
1,2-Dibromo-3-chloropropane	0.048	0.0034	0.010	ug/l	1	05/25/17 01:48	
1,2-Dibromoethane (EDB)	ND	0.0054	0.020	ug/l	1	05/25/17 01:48	
Perchlorate by EPA 314.0							
Method: EPA 314.0		Batch ID: W7E1770		Prepared: 05/31/17 12:30		Analyst: blg	
Perchlorate	27	0.95	2.0	ug/l	1	06/01/17 01:15	
Volatile Organic Compounds by EPA Method 8260B							
Method: EPA 8260B		Batch ID: W7E1490		Prepared: 05/24/17 16:19		Analyst: rhr	
1,1,1,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/25/17 00:06	
1,1,1-Trichloroethane	ND	0.39	1.0	ug/l	1	05/25/17 00:06	
1,1,2,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/25/17 00:06	
1,1,2-Trichloroethane	ND	0.29	1.0	ug/l	1	05/25/17 00:06	
1,1-Dichloroethane	ND	0.32	1.0	ug/l	1	05/25/17 00:06	
1,1-Dichloroethene	ND	0.34	1.0	ug/l	1	05/25/17 00:06	
1,1-Dichloropropene	ND	0.30	1.0	ug/l	1	05/25/17 00:06	
1,2,3-Trichlorobenzene	ND	0.27	1.0	ug/l	1	05/25/17 00:06	
1,2,3-Trichloropropane	ND	0.36	1.0	ug/l	1	05/25/17 00:06	
1,2,4-Trichlorobenzene	ND	0.31	1.0	ug/l	1	05/25/17 00:06	
1,2,4-Trimethylbenzene	ND	0.26	1.0	ug/l	1	05/25/17 00:06	
1,2-Dibromo-3-chloropropane	ND	0.35	1.0	ug/l	1	05/25/17 00:06	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:

06/09/2017 11:44

Sample Results

(Continued)

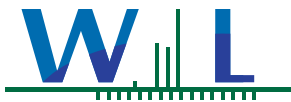
Sample: B-14

Sampled: 05/18/17 8:45 by BS, AS, MC, NR

7E18058-06 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
1,2-Dibromoethane (EDB)	ND	0.30	1.0	ug/l	1	05/25/17 00:06	
1,2-Dichloroethane	ND	0.28	1.0	ug/l	1	05/25/17 00:06	
1,2-Dichloropropane	ND	0.28	1.0	ug/l	1	05/25/17 00:06	
1,3,5-Trimethylbenzene	ND	0.24	1.0	ug/l	1	05/25/17 00:06	
1,3-Dichloropropane	ND	0.28	1.0	ug/l	1	05/25/17 00:06	
1,3-Dichloropropene, Total	ND	0.51	1.0	ug/l	1	05/25/17 00:06	
2,2-Dichloropropane	ND	0.43	1.0	ug/l	1	05/25/17 00:06	
2-Butanone	ND	0.47	5.0	ug/l	1	05/25/17 00:06	
2-Chloroethyl vinyl ether	ND	0.29	5.0	ug/l	1	05/25/17 00:06	
2-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/25/17 00:06	
2-Hexanone	ND	0.48	5.0	ug/l	1	05/25/17 00:06	
4-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/25/17 00:06	
4-Methyl-2-pentanone	ND	0.52	5.0	ug/l	1	05/25/17 00:06	
Acetone	ND	0.79	5.0	ug/l	1	05/25/17 00:06	
Acrolein	ND	0.44	5.0	ug/l	1	05/25/17 00:06	
Acrylonitrile	ND	0.27	5.0	ug/l	1	05/25/17 00:06	
Benzene	ND	0.30	1.0	ug/l	1	05/25/17 00:06	
Bromobenzene	ND	0.43	1.0	ug/l	1	05/25/17 00:06	
Bromochloromethane	ND	0.29	1.0	ug/l	1	05/25/17 00:06	
Bromodichloromethane	ND	0.32	1.0	ug/l	1	05/25/17 00:06	
Bromoform	ND	0.23	1.0	ug/l	1	05/25/17 00:06	
Bromomethane	ND	0.12	1.0	ug/l	1	05/25/17 00:06	
Carbon Disulfide	ND	1.0	1.0	ug/l	1	05/25/17 00:06	
Carbon tetrachloride	ND	0.32	1.0	ug/l	1	05/25/17 00:06	
Chlorobenzene	ND	0.46	1.0	ug/l	1	05/25/17 00:06	
Chloroethane	ND	0.21	1.0	ug/l	1	05/25/17 00:06	
Chloroform	ND	0.31	1.0	ug/l	1	05/25/17 00:06	
Chloromethane	ND	0.27	1.0	ug/l	1	05/25/17 00:06	
cis-1,2-Dichloroethene	ND	0.36	1.0	ug/l	1	05/25/17 00:06	
cis-1,3-Dichloropropene	ND	0.25	1.0	ug/l	1	05/25/17 00:06	
Dibromochloromethane	ND	0.29	1.0	ug/l	1	05/25/17 00:06	
Dibromomethane	ND	0.27	1.0	ug/l	1	05/25/17 00:06	
Dichlorodifluoromethane (Freon 12)	ND	0.44	1.0	ug/l	1	05/25/17 00:06	
Ethylbenzene	ND	0.43	1.0	ug/l	1	05/25/17 00:06	
Hexachlorobutadiene	ND	0.30	1.0	ug/l	1	05/25/17 00:06	
Isopropylbenzene	ND	0.25	1.0	ug/l	1	05/25/17 00:06	
m,p-Xylene	ND	0.70	1.0	ug/l	1	05/25/17 00:06	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:

06/09/2017 11:44

Sample Results

(Continued)

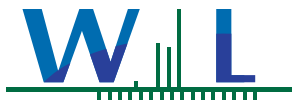
Sample: B-14

Sampled: 05/18/17 8:45 by BS, AS, MC, NR

7E18058-06 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
m-Dichlorobenzene	ND	0.35	1.0	ug/l	1	05/25/17 00:06	
Methyl tert-butyl ether (MTBE)	ND	0.25	3.0	ug/l	1	05/25/17 00:06	
Methylene chloride	ND	0.34	1.0	ug/l	1	05/25/17 00:06	
Naphthalene	ND	0.20	1.0	ug/l	1	05/25/17 00:06	
n-Butylbenzene	ND	0.28	1.0	ug/l	1	05/25/17 00:06	
n-Propylbenzene	ND	0.29	1.0	ug/l	1	05/25/17 00:06	
o-Dichlorobenzene	ND	0.33	1.0	ug/l	1	05/25/17 00:06	
o-Xylene	ND	0.32	1.0	ug/l	1	05/25/17 00:06	
p-Dichlorobenzene	ND	0.37	1.0	ug/l	1	05/25/17 00:06	
p-Isopropyltoluene	ND	0.22	1.0	ug/l	1	05/25/17 00:06	
sec-Butylbenzene	ND	0.25	1.0	ug/l	1	05/25/17 00:06	
Styrene	ND	0.35	1.0	ug/l	1	05/25/17 00:06	
tert-Butylbenzene	ND	0.21	1.0	ug/l	1	05/25/17 00:06	
Tetrachloroethene	ND	0.50	1.0	ug/l	1	05/25/17 00:06	
Toluene	ND	0.45	1.0	ug/l	1	05/25/17 00:06	
trans-1,2-Dichloroethene	ND	0.32	1.0	ug/l	1	05/25/17 00:06	
trans-1,3-Dichloropropene	ND	0.26	1.0	ug/l	1	05/25/17 00:06	
Trichloroethene	2.9	0.35	1.0	ug/l	1	05/25/17 00:06	
Trichlorofluoromethane	ND	0.43	1.0	ug/l	1	05/25/17 00:06	
Vinyl chloride	ND	0.33	1.0	ug/l	1	05/25/17 00:06	
Xylenes, Total	ND	0.32	1.0	ug/l	1	05/25/17 00:06	
<i>Surrogate(s)</i>							
1,2-Dichloroethane-d4	98%	Conc: 48.9	86-126			05/25/17 00:06	
4-Bromofluorobenzene	95%	Conc: 47.6	80-112			05/25/17 00:06	
Dibromofluoromethane	102%	Conc: 51.2	89-120			05/25/17 00:06	
Toluene-d8	101%	Conc: 50.6	91-111			05/25/17 00:06	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

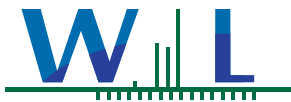
Project Manager: Jesse Orechwa

Sample Results

(Continued)

Sample: Trip Blank
7E18058-07 (Water) Sampled: 05/18/17 0:00 by BS, AS, MC, NR

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B							
Method: EPA 8260B	Batch ID: W7E1490	Prepared: 05/24/17 16:19			Analyst: rhr		
1,1,1,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 20:24	
1,1,1-Trichloroethane	ND	0.39	1.0	ug/l	1	05/24/17 20:24	
1,1,2,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 20:24	
1,1,2-Trichloroethane	ND	0.29	1.0	ug/l	1	05/24/17 20:24	
1,1-Dichloroethane	ND	0.32	1.0	ug/l	1	05/24/17 20:24	
1,1-Dichloroethene	ND	0.34	1.0	ug/l	1	05/24/17 20:24	
1,1-Dichloropropene	ND	0.30	1.0	ug/l	1	05/24/17 20:24	
1,2,3-Trichlorobenzene	ND	0.27	1.0	ug/l	1	05/24/17 20:24	
1,2,3-Trichloropropane	ND	0.36	1.0	ug/l	1	05/24/17 20:24	
1,2,4-Trichlorobenzene	ND	0.31	1.0	ug/l	1	05/24/17 20:24	
1,2,4-Trimethylbenzene	ND	0.26	1.0	ug/l	1	05/24/17 20:24	
1,2-Dibromo-3-chloropropane	ND	0.35	1.0	ug/l	1	05/24/17 20:24	
1,2-Dibromoethane (EDB)	ND	0.30	1.0	ug/l	1	05/24/17 20:24	
1,2-Dichloroethane	ND	0.28	1.0	ug/l	1	05/24/17 20:24	
1,2-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 20:24	
1,3,5-Trimethylbenzene	ND	0.24	1.0	ug/l	1	05/24/17 20:24	
1,3-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 20:24	
1,3-Dichloropropene, Total	ND	0.51	1.0	ug/l	1	05/24/17 20:24	
2,2-Dichloropropane	ND	0.43	1.0	ug/l	1	05/24/17 20:24	
2-Butanone	ND	0.47	5.0	ug/l	1	05/24/17 20:24	
2-Chloroethyl vinyl ether	ND	0.29	5.0	ug/l	1	05/24/17 20:24	
2-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 20:24	
2-Hexanone	ND	0.48	5.0	ug/l	1	05/24/17 20:24	
4-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 20:24	
4-Methyl-2-pentanone	ND	0.52	5.0	ug/l	1	05/24/17 20:24	
Acetone	ND	0.79	5.0	ug/l	1	05/24/17 20:24	
Acrolein	ND	0.44	5.0	ug/l	1	05/24/17 20:24	
Acrylonitrile	ND	0.27	5.0	ug/l	1	05/24/17 20:24	
Benzene	ND	0.30	1.0	ug/l	1	05/24/17 20:24	
Bromobenzene	ND	0.43	1.0	ug/l	1	05/24/17 20:24	
Bromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 20:24	
Bromodichloromethane	ND	0.32	1.0	ug/l	1	05/24/17 20:24	
Bromoform	ND	0.23	1.0	ug/l	1	05/24/17 20:24	
Bromomethane	ND	0.12	1.0	ug/l	1	05/24/17 20:24	
Carbon Disulfide	ND	1.0	1.0	ug/l	1	05/24/17 20:24	
Carbon tetrachloride	ND	0.32	1.0	ug/l	1	05/24/17 20:24	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:

06/09/2017 11:44

Sample Results

(Continued)

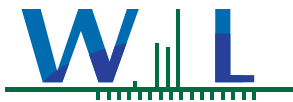
Sample: Trip Blank

Sampled: 05/18/17 0:00 by BS, AS, MC, NR

7E18058-07 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
Chlorobenzene	ND	0.46	1.0	ug/l	1	05/24/17 20:24	
Chloroethane	ND	0.21	1.0	ug/l	1	05/24/17 20:24	
Chloroform	ND	0.31	1.0	ug/l	1	05/24/17 20:24	
Chloromethane	ND	0.27	1.0	ug/l	1	05/24/17 20:24	
cis-1,2-Dichloroethene	ND	0.36	1.0	ug/l	1	05/24/17 20:24	
cis-1,3-Dichloropropene	ND	0.25	1.0	ug/l	1	05/24/17 20:24	
Dibromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 20:24	
Dibromomethane	ND	0.27	1.0	ug/l	1	05/24/17 20:24	
Dichlorodifluoromethane (Freon 12)	ND	0.44	1.0	ug/l	1	05/24/17 20:24	
Ethylbenzene	ND	0.43	1.0	ug/l	1	05/24/17 20:24	
Hexachlorobutadiene	ND	0.30	1.0	ug/l	1	05/24/17 20:24	
Isopropylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 20:24	
m,p-Xylene	ND	0.70	1.0	ug/l	1	05/24/17 20:24	
m-Dichlorobenzene	ND	0.35	1.0	ug/l	1	05/24/17 20:24	
Methyl tert-butyl ether (MTBE)	ND	0.25	3.0	ug/l	1	05/24/17 20:24	
Methylene chloride	ND	0.34	1.0	ug/l	1	05/24/17 20:24	
Naphthalene	0.82	0.20	1.0	ug/l	1	05/24/17 20:24	J
n-Butylbenzene	ND	0.28	1.0	ug/l	1	05/24/17 20:24	
n-Propylbenzene	ND	0.29	1.0	ug/l	1	05/24/17 20:24	
o-Dichlorobenzene	ND	0.33	1.0	ug/l	1	05/24/17 20:24	
o-Xylene	ND	0.32	1.0	ug/l	1	05/24/17 20:24	
p-Dichlorobenzene	ND	0.37	1.0	ug/l	1	05/24/17 20:24	
p-Isopropyltoluene	ND	0.22	1.0	ug/l	1	05/24/17 20:24	
sec-Butylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 20:24	
Styrene	ND	0.35	1.0	ug/l	1	05/24/17 20:24	
tert-Butylbenzene	ND	0.21	1.0	ug/l	1	05/24/17 20:24	
Tetrachloroethene	ND	0.50	1.0	ug/l	1	05/24/17 20:24	
Toluene	ND	0.45	1.0	ug/l	1	05/24/17 20:24	
trans-1,2-Dichloroethene	ND	0.32	1.0	ug/l	1	05/24/17 20:24	
trans-1,3-Dichloropropene	ND	0.26	1.0	ug/l	1	05/24/17 20:24	
Trichloroethene	ND	0.35	1.0	ug/l	1	05/24/17 20:24	
Trichlorofluoromethane	ND	0.43	1.0	ug/l	1	05/24/17 20:24	
Vinyl chloride	ND	0.33	1.0	ug/l	1	05/24/17 20:24	
Xylenes, Total	ND	0.32	1.0	ug/l	1	05/24/17 20:24	
<i>Surrogate(s)</i>							
1,2-Dichloroethane-d4	95%	Conc: 47.4	86-126			05/24/17 20:24	
4-Bromofluorobenzene	95%	Conc: 47.4	80-112			05/24/17 20:24	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

FINAL REPORT

Reported:
06/09/2017 11:44

Sample Results

(Continued)

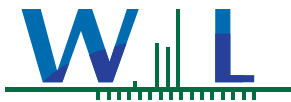
Sample: Trip Blank

Sampled: 05/18/17 0:00 by BS, AS, MC, NR

7E18058-07 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
<i>Dibromofluoromethane</i>	101%	Conc: 50.3	89-120			05/24/17 20:24	
<i>Toluene-d8</i>	98%	Conc: 49.2	91-111			05/24/17 20:24	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

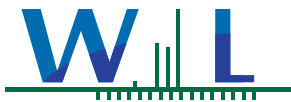
Project Manager: Jesse Orechwa

Sample Results

(Continued)

Sample: Field Blank
7E18058-08 (Water) Sampled: 05/18/17 0:00 by BS, AS, MC, NR

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B							
Method: EPA 8260B	Batch ID: W7E1490	Prepared: 05/24/17 16:19			Analyst: rhr		
1,1,1,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 20:52	
1,1,1-Trichloroethane	ND	0.39	1.0	ug/l	1	05/24/17 20:52	
1,1,2,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 20:52	
1,1,2-Trichloroethane	ND	0.29	1.0	ug/l	1	05/24/17 20:52	
1,1-Dichloroethane	ND	0.32	1.0	ug/l	1	05/24/17 20:52	
1,1-Dichloroethene	ND	0.34	1.0	ug/l	1	05/24/17 20:52	
1,1-Dichloropropene	ND	0.30	1.0	ug/l	1	05/24/17 20:52	
1,2,3-Trichlorobenzene	ND	0.27	1.0	ug/l	1	05/24/17 20:52	
1,2,3-Trichloropropane	ND	0.36	1.0	ug/l	1	05/24/17 20:52	
1,2,4-Trichlorobenzene	ND	0.31	1.0	ug/l	1	05/24/17 20:52	
1,2,4-Trimethylbenzene	ND	0.26	1.0	ug/l	1	05/24/17 20:52	
1,2-Dibromo-3-chloropropane	ND	0.35	1.0	ug/l	1	05/24/17 20:52	
1,2-Dibromoethane (EDB)	ND	0.30	1.0	ug/l	1	05/24/17 20:52	
1,2-Dichloroethane	ND	0.28	1.0	ug/l	1	05/24/17 20:52	
1,2-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 20:52	
1,3,5-Trimethylbenzene	ND	0.24	1.0	ug/l	1	05/24/17 20:52	
1,3-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 20:52	
1,3-Dichloropropene, Total	ND	0.51	1.0	ug/l	1	05/24/17 20:52	
2,2-Dichloropropane	ND	0.43	1.0	ug/l	1	05/24/17 20:52	
2-Butanone	ND	0.47	5.0	ug/l	1	05/24/17 20:52	
2-Chloroethyl vinyl ether	ND	0.29	5.0	ug/l	1	05/24/17 20:52	
2-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 20:52	
2-Hexanone	ND	0.48	5.0	ug/l	1	05/24/17 20:52	
4-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 20:52	
4-Methyl-2-pentanone	ND	0.52	5.0	ug/l	1	05/24/17 20:52	
Acetone	ND	0.79	5.0	ug/l	1	05/24/17 20:52	
Acrolein	ND	0.44	5.0	ug/l	1	05/24/17 20:52	
Acrylonitrile	ND	0.27	5.0	ug/l	1	05/24/17 20:52	
Benzene	ND	0.30	1.0	ug/l	1	05/24/17 20:52	
Bromobenzene	ND	0.43	1.0	ug/l	1	05/24/17 20:52	
Bromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 20:52	
Bromodichloromethane	ND	0.32	1.0	ug/l	1	05/24/17 20:52	
Bromoform	ND	0.23	1.0	ug/l	1	05/24/17 20:52	
Bromomethane	ND	0.12	1.0	ug/l	1	05/24/17 20:52	
Carbon Disulfide	ND	1.0	1.0	ug/l	1	05/24/17 20:52	
Carbon tetrachloride	ND	0.32	1.0	ug/l	1	05/24/17 20:52	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:
06/09/2017 11:44

Sample Results

(Continued)

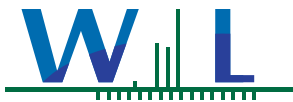
Sample: Field Blank

Sampled: 05/18/17 0:00 by BS, AS, MC, NR

7E18058-08 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
Chlorobenzene	ND	0.46	1.0	ug/l	1	05/24/17 20:52	
Chloroethane	ND	0.21	1.0	ug/l	1	05/24/17 20:52	
Chloroform	ND	0.31	1.0	ug/l	1	05/24/17 20:52	
Chloromethane	ND	0.27	1.0	ug/l	1	05/24/17 20:52	
cis-1,2-Dichloroethene	ND	0.36	1.0	ug/l	1	05/24/17 20:52	
cis-1,3-Dichloropropene	ND	0.25	1.0	ug/l	1	05/24/17 20:52	
Dibromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 20:52	
Dibromomethane	ND	0.27	1.0	ug/l	1	05/24/17 20:52	
Dichlorodifluoromethane (Freon 12)	ND	0.44	1.0	ug/l	1	05/24/17 20:52	
Ethylbenzene	ND	0.43	1.0	ug/l	1	05/24/17 20:52	
Hexachlorobutadiene	ND	0.30	1.0	ug/l	1	05/24/17 20:52	
Isopropylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 20:52	
m,p-Xylene	ND	0.70	1.0	ug/l	1	05/24/17 20:52	
m-Dichlorobenzene	ND	0.35	1.0	ug/l	1	05/24/17 20:52	
Methyl tert-butyl ether (MTBE)	ND	0.25	3.0	ug/l	1	05/24/17 20:52	
Methylene chloride	16	0.34	1.0	ug/l	1	05/24/17 20:52	
Naphthalene	0.85	0.20	1.0	ug/l	1	05/24/17 20:52	J
n-Butylbenzene	ND	0.28	1.0	ug/l	1	05/24/17 20:52	
n-Propylbenzene	ND	0.29	1.0	ug/l	1	05/24/17 20:52	
o-Dichlorobenzene	ND	0.33	1.0	ug/l	1	05/24/17 20:52	
o-Xylene	ND	0.32	1.0	ug/l	1	05/24/17 20:52	
p-Dichlorobenzene	ND	0.37	1.0	ug/l	1	05/24/17 20:52	
p-Isopropyltoluene	ND	0.22	1.0	ug/l	1	05/24/17 20:52	
sec-Butylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 20:52	
Styrene	ND	0.35	1.0	ug/l	1	05/24/17 20:52	
tert-Butylbenzene	ND	0.21	1.0	ug/l	1	05/24/17 20:52	
Tetrachloroethene	ND	0.50	1.0	ug/l	1	05/24/17 20:52	
Toluene	ND	0.45	1.0	ug/l	1	05/24/17 20:52	
trans-1,2-Dichloroethene	ND	0.32	1.0	ug/l	1	05/24/17 20:52	
trans-1,3-Dichloropropene	ND	0.26	1.0	ug/l	1	05/24/17 20:52	
Trichloroethene	ND	0.35	1.0	ug/l	1	05/24/17 20:52	
Trichlorofluoromethane	ND	0.43	1.0	ug/l	1	05/24/17 20:52	
Vinyl chloride	ND	0.33	1.0	ug/l	1	05/24/17 20:52	
Xylenes, Total	ND	0.32	1.0	ug/l	1	05/24/17 20:52	
<i>Surrogate(s)</i>							
1,2-Dichloroethane-d4	100%	Conc: 50.0	86-126			05/24/17 20:52	
4-Bromofluorobenzene	95%	Conc: 47.7	80-112			05/24/17 20:52	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

FINAL REPORT

Reported:
06/09/2017 11:44

Sample Results

(Continued)

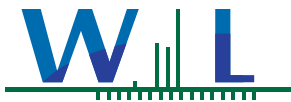
Sample: Field Blank

Sampled: 05/18/17 0:00 by BS, AS, MC, NR

7E18058-08 (Water)

(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
<i>Dibromofluoromethane</i>	102%	Conc: 50.9	89-120			05/24/17 20:52	
<i>Toluene-d8</i>	99%	Conc: 49.4	91-111			05/24/17 20:52	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

Project Manager: Jesse Orechwa

Sample Results

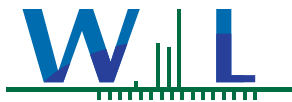
(Continued)

Sample: B-DUP
7E18058-09 (Water) Sampled: 05/18/17 0:00 by BS, AS, MC, NR

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Anions by IC, EPA Method 300.0							
Method: EPA 300.0		Batch ID: W7E1175		Prepared: 05/19/17 10:43		Analyst: jan	
Nitrate as N	10000	100	560	ug/l	5	05/19/17 20:21	
Method: EPA 300.0		Batch ID: W7E1708		Prepared: 05/30/17 14:41		Analyst: jan	
Chloride, Total	19	0.10	0.50	mg/l	1	05/30/17 15:48	
Sulfate as SO4	49	0.10	0.50	mg/l	1	05/30/17 15:48	
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods							
Method: EPA 410.4		Batch ID: W7E1615		Prepared: 05/26/17 13:13		Analyst: mnq	
Chemical Oxygen Demand	1.4	0.73	5.0	mg/l	1	05/31/17 10:42	J
Method: SM 2320B		Batch ID: W7E1171		Prepared: 05/19/17 09:47		Analyst: dmn	
Alkalinity as CaCO3	200	0.56	10	mg/l	1	05/19/17 13:29	
Bicarbonate Alkalinity as HCO3	240	0.56	10	mg/l	1	05/19/17 13:29	
Carbonate Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Hydroxide Alkalinity as CaCO3	ND	0.56	2.0	mg/l	1	05/19/17 13:29	
Method: SM 2540C		Batch ID: W7E1260		Prepared: 05/22/17 10:55		Analyst: stg	
Total Dissolved Solids	390	4.0	10	mg/l	1	05/22/17 14:02	
Method: SM 4500CO2-C		Batch ID: W7E1149		Prepared: 05/18/17 17:39		Analyst: mbc	
Carbon dioxide, free	1.24		2.00	mg/l	1	05/18/17 18:41	J
Fumigants by EPA Method 504.1							
Method: EPA 504.1		Batch ID: W7E1426		Prepared: 05/24/17 16:24		Analyst: cam	
1,2-Dibromo-3-chloropropane	0.053	0.0034	0.010	ug/l	1	05/25/17 02:11	
1,2-Dibromoethane (EDB)	ND	0.0054	0.020	ug/l	1	05/25/17 02:11	
Perchlorate by EPA 314.0							
Method: EPA 314.0		Batch ID: W7E1770		Prepared: 05/31/17 12:30		Analyst: blg	
Perchlorate	27	0.95	2.0	ug/l	1	06/01/17 01:35	
Volatile Organic Compounds by EPA Method 8260B							
Method: EPA 8260B		Batch ID: W7E1490		Prepared: 05/24/17 16:19		Analyst: rhr	
1,1,1,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 21:20	
1,1,1-Trichloroethane	ND	0.39	1.0	ug/l	1	05/24/17 21:20	
1,1,2,2-Tetrachloroethane	ND	0.34	1.0	ug/l	1	05/24/17 21:20	
1,1,2-Trichloroethane	ND	0.29	1.0	ug/l	1	05/24/17 21:20	
1,1-Dichloroethane	ND	0.32	1.0	ug/l	1	05/24/17 21:20	
1,1-Dichloroethene	ND	0.34	1.0	ug/l	1	05/24/17 21:20	
1,1-Dichloropropene	ND	0.30	1.0	ug/l	1	05/24/17 21:20	
1,2,3-Trichlorobenzene	ND	0.27	1.0	ug/l	1	05/24/17 21:20	
1,2,3-Trichloropropane	ND	0.36	1.0	ug/l	1	05/24/17 21:20	
1,2,4-Trichlorobenzene	ND	0.31	1.0	ug/l	1	05/24/17 21:20	
1,2,4-Trimethylbenzene	ND	0.26	1.0	ug/l	1	05/24/17 21:20	
1,2-Dibromo-3-chloropropane	ND	0.35	1.0	ug/l	1	05/24/17 21:20	

7E18058

Page 27 of 48



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:
06/09/2017 11:44

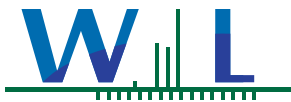
Sample Results

(Continued)

Sample: B-DUP
7E18058-09 (Water)

Sampled: 05/18/17 0:00 by BS, AS, MC, NR
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
1,2-Dibromoethane (EDB)	ND	0.30	1.0	ug/l	1	05/24/17 21:20	
1,2-Dichloroethane	ND	0.28	1.0	ug/l	1	05/24/17 21:20	
1,2-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 21:20	
1,3,5-Trimethylbenzene	ND	0.24	1.0	ug/l	1	05/24/17 21:20	
1,3-Dichloropropane	ND	0.28	1.0	ug/l	1	05/24/17 21:20	
1,3-Dichloropropene, Total	ND	0.51	1.0	ug/l	1	05/24/17 21:20	
2,2-Dichloropropane	ND	0.43	1.0	ug/l	1	05/24/17 21:20	
2-Butanone	ND	0.47	5.0	ug/l	1	05/24/17 21:20	
2-Chloroethyl vinyl ether	ND	0.29	5.0	ug/l	1	05/24/17 21:20	
2-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 21:20	
2-Hexanone	ND	0.48	5.0	ug/l	1	05/24/17 21:20	
4-Chlorotoluene	ND	0.29	1.0	ug/l	1	05/24/17 21:20	
4-Methyl-2-pentanone	ND	0.52	5.0	ug/l	1	05/24/17 21:20	
Acetone	ND	0.79	5.0	ug/l	1	05/24/17 21:20	
Acrolein	ND	0.44	5.0	ug/l	1	05/24/17 21:20	
Acrylonitrile	ND	0.27	5.0	ug/l	1	05/24/17 21:20	
Benzene	ND	0.30	1.0	ug/l	1	05/24/17 21:20	
Bromobenzene	ND	0.43	1.0	ug/l	1	05/24/17 21:20	
Bromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 21:20	
Bromodichloromethane	ND	0.32	1.0	ug/l	1	05/24/17 21:20	
Bromoform	ND	0.23	1.0	ug/l	1	05/24/17 21:20	
Bromomethane	ND	0.12	1.0	ug/l	1	05/24/17 21:20	
Carbon Disulfide	ND	1.0	1.0	ug/l	1	05/24/17 21:20	
Carbon tetrachloride	ND	0.32	1.0	ug/l	1	05/24/17 21:20	
Chlorobenzene	ND	0.46	1.0	ug/l	1	05/24/17 21:20	
Chloroethane	ND	0.21	1.0	ug/l	1	05/24/17 21:20	
Chloroform	ND	0.31	1.0	ug/l	1	05/24/17 21:20	
Chloromethane	ND	0.27	1.0	ug/l	1	05/24/17 21:20	
cis-1,2-Dichloroethene	ND	0.36	1.0	ug/l	1	05/24/17 21:20	
cis-1,3-Dichloropropene	ND	0.25	1.0	ug/l	1	05/24/17 21:20	
Dibromochloromethane	ND	0.29	1.0	ug/l	1	05/24/17 21:20	
Dibromomethane	ND	0.27	1.0	ug/l	1	05/24/17 21:20	
Dichlorodifluoromethane (Freon 12)	ND	0.44	1.0	ug/l	1	05/24/17 21:20	
Ethylbenzene	ND	0.43	1.0	ug/l	1	05/24/17 21:20	
Hexachlorobutadiene	ND	0.30	1.0	ug/l	1	05/24/17 21:20	
Isopropylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 21:20	
m,p-Xylene	ND	0.70	1.0	ug/l	1	05/24/17 21:20	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

Reported:
06/09/2017 11:44

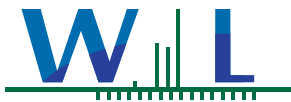
Sample Results

(Continued)

Sample: B-DUP
7E18058-09 (Water)

Sampled: 05/18/17 0:00 by BS, AS, MC, NR
(Continued)

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Volatile Organic Compounds by EPA Method 8260B (Continued)							
m-Dichlorobenzene	ND	0.35	1.0	ug/l	1	05/24/17 21:20	
Methyl tert-butyl ether (MTBE)	ND	0.25	3.0	ug/l	1	05/24/17 21:20	
Methylene chloride	ND	0.34	1.0	ug/l	1	05/24/17 21:20	
Naphthalene	0.82	0.20	1.0	ug/l	1	05/24/17 21:20	J
n-Butylbenzene	ND	0.28	1.0	ug/l	1	05/24/17 21:20	
n-Propylbenzene	ND	0.29	1.0	ug/l	1	05/24/17 21:20	
o-Dichlorobenzene	ND	0.33	1.0	ug/l	1	05/24/17 21:20	
o-Xylene	ND	0.32	1.0	ug/l	1	05/24/17 21:20	
p-Dichlorobenzene	ND	0.37	1.0	ug/l	1	05/24/17 21:20	
p-Isopropyltoluene	ND	0.22	1.0	ug/l	1	05/24/17 21:20	
sec-Butylbenzene	ND	0.25	1.0	ug/l	1	05/24/17 21:20	
Styrene	ND	0.35	1.0	ug/l	1	05/24/17 21:20	
tert-Butylbenzene	ND	0.21	1.0	ug/l	1	05/24/17 21:20	
Tetrachloroethene	ND	0.50	1.0	ug/l	1	05/24/17 21:20	
Toluene	ND	0.45	1.0	ug/l	1	05/24/17 21:20	
trans-1,2-Dichloroethene	ND	0.32	1.0	ug/l	1	05/24/17 21:20	
trans-1,3-Dichloropropene	ND	0.26	1.0	ug/l	1	05/24/17 21:20	
Trichloroethene	2.8	0.35	1.0	ug/l	1	05/24/17 21:20	
Trichlorofluoromethane	ND	0.43	1.0	ug/l	1	05/24/17 21:20	
Vinyl chloride	ND	0.33	1.0	ug/l	1	05/24/17 21:20	
Xylenes, Total	ND	0.32	1.0	ug/l	1	05/24/17 21:20	
<i>Surrogate(s)</i>							
1,2-Dichloroethane-d4	96%	Conc: 47.9	86-126			05/24/17 21:20	
4-Bromofluorobenzene	94%	Conc: 47.0	80-112			05/24/17 21:20	
Dibromofluoromethane	100%	Conc: 50.0	89-120			05/24/17 21:20	
Toluene-d8	100%	Conc: 49.8	91-111			05/24/17 21:20	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

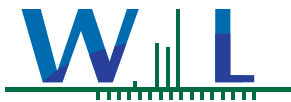
Reported:
06/09/2017 11:44

Project Manager: Jesse Orechwa

Quality Control Results

Anions by IC, EPA Method 300.0

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1175 - EPA 300.0										
Blank (W7E1175-BLK1) Prepared & Analyzed: 05/19/17										
Nitrate as N	ND	20	ug/l							
LCS (W7E1175-BS1) Prepared & Analyzed: 05/19/17										
Nitrate as N	2060	20	ug/l	2000		103	90-110			
Matrix Spike (W7E1175-MS1) Source: 7E18065-01 Prepared & Analyzed: 05/19/17										
Nitrate as N	3900	20	ug/l	2000	2030	94	84-115			
Matrix Spike Dup (W7E1175-MSD1) Source: 7E18065-01 Prepared & Analyzed: 05/19/17										
Nitrate as N	4040	20	ug/l	2000	2030	100	84-115	4	20	
Batch: W7E1708 - EPA 300.0										
Blank (W7E1708-BLK1) Prepared & Analyzed: 05/30/17										
Chloride, Total	ND	0.10	mg/l							
Sulfate as SO4	0.125	0.10	mg/l							B-07, J
LCS (W7E1708-BS1) Prepared & Analyzed: 05/30/17										
Chloride, Total	10.7	0.10	mg/l	10.0		107	90-110			
Sulfate as SO4	10.7	0.10	mg/l	10.0		107	90-110			
Matrix Spike (W7E1708-MS1) Source: 7E18042-01 Prepared & Analyzed: 05/30/17										
Chloride, Total	236	1.0	mg/l	100	132	104	76-118			
Sulfate as SO4	349	1.0	mg/l	100	202	147	78-111			MS-02
Matrix Spike (W7E1708-MS2) Source: 7E25065-04 Prepared & Analyzed: 05/30/17										
Chloride, Total	121	1.0	mg/l	100	23.4	97	76-118			
Sulfate as SO4	130	1.0	mg/l	100	27.7	102	78-111			



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

FINAL REPORT

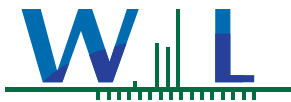
Reported:
06/09/2017 11:44

Quality Control Results

(Continued)

Anions by IC, EPA Method 300.0 (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W7E1708 - EPA 300.0 (Continued)										
Matrix Spike Dup (W7E1708-MSD1)			Source: 7E18042-01		Prepared & Analyzed: 05/30/17					
Chloride, Total	235	1.0	mg/l	100	132	103	76-118	0.3	20	
Sulfate as SO4	348	1.0	mg/l	100	202	146	78-111	0.3	20	MS-02
Matrix Spike Dup (W7E1708-MSD2)			Source: 7E25065-04		Prepared & Analyzed: 05/30/17					
Chloride, Total	121	1.0	mg/l	100	23.4	97	76-118	0.1	20	
Sulfate as SO4	130	1.0	mg/l	100	27.7	102	78-111	0.4	20	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Certificate of Analysis

FINAL REPORT

Project Number: 2016-0158 California St.

Reported:

06/09/2017 11:44

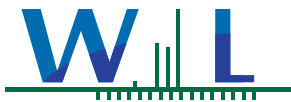
Project Manager: Jesse Orechwa

Quality Control Results

(Continued)

Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1149 - SM 4500CO2-C										
Blank (W7E1149-BLK1) Prepared & Analyzed: 05/18/17										
Carbon dioxide, free	0.828		mg/l							J
Duplicate (W7E1149-DUP1) Source: 7E18058-01 Prepared & Analyzed: 05/18/17										
Carbon dioxide, free	5.80		mg/l		5.80			0	20	
Batch: W7E1171 - SM 2320B										
Blank (W7E1171-BLK1) Prepared & Analyzed: 05/19/17										
Alkalinity as CaCO3	2.69	0.56	mg/l							J
Bicarbonate Alkalinity as HCO3	3.29	0.56	mg/l							J
Carbonate Alkalinity as CaCO3	ND	0.56	mg/l							
Hydroxide Alkalinity as CaCO3	ND	0.56	mg/l							
LCS (W7E1171-BS1) Prepared & Analyzed: 05/19/17										
Alkalinity as CaCO3	244	0.56	mg/l	250		98	94-108			
Bicarbonate Alkalinity as HCO3	298	0.56	mg/l	305		98	95-108			
Duplicate (W7E1171-DUP1) Source: 7E18055-01 Prepared & Analyzed: 05/19/17										
Alkalinity as CaCO3	272	0.56	mg/l		272			0.2	15	
Bicarbonate Alkalinity as HCO3	332	0.56	mg/l		332			0.2	15	
Carbonate Alkalinity as CaCO3	ND	0.56	mg/l		ND				15	
Hydroxide Alkalinity as CaCO3	ND	0.56	mg/l		ND				15	
Batch: W7E1260 - SM 2540C										
Blank (W7E1260-BLK1) Prepared & Analyzed: 05/22/17										
Total Dissolved Solids	ND	4.0	mg/l							



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

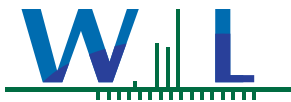
Reported:
06/09/2017 11:44

Quality Control Results

(Continued)

Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1260 - SM 2540C (Continued)										
LCS (W7E1260-BS1)										
Total Dissolved Solids	827	4.0	mg/l	824		100	96-102			
Duplicate (W7E1260-DUP1) Source: 7E18058-01 Prepared & Analyzed: 05/22/17										
Total Dissolved Solids	589	4.0	mg/l		596			1	10	
Duplicate (W7E1260-DUP2) Source: 7E18055-02 Prepared & Analyzed: 05/22/17										
Total Dissolved Solids	1530	4.0	mg/l		1550			1	10	
Batch: W7E1536 - EPA 410.4										
Blank (W7E1536-BLK1) Prepared: 05/25/17 Analyzed: 05/26/17										
Chemical Oxygen Demand	ND	0.73	mg/l							
LCS (W7E1536-BS1) Prepared: 05/25/17 Analyzed: 05/26/17										
Chemical Oxygen Demand	98.3	0.73	mg/l	100		98	90-110			
Duplicate (W7E1536-DUP1) Source: 7E24015-01 Prepared: 05/25/17 Analyzed: 05/26/17										
Chemical Oxygen Demand	680	1.5	mg/l		712			5	15	
Matrix Spike (W7E1536-MS1) Source: 7E18058-01 Prepared: 05/25/17 Analyzed: 05/26/17										
Chemical Oxygen Demand	216	1.5	mg/l	200	10.6	103	90-110			
Matrix Spike (W7E1536-MS2) Source: 7E18058-02 Prepared: 05/25/17 Analyzed: 05/26/17										
Chemical Oxygen Demand	205	1.5	mg/l	200	7.95	99	90-110			
Matrix Spike Dup (W7E1536-MSD1) Source: 7E18058-01 Prepared: 05/25/17 Analyzed: 05/26/17										
Chemical Oxygen Demand	210	1.5	mg/l	200	10.6	100	90-110	2	15	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

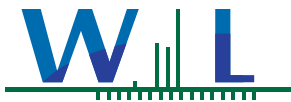
Reported:
06/09/2017 11:44

Quality Control Results

(Continued)

Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1536 - EPA 410.4 (Continued)										
Matrix Spike Dup (W7E1536-MSD2)			Source: 7E18058-02		Prepared: 05/25/17 Analyzed: 05/26/17					
Chemical Oxygen Demand	213	1.5	mg/l	200	7.95	103	90-110	4	15	
Batch: W7E1615 - EPA 410.4										
Blank (W7E1615-BLK1)			Source: 7E18058-02		Prepared: 05/26/17 Analyzed: 05/31/17					
Chemical Oxygen Demand	1.09	0.73	mg/l							J
LCS (W7E1615-BS1)			Source: 7E18058-02		Prepared: 05/26/17 Analyzed: 05/31/17					
Chemical Oxygen Demand	98.7	0.73	mg/l	100	99	90-110				
Duplicate (W7E1615-DUP1)			Source: 7E19035-01		Prepared: 05/26/17 Analyzed: 05/31/17					
Chemical Oxygen Demand	1200	1.5	mg/l		1160			4	15	
Matrix Spike (W7E1615-MS1)			Source: 7E18058-03		Prepared: 05/26/17 Analyzed: 05/31/17					
Chemical Oxygen Demand	201	1.5	mg/l	200	6.09	98	90-110			
Matrix Spike (W7E1615-MS2)			Source: 7E18058-04		Prepared: 05/26/17 Analyzed: 05/31/17					
Chemical Oxygen Demand	211	1.5	mg/l	200	3.38	104	90-110			
Matrix Spike Dup (W7E1615-MSD1)			Source: 7E18058-03		Prepared: 05/26/17 Analyzed: 05/31/17					
Chemical Oxygen Demand	217	1.5	mg/l	200	6.09	105	90-110	7	15	
Matrix Spike Dup (W7E1615-MSD2)			Source: 7E18058-04		Prepared: 05/26/17 Analyzed: 05/31/17					
Chemical Oxygen Demand	211	1.5	mg/l	200	3.38	104	90-110	0.3	15	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

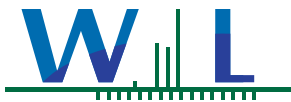
Project Manager: Jesse Orechwa

Quality Control Results

(Continued)

Fumigants by EPA Method 504.1

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1426 - EPA 504.1										
Blank (W7E1426-BLK1)										
Prepared & Analyzed: 05/24/17										
1,2-Dibromo-3-chloropropane	ND	0.0034	ug/l							
1,2-Dibromoethane (EDB)	ND	0.0054	ug/l							
LCS (W7E1426-BS1)										
Prepared & Analyzed: 05/24/17										
1,2-Dibromo-3-chloropropane	0.110	0.0034	ug/l	0.100		110	70-130			
1,2-Dibromoethane (EDB)	0.104	0.0054	ug/l	0.100		104	70-130			
LCS (W7E1426-BS2)										
Prepared & Analyzed: 05/24/17										
1,2-Dibromo-3-chloropropane	0.0230	0.0034	ug/l	0.0200		115	70-130			
1,2-Dibromoethane (EDB)	0.0250	0.0054	ug/l	0.0200		125	70-130			
Matrix Spike (W7E1426-MS1)										
Source: 7E22108-01										
Prepared & Analyzed: 05/24/17										
1,2-Dibromo-3-chloropropane	0.166	0.0034	ug/l	0.100	0.0510	115	65-135			
1,2-Dibromoethane (EDB)	0.182	0.0054	ug/l	0.100	ND	182	65-135			M-05
Matrix Spike Dup (W7E1426-MSD1)										
Source: 7E22108-01										
Prepared & Analyzed: 05/24/17										
1,2-Dibromo-3-chloropropane	0.160	0.0034	ug/l	0.100	0.0510	109	65-135	4	30	
1,2-Dibromoethane (EDB)	0.170	0.0054	ug/l	0.100	ND	170	65-135	7	30	M-05



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

FINAL REPORT

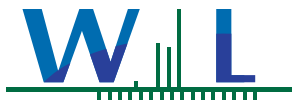
Reported:
06/09/2017 11:44

Quality Control Results

(Continued)

Perchlorate by EPA 314.0

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1770 - EPA 314.0										
Blank (W7E1770-BLK1)										
Perchlorate	ND	0.95	ug/l							
				Prepared & Analyzed: 05/31/17						
LCS (W7E1770-BS1)										
Perchlorate	10.6	0.95	ug/l	10.0		106	85-115			
				Prepared & Analyzed: 05/31/17						
Matrix Spike (W7E1770-MS1)										
Perchlorate	17.3	0.95	ug/l	10.0	6.74	105	80-120			
				Prepared & Analyzed: 05/31/17						
Matrix Spike Dup (W7E1770-MSD1)										
Perchlorate	17.9	0.95	ug/l	10.0	6.74	111	80-120	3	15	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Certificate of Analysis

FINAL REPORT

Project Number: 2016-0158 California St.

Reported:

06/09/2017 11:44

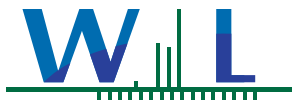
Project Manager: Jesse Orechwa

Quality Control Results

(Continued)

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Qualifier
Batch: W7E1490 - EPA 8260B				Prepared & Analyzed: 05/24/17						
Blank (W7E1490-BLK1)										
1,1,1,2-Tetrachloroethane	ND	0.34	ug/l							
1,1,1-Trichloroethane	ND	0.39	ug/l							
1,1,2,2-Tetrachloroethane	ND	0.34	ug/l							
1,1,2-Trichloroethane	ND	0.29	ug/l							
1,1-Dichloroethane	ND	0.32	ug/l							
1,1-Dichloroethene	ND	0.34	ug/l							
1,1-Dichloropropene	ND	0.30	ug/l							
1,2,3-Trichlorobenzene	ND	0.27	ug/l							
1,2,3-Trichloropropane	ND	0.36	ug/l							
1,2,4-Trichlorobenzene	ND	0.31	ug/l							
1,2,4-Trimethylbenzene	ND	0.26	ug/l							
1,2-Dibromo-3-chloropropane	ND	0.35	ug/l							
1,2-Dibromoethane (EDB)	ND	0.30	ug/l							
1,2-Dichloroethane	ND	0.28	ug/l							
1,2-Dichloropropane	ND	0.28	ug/l							
1,3,5-Trimethylbenzene	ND	0.24	ug/l							
1,3-Dichloropropane	ND	0.28	ug/l							
1,3-Dichloropropene, Total	ND	0.51	ug/l							
2,2-Dichloropropane	ND	0.43	ug/l							
2-Butanone	ND	0.47	ug/l							
2-Chloroethyl vinyl ether	ND	0.29	ug/l							
2-Chlorotoluene	ND	0.29	ug/l							
2-Hexanone	ND	0.48	ug/l							
4-Chlorotoluene	ND	0.29	ug/l							
4-Methyl-2-pentanone	ND	0.52	ug/l							
Acetone	ND	0.79	ug/l							
Acrolein	ND	0.44	ug/l							
Acrylonitrile	ND	0.27	ug/l							
Benzene	ND	0.30	ug/l							
Bromobenzene	ND	0.43	ug/l							
Bromochloromethane	ND	0.29	ug/l							
Bromodichloromethane	ND	0.32	ug/l							
Bromoform	ND	0.23	ug/l							
Bromomethane	ND	0.12	ug/l							
Carbon Disulfide	ND	1.0	ug/l							
Carbon tetrachloride	ND	0.32	ug/l							
Chlorobenzene	ND	0.46	ug/l							



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

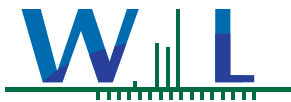
Project Manager: Jesse Orechwa

Quality Control Results

(Continued)

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W7E1490 - EPA 8260B (Continued)										
Blank (W7E1490-BLK1)										
Prepared & Analyzed: 05/24/17										
Chloroethane	ND	0.21	ug/l							
Chloroform	ND	0.31	ug/l							
Chloromethane	ND	0.27	ug/l							
cis-1,2-Dichloroethene	ND	0.36	ug/l							
cis-1,3-Dichloropropene	ND	0.25	ug/l							
Dibromochloromethane	ND	0.29	ug/l							
Dibromomethane	ND	0.27	ug/l							
Dichlorodifluoromethane (Freon 12)	ND	0.44	ug/l							
Ethylbenzene	ND	0.43	ug/l							
Hexachlorobutadiene	ND	0.30	ug/l							
Isopropylbenzene	ND	0.25	ug/l							
m,p-Xylene	ND	0.70	ug/l							
m-Dichlorobenzene	ND	0.35	ug/l							
Methyl tert-butyl ether (MTBE)	ND	0.25	ug/l							
Methylene chloride	ND	0.34	ug/l							
Naphthalene	0.870	0.20	ug/l							J
n-Butylbenzene	ND	0.28	ug/l							
n-Propylbenzene	ND	0.29	ug/l							
o-Dichlorobenzene	ND	0.33	ug/l							
o-Xylene	ND	0.32	ug/l							
p-Dichlorobenzene	ND	0.37	ug/l							
p-Isopropyltoluene	ND	0.22	ug/l							
sec-Butylbenzene	ND	0.25	ug/l							
Styrene	ND	0.35	ug/l							
tert-Butylbenzene	ND	0.21	ug/l							
Tetrachloroethene	ND	0.50	ug/l							
Toluene	ND	0.45	ug/l							
trans-1,2-Dichloroethene	ND	0.32	ug/l							
trans-1,3-Dichloropropene	ND	0.26	ug/l							
Trichloroethene	ND	0.35	ug/l							
Trichlorofluoromethane	ND	0.43	ug/l							
Vinyl chloride	ND	0.33	ug/l							
Xylenes, Total	ND	0.32	ug/l							
<i>Surrogate(s)</i>										
1,2-Dichloroethane-d4			48.1	ug/l	50.0		96	86-126		
4-Bromofluorobenzene			47.1	ug/l	50.0		94	80-112		
Dibromofluoromethane			49.5	ug/l	50.0		99	89-120		



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

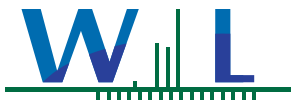
Reported:
06/09/2017 11:44

Quality Control Results

(Continued)

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1490 - EPA 8260B (Continued)										
Blank (W7E1490-BLK1)										
Prepared & Analyzed: 05/24/17										
<i>Surrogate(s)</i>										
Toluene-d8			50.3	ug/l	50.0	101	91-111			
LCS (W7E1490-BS1)										
Prepared & Analyzed: 05/24/17										
1,1,1,2-Tetrachloroethane	45.0	0.34		ug/l	50.0	90	83-118			
1,1,1-Trichloroethane	48.0	0.39		ug/l	50.0	96	82-123			
1,1,2,2-Tetrachloroethane	46.6	0.34		ug/l	50.0	93	72-116			
1,1,2-Trichloroethane	45.0	0.29		ug/l	50.0	90	84-118			
1,1-Dichloroethane	48.0	0.32		ug/l	50.0	96	83-114			
1,1-Dichloroethene	48.8	0.34		ug/l	50.0	98	76-130			
1,1-Dichloropropene	53.5	0.30		ug/l	50.0	107	82-128			
1,2,3-Trichlorobenzene	50.1	0.27		ug/l	50.0	100	70-134			
1,2,3-Trichloropropane	48.2	0.36		ug/l	50.0	96	72-117			
1,2,4-Trichlorobenzene	52.1	0.31		ug/l	50.0	104	70-131			
1,2,4-Trimethylbenzene	54.3	0.26		ug/l	50.0	109	83-119			
1,2-Dibromo-3-chloropropane	50.4	0.35		ug/l	50.0	101	67-126			
1,2-Dibromoethane (EDB)	46.8	0.30		ug/l	50.0	94	85-123			
1,2-Dichloroethane	48.5	0.28		ug/l	50.0	97	79-117			
1,2-Dichloropropane	48.6	0.28		ug/l	50.0	97	79-124			
1,3,5-Trimethylbenzene	52.4	0.24		ug/l	50.0	105	81-119			
1,3-Dichloropropane	49.0	0.28		ug/l	50.0	98	79-129			
2,2-Dichloropropane	46.1	0.43		ug/l	50.0	92	73-131			
2-Butanone	54.5	0.47		ug/l	50.0	109	66-134			
2-Chloroethyl vinyl ether	58.6	0.29		ug/l	50.0	117	55-141			
2-Chlorotoluene	51.8	0.29		ug/l	50.0	104	76-125			
2-Hexanone	51.2	0.48		ug/l	50.0	102	66-142			
4-Chlorotoluene	52.5	0.29		ug/l	50.0	105	74-125			
4-Methyl-2-pentanone	50.5	0.52		ug/l	50.0	101	68-139			
Acetone	54.0	0.79		ug/l	50.0	108	58-147			
Acrolein	51.3	0.44		ug/l	50.0	103	40-158			
Acrylonitrile	47.6	0.27		ug/l	50.0	95	67-131			
Benzene	49.7	0.30		ug/l	50.0	99	80-117			
Bromobenzene	49.0	0.43		ug/l	50.0	98	80-112			
Bromochloromethane	48.8	0.29		ug/l	50.0	98	79-117			
Bromodichloromethane	49.0	0.32		ug/l	50.0	98	83-132			
Bromoform	46.8	0.23		ug/l	50.0	94	72-129			
Bromomethane	51.1	0.12		ug/l	50.0	102	52-144			
Carbon Disulfide	54.8	1.0		ug/l	50.0	110	76-124			



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

Project Manager: Jesse Orechwa

Quality Control Results

(Continued)

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1490 - EPA 8260B (Continued)										
LCS (W7E1490-BS1)					Prepared & Analyzed: 05/24/17					
Carbon tetrachloride	48.2	0.32	ug/l	50.0		96	77-134			
Chlorobenzene	48.6	0.46	ug/l	50.0		97	82-114			
Chloroethane	45.4	0.21	ug/l	50.0		91	68-127			
Chloroform	51.4	0.31	ug/l	50.0		103	83-118			
Chloromethane	46.2	0.27	ug/l	50.0		92	59-120			
cis-1,2-Dichloroethene	48.7	0.36	ug/l	50.0		97	80-126			
cis-1,3-Dichloropropene	51.3	0.25	ug/l	50.0		103	84-130			
Dibromochloromethane	46.9	0.29	ug/l	50.0		94	83-132			
Dibromomethane	46.5	0.27	ug/l	50.0		93	80-122			
Dichlorodifluoromethane (Freon 12)	49.6	0.44	ug/l	50.0		99	65-119			
Ethylbenzene	49.7	0.43	ug/l	50.0		99	76-131			
Hexachlorobutadiene	49.7	0.30	ug/l	50.0		99	71-124			
Isopropylbenzene	54.2	0.25	ug/l	50.0		108	81-119			
m,p-Xylene	53.2	0.70	ug/l	50.0		106	80-126			
m-Dichlorobenzene	49.9	0.35	ug/l	50.0		100	79-119			
Methyl tert-butyl ether (MTBE)	51.5	0.25	ug/l	50.0		103	79-131			
Methylene chloride	46.3	0.34	ug/l	50.0		93	78-115			
Naphthalene	49.8	0.20	ug/l	50.0		100	64-145			
n-Butylbenzene	52.1	0.28	ug/l	50.0		104	79-121			
n-Propylbenzene	50.7	0.29	ug/l	50.0		101	78-123			
o-Dichlorobenzene	50.7	0.33	ug/l	50.0		101	80-117			
o-Xylene	53.1	0.32	ug/l	50.0		106	84-121			
p-Dichlorobenzene	47.5	0.37	ug/l	50.0		95	80-117			
p-Isopropyltoluene	51.6	0.22	ug/l	50.0		103	82-126			
sec-Butylbenzene	54.8	0.25	ug/l	50.0		110	83-118			
Styrene	53.2	0.35	ug/l	50.0		106	87-126			
tert-Butylbenzene	55.1	0.21	ug/l	50.0		110	81-120			
Tetrachloroethene	47.9	0.50	ug/l	50.0		96	79-126			
Toluene	46.4	0.45	ug/l	50.0		93	82-122			
trans-1,2-Dichloroethene	48.8	0.32	ug/l	50.0		98	83-121			
trans-1,3-Dichloropropene	50.7	0.26	ug/l	50.0		101	82-137			
Trichloroethene	49.6	0.35	ug/l	50.0		99	81-121			
Trichlorofluoromethane	48.6	0.43	ug/l	50.0		97	71-131			
Vinyl chloride	49.7	0.33	ug/l	50.0		99	66-124			
<i>Surrogate(s)</i>										
1,2-Dichloroethane-d4			48.2 ug/l	50.0		96	86-126			
4-Bromofluorobenzene			50.6 ug/l	50.0		101	80-112			



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

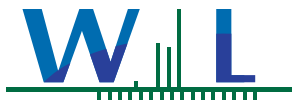
Project Manager: Jesse Orechwa

Quality Control Results

(Continued)

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1490 - EPA 8260B (Continued)										
LCS (W7E1490-BS1) Prepared & Analyzed: 05/24/17										
<i>Surrogate(s)</i>										
Dibromofluoromethane	49.7		ug/l	50.0		99	89-120			
Toluene-d8	48.9		ug/l	50.0		98	91-111			
LCS Dup (W7E1490-BSD1) Prepared & Analyzed: 05/24/17										
1,1,1,2-Tetrachloroethane	44.7	0.34	ug/l	50.0		89	83-118	0.7	25	
1,1,1-Trichloroethane	46.9	0.39	ug/l	50.0		94	82-123	2	25	
1,1,2,2-Tetrachloroethane	45.6	0.34	ug/l	50.0		91	72-116	2	25	
1,1,2-Trichloroethane	44.4	0.29	ug/l	50.0		89	84-118	1	25	
1,1-Dichloroethane	48.4	0.32	ug/l	50.0		97	83-114	1	25	
1,1-Dichloroethene	47.7	0.34	ug/l	50.0		95	76-130	2	25	
1,1-Dichloropropene	52.1	0.30	ug/l	50.0		104	82-128	2	25	
1,2,3-Trichlorobenzene	48.4	0.27	ug/l	50.0		97	70-134	3	25	
1,2,3-Trichloropropane	46.7	0.36	ug/l	50.0		93	72-117	3	25	
1,2,4-Trichlorobenzene	50.2	0.31	ug/l	50.0		100	70-131	4	25	
1,2,4-Trimethylbenzene	52.1	0.26	ug/l	50.0		104	83-119	4	25	
1,2-Dibromo-3-chloropropane	49.8	0.35	ug/l	50.0		100	67-126	1	25	
1,2-Dibromoethane (EDB)	46.4	0.30	ug/l	50.0		93	85-123	0.9	25	
1,2-Dichloroethane	47.4	0.28	ug/l	50.0		95	79-117	2	25	
1,2-Dichloropropane	48.5	0.28	ug/l	50.0		97	79-124	0.4	25	
1,3,5-Trimethylbenzene	50.8	0.24	ug/l	50.0		102	81-119	3	25	
1,3-Dichloropropane	48.4	0.28	ug/l	50.0		97	79-129	1	25	
2,2-Dichloropropane	44.6	0.43	ug/l	50.0		89	73-131	3	25	
2-Butanone	51.4	0.47	ug/l	50.0		103	66-134	6	25	
2-Chloroethyl vinyl ether	55.0	0.29	ug/l	50.0		110	55-141	6	25	
2-Chlorotoluene	50.6	0.29	ug/l	50.0		101	76-125	2	25	
2-Hexanone	50.9	0.48	ug/l	50.0		102	66-142	0.6	25	
4-Chlorotoluene	51.3	0.29	ug/l	50.0		103	74-125	2	25	
4-Methyl-2-pentanone	49.3	0.52	ug/l	50.0		99	68-139	2	25	
Acetone	54.0	0.79	ug/l	50.0		108	58-147	0.06	25	
Acrolein	49.0	0.44	ug/l	50.0		98	40-158	5	25	
Acrylonitrile	48.6	0.27	ug/l	50.0		97	67-131	2	25	
Benzene	49.5	0.30	ug/l	50.0		99	80-117	0.6	25	
Bromobenzene	48.6	0.43	ug/l	50.0		97	80-112	0.9	25	
Bromochloromethane	49.3	0.29	ug/l	50.0		99	79-117	0.9	25	
Bromodichloromethane	47.9	0.32	ug/l	50.0		96	83-132	2	25	
Bromoform	46.1	0.23	ug/l	50.0		92	72-129	1	25	
Bromomethane	52.4	0.12	ug/l	50.0		105	52-144	2	25	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

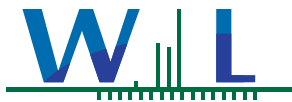
Project Manager: Jesse Orechwa

Quality Control Results

(Continued)

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1490 - EPA 8260B (Continued)										
LCS Dup (W7E1490-BSD1)										
Prepared & Analyzed: 05/24/17										
Carbon Disulfide	55.2	1.0	ug/l	50.0	110	76-124	0.8	25		
Carbon tetrachloride	46.4	0.32	ug/l	50.0	93	77-134	4	25		
Chlorobenzene	48.2	0.46	ug/l	50.0	96	82-114	0.6	25		
Chloroethane	45.4	0.21	ug/l	50.0	91	68-127	0.09	25		
Chloroform	50.9	0.31	ug/l	50.0	102	83-118	1	25		
Chloromethane	46.1	0.27	ug/l	50.0	92	59-120	0.1	25		
cis-1,2-Dichloroethene	48.4	0.36	ug/l	50.0	97	80-126	0.6	25		
cis-1,3-Dichloropropene	50.3	0.25	ug/l	50.0	101	84-130	2	25		
Dibromochloromethane	47.0	0.29	ug/l	50.0	94	83-132	0.3	25		
Dibromomethane	45.8	0.27	ug/l	50.0	92	80-122	2	25		
Dichlorodifluoromethane (Freon 12)	49.6	0.44	ug/l	50.0	99	65-119	0.2	25		
Ethylbenzene	49.4	0.43	ug/l	50.0	99	76-131	0.6	25		
Hexachlorobutadiene	47.4	0.30	ug/l	50.0	95	71-124	5	25		
Isopropylbenzene	52.9	0.25	ug/l	50.0	106	81-119	2	25		
m,p-Xylene	52.8	0.70	ug/l	50.0	106	80-126	0.8	25		
m-Dichlorobenzene	48.3	0.35	ug/l	50.0	97	79-119	3	25		
Methyl tert-butyl ether (MTBE)	50.1	0.25	ug/l	50.0	100	79-131	3	25		
Methylene chloride	48.0	0.34	ug/l	50.0	96	78-115	4	25		
Naphthalene	49.3	0.20	ug/l	50.0	99	64-145	1	25		
n-Butylbenzene	49.7	0.28	ug/l	50.0	99	79-121	5	25		
n-Propylbenzene	48.8	0.29	ug/l	50.0	98	78-123	4	25		
o-Dichlorobenzene	49.5	0.33	ug/l	50.0	99	80-117	2	25		
o-Xylene	52.9	0.32	ug/l	50.0	106	84-121	0.4	25		
p-Dichlorobenzene	46.8	0.37	ug/l	50.0	94	80-117	2	25		
p-Isopropyltoluene	50.6	0.22	ug/l	50.0	101	82-126	2	25		
sec-Butylbenzene	53.1	0.25	ug/l	50.0	106	83-118	3	25		
Styrene	52.3	0.35	ug/l	50.0	105	87-126	2	25		
tert-Butylbenzene	53.3	0.21	ug/l	50.0	107	81-120	3	25		
Tetrachloroethene	47.3	0.50	ug/l	50.0	95	79-126	1	25		
Toluene	46.4	0.45	ug/l	50.0	93	82-122	0.04	25		
trans-1,2-Dichloroethene	48.5	0.32	ug/l	50.0	97	83-121	0.7	25		
trans-1,3-Dichloropropene	49.9	0.26	ug/l	50.0	100	82-137	2	25		
Trichloroethene	49.2	0.35	ug/l	50.0	98	81-121	0.9	25		
Trichlorofluoromethane	48.6	0.43	ug/l	50.0	97	71-131	0.06	25		
Vinyl chloride	50.7	0.33	ug/l	50.0	101	66-124	2	25		
<i>Surrogate(s)</i>										
1,2-Dichloroethane-d4			48.1	ug/l	50.0	96	86-126			



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

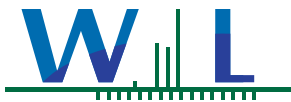
Project Manager: Jesse Orechwa

Quality Control Results

(Continued)

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1490 - EPA 8260B (Continued)										
LCS Dup (W7E1490-BSD1) Prepared & Analyzed: 05/24/17										
<i>Surrogate(s)</i>										
4-Bromofluorobenzene	50.7		ug/l	50.0		101	80-112			
Dibromofluoromethane	49.8		ug/l	50.0		100	89-120			
Toluene-d8	50.0		ug/l	50.0		100	91-111			
Matrix Spike (W7E1490-MS1) Source: 7E18058-03 Prepared: 05/24/17 Analyzed: 05/25/17										
1,1,1,2-Tetrachloroethane	49.7	0.34	ug/l	50.0	ND	99	80-119			
1,1,1-Trichloroethane	59.3	0.39	ug/l	50.0	ND	119	77-132			
1,1,2,2-Tetrachloroethane	36.5	0.34	ug/l	50.0	ND	73	59-119			
1,1,2-Trichloroethane	41.0	0.29	ug/l	50.0	ND	82	77-124			
1,1-Dichloroethane	56.6	0.32	ug/l	50.0	ND	113	83-118			
1,1-Dichloroethene	59.8	0.34	ug/l	50.0	ND	120	64-140			
1,1-Dichloropropene	64.5	0.30	ug/l	50.0	ND	129	78-134			
1,2,3-Trichlorobenzene	50.5	0.27	ug/l	50.0	ND	101	55-135			
1,2,3-Trichloropropane	39.8	0.36	ug/l	50.0	ND	80	54-133			
1,2,4-Trichlorobenzene	56.3	0.31	ug/l	50.0	ND	113	57-127			
1,2,4-Trimethylbenzene	66.8	0.26	ug/l	50.0	ND	134	76-120			MS-05
1,2-Dibromo-3-chloropropane	37.0	0.35	ug/l	50.0	ND	74	52-131			
1,2-Dibromoethane (EDB)	39.9	0.30	ug/l	50.0	ND	80	78-124			
1,2-Dichloroethane	48.7	0.28	ug/l	50.0	ND	97	70-125			
1,2-Dichloropropane	52.6	0.28	ug/l	50.0	ND	105	77-121			
1,3,5-Trimethylbenzene	64.5	0.24	ug/l	50.0	ND	129	77-120			MS-05
1,3-Dichloropropane	44.0	0.28	ug/l	50.0	ND	88	79-122			
2,2-Dichloropropane	66.4	0.43	ug/l	50.0	ND	133	59-139			
2-Butanone	40.6	0.47	ug/l	50.0	ND	81	52-134			
2-Chloroethyl vinyl ether	ND	0.29	ug/l	50.0	ND		0.1-167			MS-05
2-Chlorotoluene	61.7	0.29	ug/l	50.0	ND	123	76-125			
2-Hexanone	36.0	0.48	ug/l	50.0	ND	72	54-144			
4-Chlorotoluene	62.2	0.29	ug/l	50.0	ND	124	72-120			MS-05
4-Methyl-2-pentanone	36.2	0.52	ug/l	50.0	ND	72	59-144			
Acetone	37.8	0.79	ug/l	50.0	ND	76	29-151			
Acrolein	33.0	0.44	ug/l	50.0	ND	66	0.1-178			
Acrylonitrile	33.7	0.27	ug/l	50.0	ND	67	62-129			
Benzene	57.7	0.30	ug/l	50.0	ND	115	74-114			MS-05
Bromobenzene	53.8	0.43	ug/l	50.0	ND	108	74-111			
Bromochloromethane	43.6	0.29	ug/l	50.0	ND	87	74-121			
Bromodichloromethane	53.4	0.32	ug/l	50.0	ND	107	79-132			
Bromoform	40.1	0.23	ug/l	50.0	ND	80	78-133			



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

Project Manager: Jesse Orechwa

Quality Control Results

(Continued)

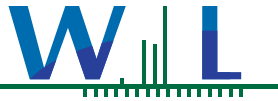
Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1490 - EPA 8260B (Continued)										
Matrix Spike (W7E1490-MS1)			Source: 7E18058-03			Prepared: 05/24/17 Analyzed: 05/25/17				
Bromomethane	67.5	0.12	ug/l	50.0	ND	135	41-155			
Carbon Disulfide	63.2	1.0	ug/l	50.0	ND	126	72-125			MS-05
Carbon tetrachloride	59.7	0.32	ug/l	50.0	ND	119	73-145			
Chlorobenzene	56.4	0.46	ug/l	50.0	ND	113	78-115			
Chloroethane	54.6	0.21	ug/l	50.0	ND	109	69-134			
Chloroform	60.2	0.31	ug/l	50.0	ND	120	78-123			
Chloromethane	54.3	0.27	ug/l	50.0	ND	109	65-123			
cis-1,2-Dichloroethene	55.5	0.36	ug/l	50.0	ND	111	80-123			
cis-1,3-Dichloropropene	50.3	0.25	ug/l	50.0	ND	101	74-127			
Dibromochloromethane	44.4	0.29	ug/l	50.0	ND	89	79-132			
Dibromomethane	42.3	0.27	ug/l	50.0	ND	85	74-124			
Dichlorodifluoromethane (Freon 12)	62.2	0.44	ug/l	50.0	ND	124	72-124			
Ethylbenzene	60.5	0.43	ug/l	50.0	ND	121	75-123			
Hexachlorobutadiene	62.6	0.30	ug/l	50.0	ND	125	68-119			MS-05
Isopropylbenzene	64.0	0.25	ug/l	50.0	ND	128	74-125			MS-05
m,p-Xylene	65.9	0.70	ug/l	50.0	ND	132	76-124			MS-05
m-Dichlorobenzene	57.3	0.35	ug/l	50.0	ND	115	74-113			MS-05
Methyl tert-butyl ether (MTBE)	45.4	0.25	ug/l	50.0	ND	91	73-130			
Methylene chloride	52.9	0.34	ug/l	50.0	ND	106	75-118			
Naphthalene	40.3	0.20	ug/l	50.0	ND	81	48-143			
n-Butylbenzene	66.2	0.28	ug/l	50.0	ND	132	70-124			MS-05
n-Propylbenzene	62.0	0.29	ug/l	50.0	ND	124	73-124			
o-Dichlorobenzene	54.8	0.33	ug/l	50.0	ND	110	73-115			
o-Xylene	64.9	0.32	ug/l	50.0	ND	130	76-123			MS-05
p-Dichlorobenzene	54.2	0.37	ug/l	50.0	ND	108	74-117			
p-Isopropyltoluene	64.6	0.22	ug/l	50.0	ND	129	76-124			MS-05
sec-Butylbenzene	68.7	0.25	ug/l	50.0	ND	137	75-125			MS-05
Styrene	63.0	0.35	ug/l	50.0	ND	126	73-124			MS-05
tert-Butylbenzene	67.6	0.21	ug/l	50.0	ND	135	76-124			MS-05
Tetrachloroethene	59.2	0.50	ug/l	50.0	ND	118	80-129			
Toluene	56.3	0.45	ug/l	50.0	ND	113	79-123			
trans-1,2-Dichloroethene	57.4	0.32	ug/l	50.0	ND	115	80-123			
trans-1,3-Dichloropropene	49.4	0.26	ug/l	50.0	ND	99	76-130			
Trichloroethene	59.1	0.35	ug/l	50.0	ND	118	79-126			
Trichlorofluoromethane	63.2	0.43	ug/l	50.0	ND	126	73-139			
Vinyl chloride	59.1	0.33	ug/l	50.0	ND	118	73-131			

Surrogate(s)

7E18058

Page 44 of 48



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:

06/09/2017 11:44

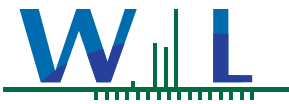
Project Manager: Jesse Orechwa

Quality Control Results

(Continued)

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1490 - EPA 8260B (Continued)										
Matrix Spike (W7E1490-MS1)			Source: 7E18058-03		Prepared: 05/24/17 Analyzed: 05/25/17					
<i>Surrogate(s)</i>										
1,2-Dichloroethane-d4	41.9		ug/l	50.0		84	86-126			S-11
4-Bromofluorobenzene	48.5		ug/l	50.0		97	80-112			
Dibromofluoromethane	48.0		ug/l	50.0		96	89-120			
Toluene-d8	50.5		ug/l	50.0		101	91-111			
Matrix Spike Dup (W7E1490-MSD1)			Source: 7E18058-03		Prepared: 05/24/17 Analyzed: 05/25/17					
1,1,1,2-Tetrachloroethane	48.4	0.34	ug/l	50.0	ND	97	80-119	3	25	
1,1,1-Trichloroethane	57.0	0.39	ug/l	50.0	ND	114	77-132	4	25	
1,1,2,2-Tetrachloroethane	35.9	0.34	ug/l	50.0	ND	72	59-119	2	25	
1,1,2-Trichloroethane	39.1	0.29	ug/l	50.0	ND	78	77-124	5	25	
1,1-Dichloroethane	54.6	0.32	ug/l	50.0	ND	109	83-118	4	25	
1,1-Dichloroethene	56.9	0.34	ug/l	50.0	ND	114	64-140	5	25	
1,1-Dichloropropene	63.6	0.30	ug/l	50.0	ND	127	78-134	1	25	
1,2,3-Trichlorobenzene	48.1	0.27	ug/l	50.0	ND	96	55-135	5	25	
1,2,3-Trichloropropane	39.9	0.36	ug/l	50.0	ND	80	54-133	0.05	25	
1,2,4-Trichlorobenzene	55.9	0.31	ug/l	50.0	ND	112	57-127	0.8	25	
1,2,4-Trimethylbenzene	67.0	0.26	ug/l	50.0	ND	134	76-120	0.3	25	MS-05
1,2-Dibromo-3-chloropropane	36.9	0.35	ug/l	50.0	ND	74	52-131	0.3	25	
1,2-Dibromoethane (EDB)	37.6	0.30	ug/l	50.0	ND	75	78-124	6	25	MS-05
1,2-Dichloroethane	44.4	0.28	ug/l	50.0	ND	89	70-125	9	25	
1,2-Dichloropropane	50.9	0.28	ug/l	50.0	ND	102	77-121	3	25	
1,3,5-Trimethylbenzene	64.8	0.24	ug/l	50.0	ND	130	77-120	0.4	25	MS-05
1,3-Dichloropropane	42.1	0.28	ug/l	50.0	ND	84	79-122	4	25	
2,2-Dichloropropane	62.2	0.43	ug/l	50.0	ND	124	59-139	6	25	
2-Butanone	36.0	0.47	ug/l	50.0	ND	72	52-134	12	25	
2-Chloroethyl vinyl ether	ND	0.29	ug/l	50.0	ND		0.1-167		25	MS-05
2-Chlorotoluene	63.6	0.29	ug/l	50.0	ND	127	76-125	3	25	MS-05
2-Hexanone	33.1	0.48	ug/l	50.0	ND	66	54-144	9	25	
4-Chlorotoluene	63.6	0.29	ug/l	50.0	ND	127	72-120	2	25	MS-05
4-Methyl-2-pentanone	33.0	0.52	ug/l	50.0	ND	66	59-144	9	25	
Acetone	34.8	0.79	ug/l	50.0	ND	70	29-151	8	25	
Acrolein	31.2	0.44	ug/l	50.0	ND	62	0.1-178	6	25	
Acrylonitrile	31.0	0.27	ug/l	50.0	ND	62	62-129	8	25	
Benzene	57.7	0.30	ug/l	50.0	ND	115	74-114	0.05	25	MS-05
Bromobenzene	55.9	0.43	ug/l	50.0	ND	112	74-111	4	25	MS-05
Bromochloromethane	41.2	0.29	ug/l	50.0	ND	82	74-121	6	25	
Bromodichloromethane	50.0	0.32	ug/l	50.0	ND	100	79-132	6	25	



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:
06/09/2017 11:44

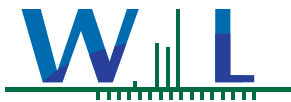
Project Manager: Jesse Orechwa

Quality Control Results

(Continued)

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Qualifier
Batch: W7E1490 - EPA 8260B (Continued)										
Matrix Spike Dup (W7E1490-MSD1)			Source: 7E18058-03			Prepared: 05/24/17 Analyzed: 05/25/17				
Bromoform	37.4	0.23	ug/l	50.0	ND	75	78-133	7	25	MS-05
Bromomethane	72.6	0.12	ug/l	50.0	ND	145	41-155	7	25	
Carbon Disulfide	63.6	1.0	ug/l	50.0	ND	127	72-125	0.6	25	MS-05
Carbon tetrachloride	58.2	0.32	ug/l	50.0	ND	116	73-145	3	25	
Chlorobenzene	55.8	0.46	ug/l	50.0	ND	112	78-115	1	25	
Chloroethane	57.7	0.21	ug/l	50.0	ND	115	69-134	6	25	
Chloroform	56.7	0.31	ug/l	50.0	ND	113	78-123	6	25	
Chloromethane	58.9	0.27	ug/l	50.0	ND	118	65-123	8	25	
cis-1,2-Dichloroethene	53.1	0.36	ug/l	50.0	ND	106	80-123	4	25	
cis-1,3-Dichloropropene	48.6	0.25	ug/l	50.0	ND	97	74-127	3	25	
Dibromochloromethane	42.4	0.29	ug/l	50.0	ND	85	79-132	5	25	
Dibromomethane	39.1	0.27	ug/l	50.0	ND	78	74-124	8	25	
Dichlorodifluoromethane (Freon 12)	65.6	0.44	ug/l	50.0	ND	131	72-124	5	25	MS-05
Ethylbenzene	60.0	0.43	ug/l	50.0	ND	120	75-123	0.9	25	
Hexachlorobutadiene	62.6	0.30	ug/l	50.0	ND	125	68-119	0.02	25	MS-05
Isopropylbenzene	67.8	0.25	ug/l	50.0	ND	136	74-125	6	25	MS-05
m,p-Xylene	64.8	0.70	ug/l	50.0	ND	130	76-124	2	25	MS-05
m-Dichlorobenzene	58.4	0.35	ug/l	50.0	ND	117	74-113	2	25	MS-05
Methyl tert-butyl ether (MTBE)	41.0	0.25	ug/l	50.0	ND	82	73-130	10	25	
Methylene chloride	53.9	0.34	ug/l	50.0	ND	108	75-118	2	25	
Naphthalene	38.6	0.20	ug/l	50.0	ND	77	48-143	4	25	
n-Butylbenzene	65.6	0.28	ug/l	50.0	ND	131	70-124	0.8	25	MS-05
n-Propylbenzene	63.7	0.29	ug/l	50.0	ND	127	73-124	3	25	MS-05
o-Dichlorobenzene	55.2	0.33	ug/l	50.0	ND	110	73-115	0.7	25	
o-Xylene	64.0	0.32	ug/l	50.0	ND	128	76-123	1	25	MS-05
p-Dichlorobenzene	55.0	0.37	ug/l	50.0	ND	110	74-117	2	25	
p-Isopropyltoluene	65.8	0.22	ug/l	50.0	ND	132	76-124	2	25	MS-05
sec-Butylbenzene	69.7	0.25	ug/l	50.0	ND	139	75-125	1	25	MS-05
Styrene	61.9	0.35	ug/l	50.0	ND	124	73-124	2	25	
tert-Butylbenzene	68.8	0.21	ug/l	50.0	ND	138	76-124	2	25	MS-05
Tetrachloroethene	59.2	0.50	ug/l	50.0	ND	118	80-129	0.2	25	
Toluene	55.6	0.45	ug/l	50.0	ND	111	79-123	1	25	
trans-1,2-Dichloroethene	55.4	0.32	ug/l	50.0	ND	111	80-123	4	25	
trans-1,3-Dichloropropene	47.0	0.26	ug/l	50.0	ND	94	76-130	5	25	
Trichloroethene	58.0	0.35	ug/l	50.0	ND	116	79-126	2	25	
Trichlorofluoromethane	60.9	0.43	ug/l	50.0	ND	122	73-139	4	25	
Vinyl chloride	64.8	0.33	ug/l	50.0	ND	130	73-131	9	25	



WECK LABORATORIES, INC.

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Project Manager: Jesse Orechwa

Certificate of Analysis

FINAL REPORT

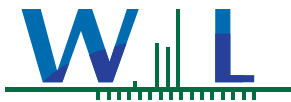
Reported:
06/09/2017 11:44

Quality Control Results

(Continued)

Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Qualifier
Batch: W7E1490 - EPA 8260B (Continued)										
Matrix Spike Dup (W7E1490-MSD1)			Source: 7E18058-03		Prepared: 05/24/17 Analyzed: 05/25/17					
<i>Surrogate(s)</i>										
1,2-Dichloroethane-d4	38.7		ug/l	50.0		77	86-126			S-11
4-Bromofluorobenzene	48.0		ug/l	50.0		96	80-112			
Dibromofluoromethane	44.9		ug/l	50.0		90	89-120			
Toluene-d8	50.5		ug/l	50.0		101	91-111			



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

City of Redlands
1950 Nevada St.
Redlands, CA 92373

Project Number: 2016-0158 California St.

Reported:

06/09/2017 11:44

Project Manager: Jesse Orechwa



Notes and Definitions

Item	Definition
B-07	This analyte was found in the method blank at levels above the MDL but below the reporting limit.
J	Estimated conc. detected <MRL and >MDL.
M-05	Due to the nature of matrix interferences, sample was diluted prior to analysis. The MDL and MRL were raised due to the dilution.
MS-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
MS-05	The spike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
S-11	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

Work Orders: 7E18068

Report Date: 6/09/2017

Received Date: 5/18/2017

Project: California ST Landfill 2016.0158

Turnaround Time: Normal

Phones: (909) 335-4701

Fax: (909) 793-0127

Attn: Tricia Swope

P.O. #:

Client: City of Redlands
P.O. Box 3005
Redlands, CA 92373

Billing Code:

DoD-ELAP #L2457 • ELAP-CA #1132 • EPA-UCMR #CA00211 • HW-DOH # • ISO 17025 #L2457.01 • LACSD #10143 • NELAP-CA #04229CA • NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A • SCAQMD #93LA1006

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

Dear Tricia Swope,

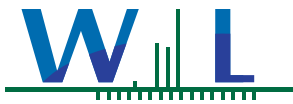
Enclosed are the results of analyses for samples received 5/18/17 with the Chain-of-Custody document. The samples were received in good condition, at 23.2 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Reviewed by:



Chris Samatmanakit
Project Manager





WECK LABORATORIES, INC.

City of Redlands
P.O. Box 3005
Redlands, CA 92373

Project Number: California ST Landfill 2016.0158

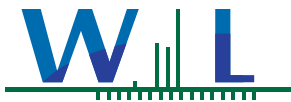
Project Manager: Tricia Swope

FINAL REPORT

Reported:
06/09/2017 11:34

Sample Summary

Sample Name	Sampled By	Lab ID	Matrix	Sampled	Qualifiers
P-4A	Client	7E18068-01	Air	05/18/17 07:45	



WECK LABORATORIES, INC.

City of Redlands
P.O. Box 3005
Redlands, CA 92373

Project Number: California ST Landfill 2016.0158

Project Manager: Tricia Swope

FINAL REPORT

Reported:
06/09/2017 11:34

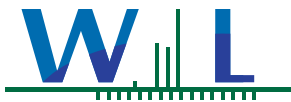
Sample Results NELAP #E87847

Sample: P-4A
7E18068-01 (Air)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
---------	--------	-----	-------	-----	----------	-----------

Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods

Method: _Various	Batch ID: W7F0488	Prepared: 05/19/17 14:20				Analyst: _sub
Investigation	See Attachment	[blank]	1	05/19/17		S_AIR



WECK LABORATORIES, INC.

City of Redlands
P.O. Box 3005
Redlands, CA 92373

Project Number: California ST Landfill 2016.0158

Project Manager: Tricia Swope

Certificate of Analysis

FINAL REPORT

Reported:
06/09/2017 11:34

Notes and Definitions

Item	Definition
S_AIR	Analysis subcontracted to Air Technology Laboratories, Inc., NELAP Certificate # E87847
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.
 An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)
 All results are expressed on wet weight basis unless otherwise specified.
 All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.



June 2, 2017

Weck Laboratories, Inc.
ATTN: Chris Samatmanakit
14859 E. Clark Ave.
City of Industry, CA 91745



ADE-1461
EPA Methods TO3,
TO14A, TO15 SIM & SCAN
ASTM D1946



LA Cert #04140
EPA Methods TO3, TO14A, TO15, 25C/3C,
RSK-175

TX Cert T104704450-14-6
EPA Methods TO14A, TO15

UT Cert CA0133332015-3
EPA Methods TO3, TO14A, TO15, RSK-175

LABORATORY TEST RESULTS

Project Reference: 7E18068
Lab Number: I051905-01

Enclosed are results for sample(s) received 5/19/17 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- The enclosed results relate only to the sample(s).

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark Johnson", is written over a white background.

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Enclosures

Note: The cover letter is an integral part of this analytical report.

Subcontracted Laboratory:
Air Technology Laboratories, Inc.
18501 E. Gale Ave.
City of Industry, CA 91748
Phone: (626) 964-4032
Fax: (626) 964-5832

Turn Around Time: Normal
Project Manager: Chris Samatmanakit
Project Name: Quarterly Sampling
Project Number: California ST Landfill 2
Sampler Employed by: _____

Work Order: 7E18068

Analysis	Due	Expires	Comments
Sample ID: 7E18068-01/P-4A			Sampled: 05/18/2017 07:45
Sample comment: Investigation <i>Containers Supplied:</i>	05/31/2017	06/15/2017 07:45	Matrix: Air Sampled By: Client Method TO14A. Reference Quote #WL072016JD1. <i>EDF per CS 5/19/17</i>

61

Remarks / Special Comments:

Sample Condition
Temperature: _____
Preserved: Yes / No
Evidence Seal Intact: Yes / No
Container Attacked: Yes / No
Preserved at Lab: Yes / No

John Williams 5/19/17 8:00 *[Signature]* 5-19-17 8:00
 Relinquished By _____ Date / Time _____ Received By _____ Date / Time _____

Relinquished By _____ Date / Time _____ Received By _____ Date / Time _____

Client: Weck Laboratories
Attn: Chris Samatmanakit
Project Name: NA
Project No.: 7E18068
Date Received: 05/19/17
Matrix: Air
Reporting Units: ppbv

EPA Method TO14A

Lab No.:	I051905-01						
Client Sample I.D.:	7E18068-01/P-4A						
Date/Time Sampled:	5/18/17 7:45						
Date/Time Analyzed:	5/19/17 14:20						
QC Batch No.:	170519MS2A1						
Analyst Initials:	DT						
Dilution Factor:	1.0						
ANALYTE	Result ppbv	RL ppbv					
Dichlorodifluoromethane (12)	ND	1.0					
Chloromethane	ND	2.0					
1,2-CI-1,1,2,2-F ethane (114)	ND	1.0					
Vinyl Chloride	ND	1.0					
Bromomethane	ND	1.0					
Chloroethane	ND	1.0					
Trichlorofluoromethane (11)	ND	1.0					
1,1-Dichloroethene	ND	1.0					
1,1,2-CI 1,2,2-F ethane (113)	ND	1.0					
Methylene Chloride	ND	1.0					
1,1-Dichloroethane	ND	1.0					
c-1,2-Dichloroethene	ND	1.0					
Chloroform	ND	1.0					
1,1,1-Trichloroethane	ND	1.0					
Carbon Tetrachloride	ND	1.0					
Benzene	6.4	1.0					
1,2-Dichloroethane	ND	1.0					
Trichloroethene	ND	1.0					
1,2-Dichloropropane	ND	1.0					
c-1,3-Dichloropropene	ND	1.0					
Toluene	1.4	1.0					
t-1,3-Dichloropropene	ND	1.0					
1,1,2-Trichloroethane	ND	1.0					
Tetrachloroethene	1.2	1.0					



Client: Weck Laboratories
Attn: Chris Samatmanakit
Project Name: NA
Project No.: 7E18068
Date Received: 05/19/17
Matrix: Air
Reporting Units: ppbv

EPA Method TO14A

Lab No.:	I051905-01						
Client Sample I.D.:	7E18068-01/P-4A						
Date/Time Sampled:	5/18/17 7:45						
Date/Time Analyzed:	5/19/17 14:20						
QC Batch No.:	170519MS2A1						
Analyst Initials:	DT						
Dilution Factor:	1.0						
ANALYTE	Result ppbv	RL ppbv					
1,2-Dibromoethane	ND	1.0					
Chlorobenzene	ND	1.0					
Ethylbenzene	ND	1.0					
p,&m-Xylene	1.5	1.0					
o-Xylene	ND	1.0					
Styrene	87	1.0					
1,1,2,2-Tetrachloroethane	ND	2.0					
1,3,5-Trimethylbenzene	ND	2.0					
1,2,4-Trimethylbenzene	7.7	2.0					
1,3-Dichlorobenzene	ND	1.0					
1,4-Dichlorobenzene	ND	1.0					
1,2-Dichlorobenzene	ND	1.0					
1,2,4-Trichlorobenzene	ND	2.0					
Hexachlorobutadiene	ND	1.0					

ND = Not Detected (below RL)
 RL = Reporting Limit

Reviewed/Approved By: 
 Mark Johnson
 Operations Manager

Date 6-1-17

The cover letter is an integral part of this analytical report



Client: Weck Laboratories
Attn: Chris Samatmanakit
Project Name: NA
Project No.: 7E18068
Date Received: 05/19/17
Matrix: Air
Reporting Units: ppbv

EPA Method TO14A

Lab No.:	METHOD BLANK						
Client Sample I.D.:	-						
Date/Time Sampled:	-						
Date/Time Analyzed:	5/19/17 11:56						
QC Batch No.:	170519MS2A1						
Analyst Initials:	DT						
Dilution Factor:	0.20						
ANALYTE	Result ppbv	RL ppbv					
Dichlorodifluoromethane (12)	ND	0.20					
Chloromethane	ND	0.40					
1,2-CI-1,1,2,2-F ethane (114)	ND	0.20					
Vinyl Chloride	ND	0.20					
Bromomethane	ND	0.20					
Chloroethane	ND	0.20					
Trichlorofluoromethane (11)	ND	0.20					
1,1-Dichloroethene	ND	0.20					
1,1,2-CI 1,2,2-F ethane (113)	ND	0.20					
Methylene Chloride	ND	0.20					
1,1-Dichloroethane	ND	0.20					
c-1,2-Dichloroethene	ND	0.20					
Chloroform	ND	0.20					
1,1,1-Trichloroethane	ND	0.20					
Carbon Tetrachloride	ND	0.20					
Benzene	ND	0.20					
1,2-Dichloroethane	ND	0.20					
Trichloroethene	ND	0.20					
1,2-Dichloropropane	ND	0.20					
c-1,3-Dichloropropene	ND	0.20					
Toluene	ND	0.20					
t-1,3-Dichloropropene	ND	0.20					
1,1,2-Trichloroethane	ND	0.20					
Tetrachloroethene	ND	0.20					
1,2-Dibromoethane	ND	0.20					



Client: Weck Laboratories
 Attn: Chris Samatmanakit
 Project Name: NA
 Project No.: 7E18068
 Date Received: 05/19/17
 Matrix: Air
 Reporting Units: ppbv

EPA Method TO14A

Lab No.:	METHOD BLANK			
Client Sample I.D.:	-			
Date/Time Sampled:	-			
Date/Time Analyzed:	5/19/17 11:56			
QC Batch No.:	170519MS2A1			
Analyst Initials:	DT			
Dilution Factor:	0.20			

ANALYTE	Result ppbv	RL ppbv						
Chlorobenzene	ND	0.20						
Ethylbenzene	ND	0.20						
p,&m-Xylene	ND	0.20						
o-Xylene	ND	0.20						
Styrene	ND	0.20						
1,1,2,2-Tetrachloroethane	ND	0.40						
1,3,5-Trimethylbenzene	ND	0.40						
1,2,4-Trimethylbenzene	ND	0.40						
1,3-Dichlorobenzene	ND	0.20						
1,4-Dichlorobenzene	ND	0.20						
1,2-Dichlorobenzene	ND	0.20						
1,2,4-Trichlorobenzene	ND	0.40						
Hexachlorobutadiene	ND	0.20						

ND = Not Detected (below RL)
 RL = Reporting Limit

Reviewed/Approved By: 
 Mark Johnson
 Operations Manager

Date 6-1-17

The cover letter is an integral part of this analytical report



LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 170519MS2A1

Matrix: Air

EPA Method TO-14/TO-15												
Lab No:	Method Blank		LCS		LCSD							
Date/Time Analyzed:	5/19/17 11:56		5/19/17 10:34	5/19/17 11:14								
Data File ID:	19MAY005.D		19MAY003.D	19MAY004.D								
Analyst Initials:	DT		DT	DT								
Dilution Factor:	0.2		1.0	1.0								
ANALYTE		Result ppbv	Spike Amount	Result ppbv	% Rec	Result ppbv	% Rec	RPD	Limits			Pass/Fail
									Low %Rec	High %Rec	Max. RPD	
1,1-Dichloroethene	0.0	10.0	10.1	101	10.5	105	4.1	70	130	30	Pass	
Methylene Chloride	0.0	10.0	11.1	111	10.9	109	1.6	70	130	30	Pass	
Trichloroethene	0.0	10.0	10.7	107	10.6	106	0.7	70	130	30	Pass	
Toluene	0.0	10.0	9.9	99	10.0	100	0.3	70	130	30	Pass	
1,1,2,2-Tetrachloroethane	0.0	10.0	8.9	89	8.8	88	0.7	70	130	30	Pass	

RPD = Relative Percent Difference

Reviewed/Approved By: 
 Mark Johnson
 Operations Manager

Date: 6-1-17

The cover letter is an integral part of this analytical report





BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
 Contact: Adrienne Thibeault
 Address: 2777 E Guasti Rd
 Ontario, CA 91761

Analytical Report: Page 1 of 12
 Project Name: California St. Landfill
 Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °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>
B7E1763-01	B-IC	Water	05/18/17 10:25	BS,NR,AS	05/18/17 15:24	Adam Shaw
B7E1763-02	QCAB-B-IC-FB FB	Water	05/18/17 10:20	BS,NR,AS	05/18/17 15:24	Adam Shaw
B7E1763-03	B-4R	Water	05/18/17 11:10	BS,NR,AS	05/18/17 15:24	Adam Shaw
B7E1763-04	QCAB-B-4R-FB FB	Water	05/18/17 11:05	BS,NR,AS	05/18/17 15:24	Adam Shaw
B7E1763-05	B-10C	Water	05/18/17 08:50	BS,NR,AS	05/18/17 15:24	Adam Shaw
B7E1763-06	QCAB-B-10C-FB FB	Water	05/18/17 08:45	BS,NR,AS	05/18/17 15:24	Adam Shaw
B7E1763-07	Phase II Sump	Water	05/18/17 12:20	BS,NR,AS	05/18/17 15:24	Adam Shaw
B7E1763-08	QCAB-Phase II Sump- FB FB	Water	05/18/17 12:15	BS,NR,AS	05/18/17 15:24	Adam Shaw
B7E1763-09	Condensate	Water	05/18/17 12:15	BS,NR,AS	05/18/17 15:24	Adam Shaw
B7E1763-10	QCAB-Condensate-FB FB	Water	05/18/17 12:10	BS,NR,AS	05/18/17 15:24	Adam Shaw



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
 Contact: Adrienne Thibeault
 Address: 2777 E Guasti Rd
 Ontario, CA 91761

Analytical Report: Page 2 of 12
 Project Name: California St. Landfill
 Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

B7E1763-01

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
B-IC	Water	05/18/17 10:25	05/18/17 15:24

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Perfluorinated Compounds by EPA 537								
8:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:06	DIS	
6:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:06	DIS	
N-EtFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:06	DIS	
N-MeFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:06	DIS	
Perfluoro-1-butanedisulfonate (PFBS)	ND	0.090	0.030	ug/L	EPA 537	06/02/17 17:06	DIS	
Perfluoro-n-butanedioic acid (PFBA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:06	DIS	NLOI
Perfluoro-n-decanoic acid (PFDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:06	DIS	
Perfluoro-n-dodecanoic acid (PFDoA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:06	DIS	
Perfluoro-1-heptadisulfonate (PFHpS)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:06	DIS	
Perfluoro-n-heptanoic Acid (PFHpA)	0.010	0.010	0.0024	ug/L	EPA 537	06/02/17 17:06	DIS	
Perfluoro-1-hexadisulfonate (PFHxS)	ND	0.030	0.0097	ug/L	EPA 537	06/02/17 17:06	DIS	
Perfluoro-n-hexanoic acid (PFHxA)	0.030	0.010	0.010	ug/L	EPA 537	06/02/17 17:06	DIS	
Perfluoro-n-nonanoic Acid (PFNA)	ND	0.020	0.0034	ug/L	EPA 537	06/02/17 17:06	DIS	
Perfluoro-1-octadisulfonate (PFOS)	0.0094	0.040	0.0093	ug/L	EPA 537	06/02/17 17:06	DIS	J
Perfluoro-n-octanoic Acid (PFOA)	0.012	0.020	0.0043	ug/L	EPA 537	06/02/17 17:06	DIS	J
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:06	DIS	
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:06	DIS	
Perfluoro-n-undecanoic acid (PFUdA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:06	DIS	
Surrogate: 13C-PFDA	83.9	%	70-130		EPA 537	06/02/17 17:06	DIS	
Surrogate: 13C-PFHxA	70.0	%	70-130		EPA 537	06/02/17 17:06	DIS	



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
 Contact: Adrienne Thibeault
 Address: 2777 E Guasti Rd
 Ontario, CA 91761

Analytical Report: Page 3 of 12
 Project Name: California St. Landfill
 Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

B7E1763-02

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
QCAB-B-IC-FB	Water	05/18/17 10:20	05/18/17 15:24

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Perfluorinated Compounds by EPA 537								
8:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:25	DIS	
6:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:25	DIS	
N-EtFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:25	DIS	
N-MeFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:25	DIS	
Perfluoro-1-butanedisulfonate (PFBS)	ND	0.090	0.030	ug/L	EPA 537	06/02/17 20:25	DIS	
Perfluoro-n-butanedioic acid (PFBA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:25	DIS	NLOI
Perfluoro-n-decanoic acid (PFDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:25	DIS	
Perfluoro-n-dodecanoic acid (PFDoA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:25	DIS	
Perfluoro-1-heptadisulfonate (PFHpS)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:25	DIS	
Perfluoro-n-heptanoic Acid (PFHpA)	0.0096	0.010	0.0024	ug/L	EPA 537	06/02/17 20:25	DIS	J
Perfluoro-1-hexadisulfonate (PFHxS)	ND	0.030	0.0097	ug/L	EPA 537	06/02/17 20:25	DIS	
Perfluoro-n-hexanoic acid (PFHxA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:25	DIS	
Perfluoro-n-nonanoic Acid (PFNA)	0.0088	0.020	0.0034	ug/L	EPA 537	06/02/17 20:25	DIS	J
Perfluoro-1-octadisulfonate (PFOS)	ND	0.040	0.0093	ug/L	EPA 537	06/02/17 20:25	DIS	
Perfluoro-n-octanoic Acid (PFOA)	0.012	0.020	0.0043	ug/L	EPA 537	06/02/17 20:25	DIS	J
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:25	DIS	
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:25	DIS	
Perfluoro-n-undecanoic acid (PFUdA)	0.010	0.010	0.010	ug/L	EPA 537	06/02/17 20:25	DIS	
Surrogate: 13C-PFDA	90.2	%	70-130		EPA 537	06/02/17 20:25	DIS	
Surrogate: 13C-PFHxA	77.3	%	70-130		EPA 537	06/02/17 20:25	DIS	



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
 Contact: Adrienne Thibeault
 Address: 2777 E Guasti Rd
 Ontario, CA 91761

Analytical Report: Page 4 of 12
 Project Name: California St. Landfill
 Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

B7E1763-03

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
B-4R	Water	05/18/17 11:10	05/18/17 15:24

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Perfluorinated Compounds by EPA 537								
8:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:20	DIS	
6:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:20	DIS	
N-EtFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:20	DIS	
N-MeFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:20	DIS	
Perfluoro-1-butanedisulfonate (PFBS)	ND	0.090	0.030	ug/L	EPA 537	06/02/17 17:20	DIS	
Perfluoro-n-butyric acid (PFBA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:20	DIS	NLOI
Perfluoro-n-decanoic acid (PFDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:20	DIS	
Perfluoro-n-dodecanoic acid (PFDoA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:20	DIS	
Perfluoro-1-heptadisulfonate (PFHpS)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:20	DIS	
Perfluoro-n-heptanoic Acid (PFHpA)	0.0094	0.010	0.0024	ug/L	EPA 537	06/02/17 17:20	DIS	J
Perfluoro-1-hexadisulfonate (PFHxS)	ND	0.030	0.0097	ug/L	EPA 537	06/02/17 17:20	DIS	
Perfluoro-n-hexanoic acid (PFHxA)	0.017	0.010	0.010	ug/L	EPA 537	06/02/17 17:20	DIS	
Perfluoro-n-nonyloic Acid (PFNA)	0.0074	0.020	0.0034	ug/L	EPA 537	06/02/17 17:20	DIS	J
Perfluoro-1-octadisulfonate (PFOS)	0.023	0.040	0.0093	ug/L	EPA 537	06/02/17 17:20	DIS	J
Perfluoro-n-octanoic Acid (PFOA)	0.014	0.020	0.0043	ug/L	EPA 537	06/02/17 17:20	DIS	J
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:20	DIS	
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:20	DIS	
Perfluoro-n-undecanoic acid (PFUdA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:20	DIS	
Surrogate: 13C-PFDA	92.4	%	70-130		EPA 537	06/02/17 17:20	DIS	
Surrogate: 13C-PFHxA	71.3	%	70-130		EPA 537	06/02/17 17:20	DIS	



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
 Contact: Adrienne Thibeault
 Address: 2777 E Guasti Rd
 Ontario, CA 91761

Analytical Report: Page 5 of 12
 Project Name: California St. Landfill
 Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

B7E1763-04

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
QCAB-B-4R-FB	Water	05/18/17 11:05	05/18/17 15:24

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Perfluorinated Compounds by EPA 537								
8:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:38	DIS	
6:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:38	DIS	
N-EtFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:38	DIS	
N-MeFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-1-butanedisulfonate (PFBS)	ND	0.090	0.030	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-n-butanedioic acid (PFBA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:38	DIS	NLOI
Perfluoro-n-decanoic acid (PFDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-n-dodecanoic acid (PFDoA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-1-heptadisulfonate (PFHpS)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-n-heptanoic Acid (PFHpA)	ND	0.010	0.0024	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-1-hexadisulfonate (PFHxS)	ND	0.030	0.0097	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-n-hexanoic acid (PFHxA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-n-nonanoic Acid (PFNA)	ND	0.020	0.0034	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-1-octadisulfonate (PFOS)	ND	0.040	0.0093	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-n-octanoic Acid (PFOA)	ND	0.020	0.0043	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:38	DIS	
Perfluoro-n-undecanoic acid (PFUdA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:38	DIS	
Surrogate: 13C-PFDA	81.8	%	70-130		EPA 537	06/02/17 20:38	DIS	
Surrogate: 13C-PFHxA	76.4	%	70-130		EPA 537	06/02/17 20:38	DIS	



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
 Contact: Adrienne Thibeault
 Address: 2777 E Guasti Rd
 Ontario, CA 91761

Analytical Report: Page 6 of 12
 Project Name: California St. Landfill
 Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

B7E1763-05

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
B-10C	Water	05/18/17 08:50	05/18/17 15:24

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Perfluorinated Compounds by EPA 537								
8:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:33	DIS	
6:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:33	DIS	
N-EtFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:33	DIS	
N-MeFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:33	DIS	
Perfluoro-1-butanedisulfonate (PFBS)	ND	0.090	0.030	ug/L	EPA 537	06/02/17 17:33	DIS	
Perfluoro-n-butyric acid (PFBA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:33	DIS	NLOI
Perfluoro-n-decanoic acid (PFDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:33	DIS	
Perfluoro-n-dodecanoic acid (PFDoA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:33	DIS	
Perfluoro-1-heptadisulfonate (PFHpS)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:33	DIS	
Perfluoro-n-heptanoic Acid (PFHpA)	0.0081	0.010	0.0024	ug/L	EPA 537	06/02/17 17:33	DIS	J
Perfluoro-1-hexadisulfonate (PFHxS)	ND	0.030	0.0097	ug/L	EPA 537	06/02/17 17:33	DIS	
Perfluoro-n-hexanoic acid (PFHxA)	0.029	0.010	0.010	ug/L	EPA 537	06/02/17 17:33	DIS	
Perfluoro-n-nonanoic Acid (PFNA)	ND	0.020	0.0034	ug/L	EPA 537	06/02/17 17:33	DIS	
Perfluoro-1-octadisulfonate (PFOS)	0.031	0.040	0.0093	ug/L	EPA 537	06/02/17 17:33	DIS	J
Perfluoro-n-octanoic Acid (PFOA)	0.030	0.020	0.0043	ug/L	EPA 537	06/02/17 17:33	DIS	
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:33	DIS	
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:33	DIS	
Perfluoro-n-undecanoic acid (PFUdA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:33	DIS	
Surrogate: 13C-PFDA	87.9	%	70-130		EPA 537	06/02/17 17:33	DIS	
Surrogate: 13C-PFHxA	74.2	%	70-130		EPA 537	06/02/17 17:33	DIS	



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
 Contact: Adrienne Thibeault
 Address: 2777 E Guasti Rd
 Ontario, CA 91761

Analytical Report: Page 7 of 12
 Project Name: California St. Landfill
 Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

B7E1763-06

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
QCAB-B-10C-FB	Water	05/18/17 08:45	05/18/17 15:24

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Perfluorinated Compounds by EPA 537								
8:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:51	DIS	
6:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:51	DIS	
N-EtFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:51	DIS	
N-MeFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-1-butanefulfonate (PFBS)	ND	0.090	0.030	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-n-butanefulfonate (PFBA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:51	DIS	NLOI
Perfluoro-n-decanefulfonate (PFDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-n-dodecanefulfonate (PFDoA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-1-heptanesulfonate (PFHpS)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-n-heptanefulfonate (PFHpA)	ND	0.010	0.0024	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-1-hexanesulfonate (PFHxS)	ND	0.030	0.0097	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-n-hexanefulfonate (PFHxA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-n-nonanefulfonate (PFNA)	ND	0.020	0.0034	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-1-octanesulfonate (PFOS)	ND	0.040	0.0093	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-n-octanefulfonate (PFOA)	ND	0.020	0.0043	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-n-tetradecanefulfonate (PFTeDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-n-tridecanefulfonate (PFTrDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:51	DIS	
Perfluoro-n-undecanefulfonate (PFUdA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 20:51	DIS	
Surrogate: 13C-PFDA	80.9	%	70-130		EPA 537	06/02/17 20:51	DIS	
Surrogate: 13C-PFHxA	72.7	%	70-130		EPA 537	06/02/17 20:51	DIS	



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
 Contact: Adrienne Thibeault
 Address: 2777 E Guasti Rd
 Ontario, CA 91761

Analytical Report: Page 8 of 12
 Project Name: California St. Landfill
 Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

B7E1763-07

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Phase II Sump	Water	05/18/17 12:20	05/18/17 15:24

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Perfluorinated Compounds by EPA 537								
8:2 Fluorotelomer Sulfonate	ND	0.022	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	NISm
6:2 Fluorotelomer Sulfonate	0.10	0.022	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	NISm
N-EtFOSAA	ND	0.022	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	
N-MeFOSAA	ND	0.022	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	
Perfluoro-1-butanedisulfonate (PFBS)	ND	0.20	0.066	ug/L	EPA 537	06/02/17 17:59	DIS	NISm
Perfluoro-n-butanedicarboxylic acid (PFBA)	ND	0.022	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	NLOI, NMout, NISm
Perfluoro-n-decanedicarboxylic acid (PFDA)	ND	0.022	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	NISm
Perfluoro-n-dodecanedicarboxylic acid (PFDoA)	ND	0.022	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	NISm
Perfluoro-1-heptadisulfonate (PFHpS)	ND	0.022	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	NMout, NISm
Perfluoro-n-heptanedicarboxylic acid (PFHpA)	0.52	0.022	0.0054	ug/L	EPA 537	06/02/17 17:59	DIS	NISm
Perfluoro-1-hexadisulfonate (PFHxS)	0.099	0.066	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	NMout, NISm
Perfluoro-n-hexanedicarboxylic acid (PFHxA)	0.64	0.022	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	NISm
Perfluoro-n-nonanedicarboxylic acid (PFNA)	0.023	0.044	0.0074	ug/L	EPA 537	06/02/17 17:59	DIS	NISm, J
Perfluoro-1-octadisulfonate (PFOS)	0.049	0.088	0.021	ug/L	EPA 537	06/02/17 17:59	DIS	NISm, J
Perfluoro-n-octanedicarboxylic acid (PFOA)	0.49	0.044	0.0096	ug/L	EPA 537	06/02/17 17:59	DIS	NISm
Perfluoro-n-tetradecanedicarboxylic acid (PFTeDA)	ND	0.022	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	NISm
Perfluoro-n-tridecanedicarboxylic acid (PFTrDA)	ND	0.022	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	NISm
Perfluoro-n-undecanedicarboxylic acid (PFUdA)	ND	0.022	0.022	ug/L	EPA 537	06/02/17 17:59	DIS	NISm
Surrogate: 13C-PFDA	116	%	70-130		EPA 537	06/02/17 17:59	DIS	NISm
Surrogate: 13C-PFHxA	44.8	%	70-130		EPA 537	06/02/17 17:59	DIS	NISm, NSint



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
 Contact: Adrienne Thibeault
 Address: 2777 E Guasti Rd
 Ontario, CA 91761

Analytical Report: Page 9 of 12
 Project Name: California St. Landfill
 Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

B7E1763-08

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
QCAB-Phase II Sump- FB	Water	05/18/17 12:15	05/18/17 15:24

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Perfluorinated Compounds by EPA 537								
8:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:04	DIS	
6:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:04	DIS	
N-EtFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:04	DIS	
N-MeFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-1-butanedisulfonate (PFBS)	ND	0.090	0.030	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-n-butyric acid (PFBA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:04	DIS	NLOI
Perfluoro-n-decanoic acid (PFDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-n-dodecanoic acid (PFDoA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-1-heptadisulfonate (PFHpS)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-n-heptanoic Acid (PFHpA)	ND	0.010	0.0024	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-1-hexadisulfonate (PFHxS)	ND	0.030	0.0097	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-n-hexanoic acid (PFHxA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-n-nonanoic Acid (PFNA)	ND	0.020	0.0034	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-1-octadisulfonate (PFOS)	ND	0.040	0.0093	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-n-octanoic Acid (PFOA)	ND	0.020	0.0043	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:04	DIS	
Perfluoro-n-undecanoic acid (PFUdA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:04	DIS	
Surrogate: 13C-PFDA	75.6	%	70-130		EPA 537	06/02/17 21:04	DIS	
Surrogate: 13C-PFHxA	73.6	%	70-130		EPA 537	06/02/17 21:04	DIS	



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
 Contact: Adrienne Thibeault
 Address: 2777 E Guasti Rd
 Ontario, CA 91761

Analytical Report: Page 10 of 12
 Project Name: California St. Landfill
 Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

B7E1763-09

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
Condensate	Water	05/18/17 12:15	05/18/17 15:24

Analyte(s)	Result	RDL	MDL	Units	Method	Analysis Date	Analyst	Flag
Perfluorinated Compounds by EPA 537								
8:2 Fluorotelomer Sulfonate	0.011	0.010	0.010	ug/L	EPA 537	06/02/17 17:46	DIS	QISm
6:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:46	DIS	QISm
N-EtFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:46	DIS	
N-MeFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:46	DIS	
Perfluoro-1-butanedisulfonate (PFBS)	ND	0.090	0.030	ug/L	EPA 537	06/02/17 17:46	DIS	
Perfluoro-n-butyric acid (PFBA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:46	DIS	NLOI
Perfluoro-n-decanoic acid (PFDA)	0.015	0.010	0.010	ug/L	EPA 537	06/02/17 17:46	DIS	
Perfluoro-n-dodecanoic acid (PFDoA)	0.019	0.010	0.010	ug/L	EPA 537	06/02/17 17:46	DIS	
Perfluoro-1-heptadisulfonate (PFHpS)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:46	DIS	
Perfluoro-n-heptanoic Acid (PFHpA)	0.0033	0.010	0.0024	ug/L	EPA 537	06/02/17 17:46	DIS	J
Perfluoro-1-hexadisulfonate (PFHxS)	ND	0.030	0.0097	ug/L	EPA 537	06/02/17 17:46	DIS	
Perfluoro-n-hexanoic acid (PFHxA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:46	DIS	
Perfluoro-n-nonanoic Acid (PFNA)	ND	0.020	0.0034	ug/L	EPA 537	06/02/17 17:46	DIS	
Perfluoro-1-octadisulfonate (PFOS)	0.012	0.040	0.0093	ug/L	EPA 537	06/02/17 17:46	DIS	J
Perfluoro-n-octanoic Acid (PFOA)	0.017	0.020	0.0043	ug/L	EPA 537	06/02/17 17:46	DIS	J
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:46	DIS	
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:46	DIS	
Perfluoro-n-undecanoic acid (PFUdA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 17:46	DIS	
Surrogate: 13C-PFDA	87.8	%	70-130		EPA 537	06/02/17 17:46	DIS	
Surrogate: 13C-PFHxA	75.4	%	70-130		EPA 537	06/02/17 17:46	DIS	



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
 Contact: Adrienne Thibeault
 Address: 2777 E Guasti Rd
 Ontario, CA 91761

Analytical Report: Page 11 of 12
 Project Name: California St. Landfill
 Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °C

Laboratory Reference Number

B7E1763-10

<u>Sample Description</u>	<u>Matrix</u>	<u>Sampled Date/Time</u>	<u>Received Date/Time</u>
QCAB-Condensate-FB	Water	05/18/17 12:10	05/18/17 15:24

<u>Analyte(s)</u>	<u>Result</u>	<u>RDL</u>	<u>MDL</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date</u>	<u>Analyst</u>	<u>Flag</u>
Perfluorinated Compounds by EPA 537								
8:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:17	DIS	
6:2 Fluorotelomer Sulfonate	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:17	DIS	
N-EtFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:17	DIS	
N-MeFOSAA	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-1-butanedisulfonate (PFBS)	ND	0.090	0.030	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-n-butanedioic acid (PFBA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:17	DIS	NLOI
Perfluoro-n-decanoic acid (PFDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-n-dodecanoic acid (PFDoA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-1-heptadisulfonate (PFHpS)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-n-heptanoic Acid (PFHpA)	ND	0.010	0.0024	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-1-hexadisulfonate (PFHxS)	ND	0.030	0.0097	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-n-hexanoic acid (PFHxA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-n-nonanoic Acid (PFNA)	ND	0.020	0.0034	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-1-octadisulfonate (PFOS)	ND	0.040	0.0093	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-n-octanoic Acid (PFOA)	ND	0.020	0.0043	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:17	DIS	
Perfluoro-n-undecanoic acid (PFUdA)	ND	0.010	0.010	ug/L	EPA 537	06/02/17 21:17	DIS	
Surrogate: 13C-PFDA	81.1	%	70-130		EPA 537	06/02/17 21:17	DIS	
Surrogate: 13C-PFHxA	76.9	%	70-130		EPA 537	06/02/17 21:17	DIS	



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
Contact: Adrienne Thibeault
Address: 2777 E Guasti Rd
Ontario, CA 91761

Analytical Report: Page 12 of 12
Project Name: California St. Landfill
Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °C

Notes and Definitions

- J Estimated value
- NISm Due to matrix interference, the internal standard recovery for this sample did not meet laboratory acceptance criteria.
- NLOI The LCS was biased low. The recovery did not meet laboratory acceptance criteria. Data is suspect.
- NMout The matrix spike and/or matrix spike duplicate performed on this sample did not meet laboratory acceptance criteria.
- NSint Due to matrix interference, the surrogate recovery for this sample cannot be accurately quantified.
- 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
- * / " : 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.

Amanda C. Porter

cc:

e-Short_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.

mailing
P.O Box 432
Riverside, CA 92502-0432

location
6100 Quail Valley Court
Riverside, CA 92507-0704

P 951 653 3351
F 951 653 1662
www.babcocklabs.com

CA ELAP No. 2698
EPA No. CA00102
NELAP No. OR4035
LACSD No. 10119



BABCOCK Laboratories, Inc.
The Standard of Excellence for Over 100 Years

Client Name: GeoLogic Associates-SB
Contact: Adrienne Thibeault
Address: 2777 E Guasti Rd
Ontario, CA 91761

Analytical Report: Page 1 of 1
Project Name: California St. Landfill
Project Number: PFAS

Report Date: 17-Jul-2017

Work Order Number: B7E1763

Received on Ice (Y/N): Yes Temp: 7 °C



6100 Quail Valley Court Riverside, CA 92507
(951) 653-3351 • FAX (951) 653-1662
www.babcocklabs.com

Chain of Custody & Sample Information Record

Client: City of Redlands Contact: Adrienne Thibeault Fax No. 909-626-1233
Phone No. 909-626-2282 email:
Project Name: California St. Landfill Turn Around Time: Routine *72 Hour Rush *48 Hour Rush *24 Hour Rush
Project Location: City of Redlands *Lab TAT Approval: By: *Additional Charges Apply
(Include Source Number in Notes)

Sampler Information			# of Containers & Preservatives										Sample Type		Analysis Requested		Matrix	Notes								
Name	Employer	Signature	Unpreserved	H ₂ SO ₄	HCl	HNO ₃	Na ₂ S ₂ O ₃	NaOH	NaOH/Zn Acetate	NH ₄ Cl	PDC	TV-Zinc	Total # of Containers	Routine	Resample	Special			DW = Drinking Water	WW = Waste Water	GW = Ground Water	S = Source	SG = Sludge	L = Liquid	M = Miscellaneous	
<u>BS, NR, AS</u>	<u>Geo-Logic Assoc.</u>	<u>AC-S</u>																								<u>QCAB samples should only be analyzed if any PFAS are detected in primary samples.</u>
<u>B-1C</u>	<u>5/18/18</u>	<u>1025</u>										X	2			X	X									<u>GW</u>
<u>QCAB-B-1C</u>		<u>1020</u>										X	1			X	X									<u>Reagent H₂O</u>
<u>B-4R</u>		<u>1110</u>										X	2			X	X									<u>GW</u>
<u>QCAB-B-4R</u>		<u>1105</u>										X	1			X	X									<u>Reagent H₂O</u>
<u>B-10C</u>		<u>0850</u>										X	2			X	X									<u>GW</u>
<u>QCAB-B-10C</u>		<u>0845</u>										X	1			X	X									<u>Reagent H₂O</u>
<u>Phase II Sump</u>		<u>1220</u>										X	2			X	X									<u>GW</u>
<u>QCAB-Phase II Sump</u>		<u>1215</u>										X	1			X	X									<u>Reagent H₂O</u>
<u>Condensate</u>		<u>1215</u>										X	2			X	X									<u>GW</u>
<u>QCAB-Condensate</u>		<u>1210</u>										X	1			X	X									<u>Reagent H₂O</u>

Relinquished By (sign) AC-S Print Name / Company A. SHAW / G.L.A Date / Time 5/18/18 12:24
Received By (sign) [Signature] Print Name / Company [Signature]

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?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Sample meets laboratory acceptance criteria?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Custody Seal(s) Intact?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <u>NA</u>	Permission to continue:	Yes <input type="checkbox"/> No <input type="checkbox"/>
Sample(s) Intact?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Deviation/Notes: <u>double bagged ice</u>	
Temperature: <u>7</u> °C	<input type="checkbox"/> Cooler Blank	Signature/Date: <u>[Signature]</u>	

Lab No. B7E1763
Logged in By/Date: NG MAY 18 2017
Page 1 of 1
Rev. 6/16

APPENDIX B

**LEACHATE, LANDFILL GAS, AND GENERAL SITE
MONITORING OPERATIONAL RECORDS**

LEACHATE OPERATIONAL RECORDS

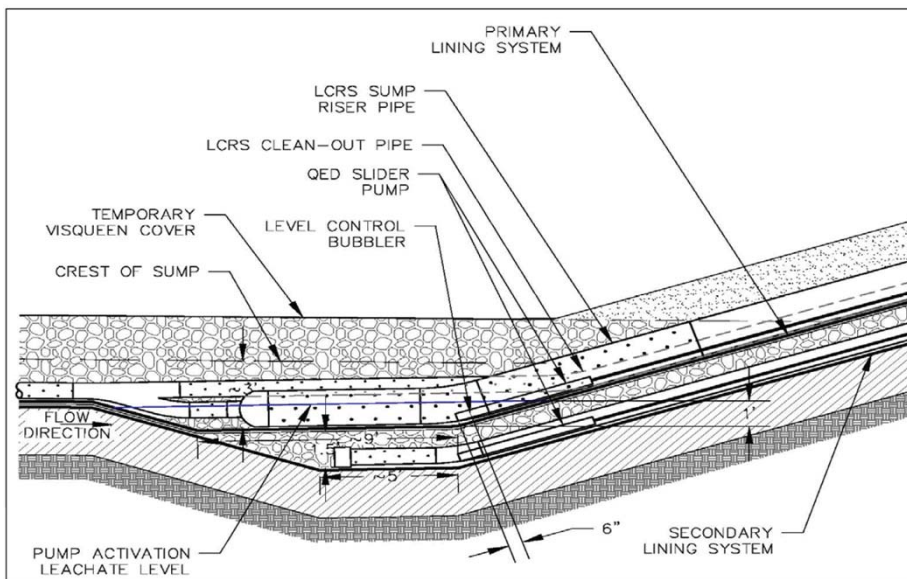
California Street Landfill				
	Phase I - Weekly LCRS Pump Monitoring Log		Phase II - Weekly LCRS Pump Monitoring Log	
Date	Leachate Level Above Pump (inches)	Flow Meter Reading (gal.)	Leachate Level Above Pump (inches)	Flow Meter Reading (gal.)
4/3/2017	N/A	17957	N/A	56249
4/10/2017	N/A	20235	N/A	59206
4/17/2017	N/A	23083	N/A	62902
4/24/2017	N/A	25113	N/A	64983
5/1/2017	N/A	26503	N/A	660
5/8/2017	N/A	28763	20	2087
5/15/2017	N/A	30949	21	4928
5/22/2017	N/A	33520	N/A	5449
5/30/2017	N/A	35792	N/A	6550
6/5/2017	N/A	33062	N/A	7650
6/12/2017	35	40557	90	8367
6/19/2017	30	43444	80	11219
6/26/2017	30	46388	N/A	14183

Comments

Pump not working, received quote to replace.

Meter reader scheduled for replacement on 7/30/2017

LCRS SUMP FIGURE





CALIFORNIA STREET LANDFILL

DATE: 4-3-17

PHASE #1 PUMP Working

PHASE #2 PUMP Working

DATALOGGER #1

H-1 - 1.1

H-2 - 3.7

H-3 - 3.2

H-4 - 2.2

H-5 - 2.8

H-6 - 3.2

H-7 - 3.1

H-8 - 1.2

H-9 - 3.5

DATALOGGER #2

H-1 - 0.6

H-2 - 1.4

H-3 - 1.9

H-4 - 0.6

H-5 - 1.6

H-6 - 1.2

H-7 - 0.4

H-8 - 1.5

H-9 - 2.0

SUMP #1 17957

GAL: _____

SUMP #2 56249

GAL: _____

SUMP #3 _____

GAL: _____

SUMP #4 _____

GAL: _____

NOTES: _____

FLARE METER : 2785624

COMPRESSOR: 2387

SIGNED: [Signature]



CALIFORNIA STREET LANDFILL

DATE: 4-10-17

PHASE #1 PUMP Working
PHASE #2 PUMP Working

DATALOGGER #1
H-1 - 1.1
H-2 - 3.6
H-3 - 3.1
H-4 - 2.1
H-5 - 2.7
H-6 - 3.0
H-7 - 3.0
H-8 - 1.0
H-9 - 3.4

DATALOGGER #2
H-1 - 0.5
H-2 - 1.3
H-3 - 1.9
H-4 - 0.5
H-5 - 1.5
H-6 - 1.1
H-7 - 0.2
H-8 - 1.4
H-9 - 1.8

SUMP #1 20235 GAL: _____
SUMP #2 59206 GAL: _____
SUMP #3 _____ GAL: _____
SUMP #4 _____ GAL: _____

NOTES: _____

FLARE METER : 2785271
COMPRESSOR: 2424
SIGNED: [Signature]



CALIFORNIA STREET LANDFILL

DATE: 4-17-17

PHASE #1 PUMP Working
PHASE #2 PUMP Not Working

DATALOGGER #1
H-1 -1.1
H-2 -3.5
H-3 -3.0
H-4 -2.0
H-5 -2.7
H-6 -3.0
H-7 -2.9
H-8 -1.0
H-9 -3.3

DATALOGGER #2
H-1 -0.5
H-2 -1.2
H-3 1.8
H-4 -0.5
H-5 -1.5
H-6 -1.1
H-7 -0.2
H-8 -1.4
H-9 -1.8

SUMP #1 23083 GAL: _____
SUMP #2 62902 GAL: _____
SUMP #3 _____ GAL: _____
SUMP #4 _____ GAL: _____

NOTES: _____

FLARE METER : 2786118
COMPRESSOR: 2459
SIGNED: My A



CALIFORNIA STREET LANDFILL

DATE: 4-24-17

PHASE #1 PUMP Working

PHASE #2 PUMP not working

DATALOGGER #1

H-1 -1.1

H-2 -3.8

H-3 -3.3

H-4 -2.3

H-5 -2.9

H-6 -3.2

H-7 -3.1

H-8 -1.2

H-9 -3.5

DATALOGGER #2

H-1 -0.6

H-2 -1.4

H-3 -1.6

H-4 -0.6

H-5 -1.7

H-6 -1.1

H-7 -0.4

H-8 -1.5

H-9 -2.0

SUMP #1 25113

GAL: _____

SUMP #2 64983

GAL: _____

SUMP #3 _____

GAL: _____

SUMP #4 _____

GAL: _____

NOTES: _____

FLARE METER : 2726415

COMPRESSOR: 2497

SIGNED: *My R*



CALIFORNIA STREET LANDFILL

DATE: 6-5-17

PHASE #1 PUMP NOT working

PHASE #2 PUMP working

DATALOGGER #1

H-1 -1.1
H-2 -3.9
H-3 -3.3
H-4 -2.3
H-5 -2.9
H-6 -3.2
H-7 -1.3
H-8 -2.5
H-9 -2.2

DATALOGGER #2

H-1 NOT working
H-2 _____
H-3 _____
H-4 _____
H-5 _____
H-6 _____
H-7 _____
H-8 _____
H-9 _____

SUMP #1 38062
SUMP #2 7650
SUMP #3 _____
SUMP #4 _____

GAL: 0
GAL: 30
GAL: _____
GAL: _____

NOTES: _____

FLARE METER : 2787798

COMPRESSOR: 2695

SIGNED: My R



PHASE #1 PUMP Working

PHASE #2 PUMP Working

DATALOGGER #1

H-1 -1.0

H-2 -3.6

H-3 -3.2

H-4 -2.1

H-5 -2.7

H-6 -3.1

H-7 -3.0

H-8 -1.1

H-9 -3.4

DATALOGGER #2

H-1 not working

H-2 _____

H-3 _____

H-4 _____

H-5 _____

H-6 _____

H-7 _____

H-8 _____

H-9 _____

SUMP #1 40557

GAL: 35

SUMP #2 8367

GAL: 90

SUMP #3 _____

GAL: _____

SUMP #4 _____

GAL: _____

NOTES: _____

FLARE METER : 2737600

COMPRESSOR: 2732

SIGNED: [Signature]



CALIFORNIA STREET LANDFILL

DATE: 6-19-17

PHASE #1 PUMP working

PHASE #2 PUMP working

DATALOGGER #1

H-1 -1.0
H-2 -3.8
H-3 -3.4
H-4 -2.4
H-5 -2.9
H-6 -3.3
H-7 -3.2
H-8 -1.3
H-9 -3.6

DATALOGGER #2

H-1 no
H-2 pending
H-3 solar panel
H-4 being worked
H-5 on.
H-6 _____
H-7 _____
H-8 _____
H-9 _____

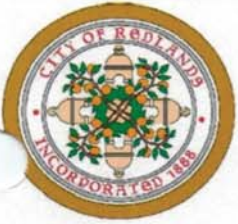
SUMP #1 43444 GAL: 30
SUMP #2 11249 GAL: 80
SUMP #3 _____ GAL: _____
SUMP #4 _____ GAL: _____

NOTES: _____

FLARE METER: 8787733

COMPRESSOR: 2753

SIGNED: R. Armony



CALIFORNIA STREET LANDFILL

DATE: 6-26-17

PHASE #1 PUMP Working

PHASE #2 PUMP Working

DATALOGGER #1

H-1 -1.0
H-2 ~3.7
H-3 -3.3
H-4 -2.2
H-5 -2.8
H-6 -3.2
H-7 -3.1
H-8 ~1.2
H-9 -3.5

DATALOGGER #2

H-1 NOT
H-2 WORKING
H-3 _____
H-4 _____
H-5 _____
H-6 _____
H-7 _____
H-8 _____
H-9 _____

SUMP #1 46388 GAL: 30

SUMP #2 14183 GAL: 100

SUMP #3 _____ GAL: _____

SUMP #4 _____ GAL: _____

NOTES: _____

FLARE METER : 2787820

COMPRESSOR: 2841

SIGNED: *My R*



CALIFORNIA STREET LANDFILL

DATE: 5-1-17

PHASE #1 PUMP not working

PHASE #2 PUMP not working

DATALOGGER #1

H-1 -1.1

H-2 -3.7

H-3 -3.2

H-4 -2.8

H-5 -3.1

H-6 -3.0

H-7 -1.1

H-8 -3.4

H-9 -2.3

DATALOGGER #2

H-1 -0.6

H-2 -1.3

H-3 -1.5

H-4 -0.6

H-5 -1.6

H-6 -1.2

H-7 -0.3

H-8 -1.5

H-9 -1.9

SUMP #1 26503

GAL: _____

SUMP #2 660

GAL: _____

SUMP #3 _____

GAL: _____

SUMP #4 _____

GAL: _____

NOTES: _____

FLARE METER : 2786616

COMPRESSOR: 2521

SIGNED: *My R*



PHASE #1 PUMP Not Working

PHASE #2 PUMP Working

DATALOGGER #1

H-1 -1.1

H-2 -3.7

H-3 -3.3

H-4 -2.3

H-5 -2.8

H-6 -3.2

H-7 -3.2

H-8 -1.2

H-9 -3.5

DATALOGGER #2

H-1 -0.7

H-2 -1.4

H-3 -1.5

H-4 -0.6

H-5 -1.7

H-6 -1.2

H-7 -0.4

H-8 -1.5

H-9 -2.0

SUMP #1 28763

GAL: _____

SUMP #2 2087

GAL: _____

SUMP #3 _____

GAL: _____

SUMP #4 _____

GAL: _____

NOTES: _____

FLARE METER : 2786893

COMPRESSOR: 2554

SIGNED: *[Signature]*



CALIFORNIA STREET LANDFILL

DATE: 5-15-17

PHASE #1 PUMP NOT working

PHASE #2 PUMP working

DATALOGGER #1

H-1 -1.1

H-2 -3.8

H-3 -3.3

H-4 -2.3

H-5 -2.9

H-6 -3.2

H-7 -1.2

H-8 -2.5

H-9 -2.2

DATALOGGER #2

H-1 _____

H-2 _____

H-3 _____

H-4 _____

H-5 _____

H-6 _____

H-7 _____

H-8 _____

H-9 _____

*W/ Resolving
off line*

SUMP #1 30949

GAL: _____

SUMP #2 4928

GAL: _____

SUMP #3 _____

GAL: _____

SUMP #4 _____

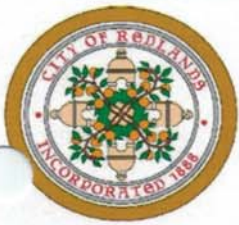
GAL: _____

NOTES: _____

FLARE METER: 2787108

COMPRESSOR: 2586

SIGNED: *Paul [Signature]*



CALIFORNIA STREET LANDFILL

DATE: 5-22-17

PHASE #1 PUMP Not Working

PHASE #2 PUMP Working

DATALOGGER #1

H-1 -1.1

H-2 -3.7

H-3 -3.2

H-4 -2.2

H-5 -2.8

H-6 -3.2

H-7 -3.1

H-8 -1.1

H-9 -3.5

DATALOGGER #2

H-1 Not Working

H-2 _____

H-3 _____

H-4 _____

H-5 _____

H-6 _____

H-7 _____

H-8 _____

H-9 _____

SUMP #1 33520

GAL: 0

SUMP #2 5449

GAL: 70

SUMP #3 _____

GAL: _____

SUMP #4 _____

GAL: _____

NOTES: _____

FLARE METER : 2787362

COMPRESSOR: 2622

SIGNED: [Signature]



CALIFORNIA STREET LANDFILL

DATE: 5-30-17

PHASE #1 PUMP NOT WORKING
PHASE #2 PUMP WORKING

DATALOGGER #1
H-1 -1.0
H-2 -3.7
H-3 -3.3
H-4 -2.2
H-5 -2.8
H-6 -3.2
H-7 -3.1
H-8 -1.2
H-9 -3.5

DATALOGGER #2
H-1 NOT WORKING
H-2 _____
H-3 _____
H-4 _____
H-5 _____
H-6 _____
H-7 _____
H-8 _____
H-9 _____

SUMP #1 35792 GAL: 0
SUMP #2 6550 GAL: 35
SUMP #3 _____ GAL: _____
SUMP #4 _____ GAL: _____

NOTES: _____

FLARE METER : 2787580
COMPRESSOR: 2658
SIGNED: My R

LANDFILL GAS OPERATIONAL RECORDS

Executive Summary - Landfill Emissions Monitoring Second Quarter 2017
California Street Landfill; Redlands, California

This report has been prepared by ES Engineering Services, LLC (ES), formerly GC Environmental, Inc. (GCE), on behalf of the City of Redlands, and provides a summary of results of the Second Quarter 2017 landfill gas system monitoring, Surface Emission Monitoring, and Ambient Air sampling performed at the California Street Landfill (Site), located between California Street and Nevada Street, and North of Palmetto Avenue in the City of Redlands. Monitoring was performed in general accordance with the requirements of the South Coast Air Quality Management District (SCAQMD) Amended Rule 1150.1 permit, dated April 1, 2011, permit and the requirements for perimeter monitoring under Subtitle D (40 CFR 258) and Title 27, California Code of Regulations.

On November 4, 2013, ES/ GCE was awarded the contract for the Operation and Maintenance of the landfill gas collection and control system at the California Street Landfill (CSL). As of November 2013, ES/ GCE has been performing the monitoring tasks in accordance with the Alternative Compliance Plan.

The Second Quarter 2017 monitoring event (April 1 through June 30, 2017) was performed by ES in accordance with the Alternative Compliance Plan. Monthly perimeter probe monitoring and extraction wellhead monitoring for gauge pressure were performed on April 12, 14, and 17, May 9, 10, and 11, and June 7, and 8, 2017. Based on the *monthly monitoring results*, with the exception of probe P-8C in April, May, and June at 18.5%, 16.3%, and 16.2%, respectively, all probes are in compliance with the regulatory limit of 5% by volume in air. Methane concentration was not detected in Probes P-11A, P-11B, and P-11C in the second quarter of 2017.

Probes P-8 and P-11 which are located at the southwest and southeast corners of the lined Phase 2 landfill have had methane exceedances for the past couple of years. Several corrective actions have been taken by the City to mitigate methane exceedances in Probes P-8 and P-11. A total of 6 vertical wells (VW-51 through VW-56) were installed in the lined Phases 1 and 2 and were connected to the gas collection system. In association with the new wells, a condensate collection sump (CS#5) was also installed at the southwest corner of Phase 3 landfill. As of May 2014 the new wells have been added to the monthly monitoring program.

In December 2016, a total of 10 vertical extraction wells (SVE-4 through SVE-13) were installed and connected to the gas collection system. Two wells are located in close proximity to Probe P-8, and two wells are located next to Probe P-11, to help mitigate methane exceedances in these probes. A total of six wells are located along the header in the southern portion of the unlined Northern landfill. As of December 2016 the new wells have been added to the monthly monitoring program.

To assess the impact of the corrective actions taken by the City and multiple wellfield/ system adjustment and troubleshooting by ES, we have been monitoring the methane concentrations in these probes on a more frequent basis. The City has also been making the necessary repairs to the condensate and leachate collection sumps for their proper operations on an as-needed basis. Results of the weekly monitoring are documented in the tables and shown on the graphs included in the report. Based on the data, as a result of the corrective action efforts, the methane concentration in all intervals of probe P-11 and the shallow and intermediate depths of probe P-8 are in compliance with the regulatory limit of 5% by volume in air. Methane concentration in the deep interval of probe P-8 has been fluctuating and is still above the regulatory limit of 5% by volume in air. ES will continue to monitor the probes and adjust the nearby wells to help bring probe P-8C into compliance with the regulatory limit of 5% by volume in air.

Condensate and leachate sumps are monitored for their condition/ operational status, and the results are provided to the City for review and any repairs/ corrective actions, if required. Condensate, if not removed, can create blockage in the wells and header restricting the flow of gas, thereby providing an opportunity for gas migration and emission. As a result of continued efforts by ES and the City, during this quarter all condensate sumps were in good working conditions. Condensate Sump CS#4 was recently repaired with a new pump and is working properly. Both Leachate Sumps LCRS #1 and LCRS #2 were recently repaired and are working properly as well. The City continues making the necessary repairs to the condensate and leachate collection sumps for their proper operations. Proper operation of the condensate/ leachate collection system should prevent condensate blockage in the header, enhance gas collection, and help mitigate methane exceedance in the probes.

Monthly extraction wellhead monitoring was conducted on April 12, 14, and 17, May 9, 10, and 11, and June 7, and 8, 2017. Based on the results, negative pressure was reported in all of the wells that were operational and connected to the system. However, well HW-5 had static pressure of zero because the lateral was full of liquid, the gate valve located near this well needs to be changed so that liquid cannot buildup in the lateral. Some of the wells in the Northern landfill have had low methane concentrations; therefore, these wells are partially or

fully closed, as needed. The wells in the eastern section of the landfill including wells VW-26, and VW-28 through VW-33 are not connected to the system. These wells were monitored for gas composition, however, well pressures and flows were not recorded for the wells.

Monthly component leak testing was performed during the perimeter probe monitoring events. TOC concentrations above 500 ppmv, measured as methane, were not reported during the monthly component leak testing event.

Quarterly Surface Emission Monitoring (SEM) were performed by RES Environmental Services (RES) on April 26, 2017 in compliance with Rule 1150.1. Based on the results of Instantaneous Surface Monitoring (ISM), TOC concentrations above 500 parts per million by volume (ppmv), measured as methane, were reported at two locations in Grids #36 and #17. Monitoring was performed again on May 5, 2017 and TOC concentrations above 500 parts per million were not detected. In addition, the Integrated Surface Monitoring and Sampling (ISS) performed on April 13, and 19, 2017, indicated that none of the grids field monitored had TOC concentrations above 25 parts per million by volume (ppmv), measured as methane. The field monitoring results were confirmed by laboratory analysis for samples from two of the grids with the highest reported concentration of TOC, sampled on April 19, 2017.

Ambient Air samples were also collected by RES Environmental Services (RES), on April 26 and 27, 2017, the reported concentration of methane ranged between 1.7 and 7.2 ppmv, and the reported concentrations of Total Gaseous Non-Methane, Non-Ethane Organic (TGNMO) were non-detect. The reported concentration of methane ranged between 1.8 and 5.0 ppmv, and the reported concentrations of TGNMO were non-detect for the samples collected on May 24 and 25, 2017. For the samples collected on June 5 and 6, 2017, the reported concentration of methane ranged between 1.5 and 2.6 ppmv, and the reported concentrations of TGNMO were non-detect.

**TABLE 1 - Monitoring Probe Data
California St. Landfill, Redlands, CA**

DATE MONITORING: April 12, 14, 17, 2017
 May 9, 10, 11, 2017
 June 7, 8, 2017
 TECHNICIAN: Kambiz Joztehrani, Robert Howard
 ES PROJECT NUMBER: 110709

EQUIPMENT USED: GEM 2000, TSI, RKI, PID, Pump
 WEATHER / TEMPERATURE: 4/12/2017 AM 62.6°F PM 79.0°F, 4/14/2017 AM 57.0°F PM 71.4°F
 4/17/2017 AM 64.4°F PM 77.9°F
 5/9/2017 AM 55.4°F PM 75.2°F, 5/10/2017 AM 57.2°F PM 68.0°F
 5/11/2017 AM 57.2°F PM 82.4°F
 6/7/2017 AM 68.5°F PM 85.6°F, 6/8/2017 AM 64.9°F PM 82.9°F
 BAROMETRIC PRESSURE: 4/12/2017 AM 30.04" PM 30.00", 4/12/2017 AM 30.00" PM 29.94"
 4/17/2017 AM 30.09" PM 30.04"
 5/9/2017 AM 29.87" PM 29.89", 5/10/2017 AM 30.05" PM 30.08"
 5/11/2017 AM 30.12" PM 30.06"
 6/7/2017 AM 29.95" PM 29.92", 6/8/2017 AM 30.00" PM 29.95"

Probe	Depth	Purging Time sec. (GEM, RKI)	Date	Time	Gas Composition (%)				Relative Pressure	Comments
					CH4	CO2	O2	BALANCE		
P4A	20'	618, 196	4/12/2017	1:20 PM	0.0	1.5	18.6	79.9	0.00	
P4A	20'	618, 196	5/9/2017	1:50 PM	0.0	2.7	17.1	80.2	0.00	
P4A	20'	618, 196	6/7/2017	2:39 PM	0.0	1.9	16.3	81.8	0.00	
P5AM	29'	224, 71	4/12/2017	1:09 PM	0.0	1.8	20.1	78.1	0.00	
P5AM	29'	224, 71	5/9/2017	1:40 PM	0.0	2.2	17.8	80.0	-0.23	
P5AM	29'	224, 71	6/7/2017	2:32 PM	0.0	1.7	17.4	80.9	0.15	
P6RA	12'	93, 29	4/12/2017	12:52 PM	0.0	2.1	17.1	80.8	0.00	
P6RA	12'	93, 29	5/9/2017	1:32 PM	0.0	1.9	17.9	80.2	0.00	
P6RA	12'	93, 29	6/7/2017	12:33 PM	0.0	1.8	17.8	80.4	0.00	
P6RB	29'	224, 71	4/12/2017	12:56 PM	0.0	0.9	19.7	79.4	0.00	
P6RB	29'	224, 71	5/9/2017	1:35 PM	0.0	2.1	18.1	79.8	0.00	
P6RB	29'	224, 71	6/7/2017	12:37 PM	0.0	2.0	18.1	79.9	0.00	
P7RA	12'	93, 29	4/12/2017	12:39 PM	0.0	2.2	17.4	80.4	0.00	
P7RA	12'	93, 29	5/9/2017	1:26 PM	0.0	2.0	18.3	79.7	0.11	
P7RA	12'	93, 29	6/7/2017	12:24 PM	0.0	1.8	18.7	79.5	0.10	
P7RB	24'	185, 59	4/12/2017	12:42 PM	0.0	2.2	17.4	80.4	0.00	
P7RB	24'	185, 59	5/9/2017	1:28 PM	0.0	2.2	17.5	80.3	0.03	
P7RB	24'	185, 59	6/7/2017	12:26 PM	0.0	2.1	17.4	80.5	0.00	

**TABLE 1 - Monitoring Probe Data
California St. Landfill, Redlands, CA**

DATE MONITORING: April 12, 14, 17, 2017
 May 9, 10, 11, 2017
 June 7, 8, 2017
 TECHNICIAN: Kambiz Jozitehrani, Robert Howard
 ES PROJECT NUMBER: 110709

EQUIPMENT USED: GEM 2000, TSI, RKI, PID, Pump
 WEATHER / TEMPERATURE: 4/12/2017 AM 62.6°F PM 79.0°F, 4/14/2017 AM 57.0°F PM 71.4°F
 4/17/2017 AM 64.4°F PM 77.9°F
 5/9/2017 AM 55.4°F PM 75.2°F, 5/10/2017 AM 57.2°F PM 68.0°F
 5/11/2017 AM 57.2°F PM 82.4°F
 6/7/2017 AM 68.5°F PM 85.6°F, 6/8/2017 AM 64.9°F PM 82.9°F
 BAROMETRIC PRESSURE: 4/12/2017 AM 30.04" PM 30.00", 4/12/2017 AM 30.00" PM 29.94"
 4/17/2017 AM 30.09" PM 30.04"
 5/9/2017 AM 29.87" PM 29.89", 5/10/2017 AM 30.05" PM 30.08"
 5/11/2017 AM 30.12" PM 30.06"
 6/7/2017 AM 29.95" PM 29.92", 6/8/2017 AM 30.00" PM 29.95"

Probe	Depth	Purging Time sec. (GEM, RKI)	Date	Time	Gas Composition (%)				Relative Pressure	Comments
					CH4	CO2	O2	BALANCE		
P7RC	36'	278, 88	4/12/2017	12:47 PM	0.0	2.4	15.3	82.3	0.12	
P7RC	36'	278, 88	5/9/2017	1:30 PM	0.0	2.7	17.3	80.0	0.10	
P7RC	36'	278, 88	6/7/2017	12:28 PM	0.0	2.5	17.5	80.0	0.00	
P8A	12'	93, 29	4/3/2017	8:38 AM	0.5	9.6	12.1	77.8	-0.09	
P8A	12'	93, 29	4/7/2017	5:04 PM	0.3	10.4	9.5	79.8	-0.30	
P8A	12'	93, 29	4/17/2017	12:51 PM	0.2	9.6	10.2	80.0	-0.36	
P8A	12'	93, 29	4/25/2017	2:00 PM	0.4	6.8	12.3	80.5	-0.32	
P8A	12'	93, 29	5/4/2017	1:14 PM	0.2	8.4	10.9	80.5	-0.04	
P8A	12'	93, 29	5/10/2017	12:28 PM	0.0	7.8	13.0	79.2	-0.53	
P8A	12'	93, 29	5/17/2017	1:36 PM	0.0	6.2	13.1	80.7	-0.47	
P8A	12'	93, 29	5/24/2017	1:46 PM	0.0	5.3	14.7	80.0	-0.19	
P8A	12'	93, 29	6/1/2017	1:45 PM	0.3	7.8	10.0	81.9	-0.30	
P8A	12'	93, 29	6/8/2017	1:02 PM	0.0	12.7	9.2	78.1	-0.27	
P8A	12'	93, 29	6/15/2017	1:53 PM	0.3	8.2	8.9	82.6	-0.30	

**TABLE 1 - Monitoring Probe Data
California St. Landfill, Redlands, CA**

DATE MONITORING: April 12, 14, 17, 2017
 May 9, 10, 11, 2017
 June 7, 8, 2017

TECHNICIAN: Kambiz Jozitehrani, Robert Howard
 ES PROJECT NUMBER: 110709

EQUIPMENT USED: GEM 2000, TSI, RKI, PID, Pump
 WEATHER / TEMPERATURE: 4/12/2017 AM 62.6°F PM 79.0°F, 4/14/2017 AM 57.0°F PM 71.4°F
 4/17/2017 AM 64.4°F PM 77.9°F
 5/9/2017 AM 55.4°F PM 75.2°F, 5/10/2017 AM 57.2°F PM 68.0°F
 5/11/2017 AM 57.2°F PM 82.4°F
 6/7/2017 AM 68.5°F PM 85.6°F, 6/8/2017 AM 64.9°F PM 82.9°F

BAROMETRIC PRESSURE: 4/12/2017 AM 30.04" PM 30.00", 4/12/2017 AM 30.00" PM 29.94"
 4/17/2017 AM 30.09" PM 30.04"
 5/9/2017 AM 29.87" PM 29.89", 5/10/2017 AM 30.05" PM 30.08"
 5/11/2017 AM 30.12" PM 30.06"
 6/7/2017 AM 29.95" PM 29.92", 6/8/2017 AM 30.00" PM 29.95"

Probe	Depth	Purging Time sec. (GEM, RKI)	Date	Time	Gas Composition (%)				Relative Pressure	Comments
					CH4	CO2	O2	BALANCE		
P8B	24'	185, 59	4/3/2017	8:42 AM	0.9	15.5	6.2	77.4	-0.74	
P8B	24'	185, 59	4/7/2017	5:08 PM	0.2	12.0	8.2	79.6	-0.52	
P8B	24'	185, 59	4/17/2017	12:55 PM	0.4	13.6	5.9	80.1	-0.64	
P8B	24'	185, 59	4/25/2017	2:03 PM	0.5	9.2	9.7	80.6	-0.69	
P8B	24'	185, 59	5/4/2017	1:17 PM	0.1	11.5	7.8	80.6	-0.10	
P8B	24'	185, 59	5/10/2017	12:32 PM	0.0	10.9	10.0	79.1	-0.87	
P8B	24'	185, 59	5/17/2017	1:39 PM	0.0	10.2	8.9	80.9	-0.65	
P8B	24'	185, 59	5/24/2017	1:43 PM	0.0	9.2	8.3	82.5	-0.37	
P8B	24'	185, 59	6/1/2017	1:48 PM	0.2	8.4	9.3	82.1	-0.53	
P8B	24'	185, 59	6/8/2017	1:06 PM	0.0	8.9	9.5	81.6	-0.61	
P8B	24'	185, 59	6/15/2017	1:56 PM	0.2	9.8	7.0	83.0	-0.52	
P8C	41'	317, 101	4/3/2017	8:48 AM	22.0	25.2	5.2	47.6	-1.80	
P8C	41'	317, 101	4/7/2017	5:14 PM	19.6	23.0	5.9	51.5	-1.38	
P8C	41'	317, 101	4/17/2017	1:02 PM	18.5	22.3	5.2	54.0	-1.56	
P8C	41'	317, 101	4/25/2017	2:08 PM	19.6	23.1	5.0	52.3	-1.42	
P8C	41'	317, 101	5/4/2017	1:22 PM	17.5	21.5	6.0	55.0	0.93	
P8C	41'	317, 101	5/10/2017	12:37 PM	16.3	22.0	6.2	55.5	-2.01	
P8C	41'	317, 101	5/17/2017	1:45 PM	17.2	20.7	6.5	55.6	-1.67	
P8C	41'	317, 101	5/24/2017	1:35 PM	17.8	20.6	5.5	56.1	-1.26	

**TABLE 1 - Monitoring Probe Data
California St. Landfill, Redlands, CA**

DATE MONITORING: April 12, 14, 17, 2017
 May 9, 10, 11, 2017
 June 7, 8, 2017
 TECHNICIAN: Kambiz Joztehrani, Robert Howard
 ES PROJECT NUMBER: 110709

EQUIPMENT USED: GEM 2000, TSI, RKI, PID, Pump
 WEATHER / TEMPERATURE: 4/12/2017 AM 62.6°F PM 79.0°F, 4/14/2017 AM 57.0°F PM 71.4°F
 4/17/2017 AM 64.4°F PM 77.9°F
 5/9/2017 AM 55.4°F PM 75.2°F, 5/10/2017 AM 57.2°F PM 68.0°F
 5/11/2017 AM 57.2°F PM 82.4°F
 6/7/2017 AM 68.5°F PM 85.6°F, 6/8/2017 AM 64.9°F PM 82.9°F
 BAROMETRIC PRESSURE: 4/12/2017 AM 30.04" PM 30.00", 4/12/2017 AM 30.00" PM 29.94"
 4/17/2017 AM 30.09" PM 30.04"
 5/9/2017 AM 29.87" PM 29.89", 5/10/2017 AM 30.05" PM 30.08"
 5/11/2017 AM 30.12" PM 30.06"
 6/7/2017 AM 29.95" PM 29.92", 6/8/2017 AM 30.00" PM 29.95"

Probe	Depth	Purging Time sec. (GEM, RKI)	Date	Time	Gas Composition (%)					Relative Pressure	Comments
					CH4	CO2	O2	BALANCE			
P8C	41'	317, 101	6/1/2017	1:53 PM	17.2	20.0	5.8	57.0		-1.26	
P8C	41'	317, 101	6/8/2017	1:12 PM	16.2	20.6	4.3	58.9		-1.07	
P8C	41'	317, 101	6/15/2017	2:01 PM	16.5	19.3	5.8	58.4		-1.21	
P9RA	63'	487, 155	4/12/2017	11:05 AM	0.0	0.1	20.5	79.4		-0.46	
P9RA	63'	487, 155	5/9/2017	12:09 PM	0.0	3.1	9.8	87.1		0.00	
P9RA	63'	487, 155	6/7/2017	11:37 AM	0.0	2.8	10.1	87.1		0.00	
P9RB	46'	355, 113	4/12/2017	11:01 AM	0.0	0.1	20.3	79.6		-0.57	
P9RB	46'	355, 113	5/9/2017	12:15 PM	0.0	3.0	8.5	88.5		0.00	
P9RB	46'	355, 113	6/7/2017	11:43 AM	0.0	3.2	7.6	89.2		0.00	
P9RC	29'	224, 71	4/12/2017	10:55 AM	0.0	0.1	20.2	79.7		-0.01	
P9RC	29'	224, 71	5/9/2017	12:18 PM	0.0	1.3	18.7	80.0		0.00	
P9RC	29'	224, 71	6/7/2017	11:49 AM	0.0	1.3	17.9	80.8		0.00	
P9RD	12'	93, 29	4/12/2017	10:53 AM	0.0	1.6	18.6	79.8		0.00	
P9RD	12'	93, 29	5/9/2017	12:22 PM	0.0	1.5	18.9	79.6		0.00	
P9RD	12'	93, 29	6/7/2017	11:52 AM	0.0	1.8	18.7	79.5		0.00	
P10AS	9.6'	74, 24	4/12/2017	12:23 PM	0.0	0.3	19.9	79.8		0.00	
P10AS	9.6'	74, 24	5/9/2017	1:15 PM	0.0	1.3	18.7	80.0		0.00	
P10AS	9.6'	74, 24	6/7/2017	12:28 PM	0.0	1.4	18.6	80.0		0.00	

**TABLE 1 - Monitoring Probe Data
California St. Landfill, Redlands, CA**

DATE MONITORING: April 12, 14, 17, 2017
 May 9, 10, 11, 2017
 June 7, 8, 2017
 TECHNICIAN: Kambiz Joztehrani, Robert Howard
 ES PROJECT NUMBER: 110709

EQUIPMENT USED: GEM 2000, TSI, RKI, PID, Pump
 WEATHER / TEMPERATURE: 4/12/2017 AM 62.6°F PM 79.0°F, 4/14/2017 AM 57.0°F PM 71.4°F
 4/17/2017 AM 64.4°F PM 77.9°F
 5/9/2017 AM 55.4°F PM 75.2°F, 5/10/2017 AM 57.2°F PM 68.0°F
 5/11/2017 AM 57.2°F PM 82.4°F
 6/7/2017 AM 68.5°F PM 85.6°F, 6/8/2017 AM 64.9°F PM 82.9°F
 BAROMETRIC PRESSURE: 4/12/2017 AM 30.04" PM 30.00", 4/12/2017 AM 30.00" PM 29.94"
 4/17/2017 AM 30.09" PM 30.04"
 5/9/2017 AM 29.87" PM 29.89", 5/10/2017 AM 30.05" PM 30.08"
 5/11/2017 AM 30.12" PM 30.06"
 6/7/2017 AM 29.95" PM 29.92", 6/8/2017 AM 30.00" PM 29.95"

Probe	Depth	Purging Time sec. (GEM, RKI)	Date	Time	Gas Composition (%)				Relative Pressure	Comments
					CH4	CO2	O2	BALANCE		
P10AM	23'	178, 56	4/12/2017	12:25 PM	0.0	0.8	19.5	79.7	0.00	
P10AM	23'	178, 56	5/9/2017	1:19 PM	0.0	1.1	18.2	80.7	0.00	
P10AM	23'	178, 56	6/7/2017	12:30 PM	0.0	1.3	18.2	80.5	0.00	
P10AD	44'	340, 108	4/12/2017	12:31 PM	0.0	0.2	19.7	80.1	0.11	
P10AD	44'	340, 108	5/9/2017	1:24 PM	0.0	2.6	15.9	81.5	0.00	
P10AD	44'	340, 108	6/7/2017	12:36 PM	0.0	2.2	16.9	80.9	-0.02	
P11A	47'	363, 115	4/3/2017	8:33 AM	0.0	0.1	21.1	78.8	-0.23	
P11A	47'	363, 115	4/7/2017	5:27 PM	0.0	0.1	20.7	79.2		
P11A	47'	363, 115	4/17/2017	3:20 PM	0.0	0.0	21.2	78.8	-0.01	
P11A	47'	363, 115	4/25/2017	1:53 PM	0.0	0.1	20.4	79.5	-0.28	
P11A	47'	363, 115	5/4/2017	1:09 PM	0.0	7.2	14.4	78.4	0.01	
P11A	47'	363, 115	5/10/2017	12:23 PM	0.0	0.1	20.8	79.1	-0.46	
P11A	47'	363, 115	5/17/2017	1:23 PM	0.0	0.1	20.3	79.6	-0.80	
P11A	47'	363, 115	5/24/2017	1:26 PM	0.0	0.0	19.7	80.3	0.00	
P11A	47'	363, 115	6/1/2017	1:37 PM	0.0	0.1	19.3	80.6	-0.07	
P11A	47'	363, 115	6/8/2017	12:55 PM	0.0	0.1	19.8	80.1	-0.04	
P11A	47'	363, 115	6/15/2017	1:37 PM	0.0	0.0	18.8	81.2	-0.17	

**TABLE 1 - Monitoring Probe Data
California St. Landfill, Redlands, CA**

DATE MONITORING: April 12, 14, 17, 2017
 May 9, 10, 11, 2017
 June 7, 8, 2017
 TECHNICIAN: Kambiz Joztehrani, Robert Howard
 ES PROJECT NUMBER: 110709

EQUIPMENT USED: GEM 2000, TSI, RKI, PID, Pump
 WEATHER / TEMPERATURE: 4/12/2017 AM 62.6°F PM 79.0°F, 4/14/2017 AM 57.0°F PM 71.4°F
 4/17/2017 AM 64.4°F PM 77.9°F
 5/9/2017 AM 55.4°F PM 75.2°F, 5/10/2017 AM 57.2°F PM 68.0°F
 5/11/2017 AM 57.2°F PM 82.4°F
 6/7/2017 AM 68.5°F PM 85.6°F, 6/8/2017 AM 64.9°F PM 82.9°F
 BAROMETRIC PRESSURE: 4/12/2017 AM 30.04" PM 30.00", 4/12/2017 AM 30.00" PM 29.94"
 4/17/2017 AM 30.09" PM 30.04"
 5/9/2017 AM 29.87" PM 29.89", 5/10/2017 AM 30.05" PM 30.08"
 5/11/2017 AM 30.12" PM 30.06"
 6/7/2017 AM 29.95" PM 29.92", 6/8/2017 AM 30.00" PM 29.95"

Probe	Depth	Purging Time sec. (GEM, RKI)	Date	Time	Gas Composition (%)				Relative Pressure	Comments
					CH4	CO2	O2	BALANCE		
P11B	29'	224, 71	4/3/2017	8:27 AM	0.0	0.1	20.9	79.0	-0.20	
P11B	29'	224, 71	4/7/2017	5:21 PM	0.0	0.1	20.6	79.3	-0.01	
P11B	29'	224, 71	4/17/2017	3:14 PM	0.0	0.0	21.2	78.8	-0.01	
P11B	29'	224, 71	4/25/2017	1:48 PM	0.0	0.1	20.8	79.1	-0.18	
P11B	29'	224, 71	5/4/2017	1:03 PM	0.0	1.2	19.7	79.1	0.01	
P11B	29'	224, 71	5/10/2017	12:19 PM	0.0	0.1	20.8	79.1	-0.35	
P11B	29'	224, 71	5/17/2017	1:16 PM	0.0	0.1	20.3	79.6	-0.39	
P11B	29'	224, 71	5/24/2017	1:19 PM	0.0	0.0	19.5	80.5	0.00	
P11B	29'	224, 71	6/1/2017	1:33 PM	0.0	0.1	19.9	80.0	-0.11	
P11B	29'	224, 71	6/8/2017	12:51 PM	0.0	0.1	20.1	79.8	-0.18	
P11B	29'	224, 71	6/15/2017	1:33 PM	0.0	0.1	19.6	80.3	-0.19	
P11C	12'	93, 29	4/3/2017	8:23 AM	0.0	0.9	20.4	78.7	0.00	
P11C	12'	93, 29	4/7/2017	5:18 PM	0.0	0.7	20.1	79.2	-0.05	
P11C	12'	93, 29	4/17/2017	3:10 PM	0.0	0.5	20.7	78.8	0.01	
P11C	12'	93, 29	4/25/2017	1:45 PM	0.0	0.1	21.0	78.9	-0.14	
P11C	12'	93, 29	5/4/2017	1:00 PM	0.0	0.8	20.0	79.2	0.00	
P11C	12'	93, 29	5/10/2017	12:16 PM	0.0	0.8	20.3	78.9	0.00	
P11C	12'	93, 29	5/17/2017	1:12 PM	0.0	0.7	19.8	79.5	0.00	
P11C	12'	93, 29	5/24/2017	1:15 PM	0.0	0.5	19.6	79.9	0.00	

**TABLE 1 - Monitoring Probe Data
California St. Landfill, Redlands, CA**

DATE MONITORING: April 12, 14, 17, 2017
 May 9, 10, 11, 2017
 June 7, 8, 2017
TECHNICIAN: Kambiz Joztehrani, Robert Howard
ES PROJECT NUMBER: 110709

EQUIPMENT USED: GEM 2000, TSI, RKI, PID, Pump
WEATHER / TEMPERATURE: 4/12/2017 AM 62.6°F PM 79.0°F, 4/14/2017 AM 57.0°F PM 71.4°F
 4/17/2017 AM 64.4°F PM 77.9°F
 5/9/2017 AM 55.4°F PM 75.2°F, 5/10/2017 AM 57.2°F PM 68.0°F
 5/11/2017 AM 57.2°F PM 82.4°F
 6/7/2017 AM 68.5°F PM 85.6°F, 6/8/2017 AM 64.9°F PM 82.9°F
BAROMETRIC PRESSURE: 4/12/2017 AM 30.04" PM 30.00", 4/12/2017 AM 30.00" PM 29.94"
 4/17/2017 AM 30.09" PM 30.04"
 5/9/2017 AM 29.87" PM 29.89", 5/10/2017 AM 30.05" PM 30.08"
 5/11/2017 AM 30.12" PM 30.06"
 6/7/2017 AM 29.95" PM 29.92", 6/8/2017 AM 30.00" PM 29.95"

Probe	Depth	Purging Time sec. (GEM, RKI)	Date	Time	Gas Composition (%)				Relative Pressure	Comments
					CH4	CO2	O2	BALANCE		
P11C	12'	93, 29	6/1/2017	1:30 PM	0.0	0.1	20.3	79.6	-0.14	
P11C	12'	93, 29	6/8/2017	12:47 PM	0.0	0.2	19.9	79.9	-0.21	
P11C	12'	93, 29	6/15/2017	1:30 PM	0.0	0.4	19.9	79.7	-0.20	
P12A	29'	224, 71	4/12/2017	12:07 PM	0.0	2.5	16.4	81.1	0.00	
P12A	29'	224, 71	5/9/2017	12:59 PM	0.0	5.7	9.1	85.2	0.00	
P12A	29'	224, 71	6/7/2017	1:59 PM	0.0	5.1	10.8	84.1	0.00	
P12B	12'	93, 29	4/12/2017	12:04 PM	0.0	4.4	13.2	82.4	0.00	
P12B	12'	93, 29	5/9/2017	1:05 PM	0.0	2.1	14.8	83.1	0.00	
P12B	12'	93, 29	6/7/2017	2:05 PM	0.0	3.6	15.1	81.3	0.00	
P13A	41'	317, 101	4/12/2017	11:58 AM	0.0	0.1	20.6	79.3	-0.01	
P13A	41'	317, 101	5/9/2017	12:45 PM	0.2	17.7	0.8	81.3	0.00	
P13A	41'	317, 101	6/7/2017	2:10 PM	0.0	8.7	0.9	90.4	0.00	
P13B	24'	185, 59	4/12/2017	11:52 AM	0.0	9.6	9.0	80.0	0.00	
P13B	24'	185, 59	5/9/2017	12:49 PM	0.0	10.1	7.5	82.4	0.00	
P13B	24'	185, 59	6/7/2017	2:15 PM	0.0	11.1	4.2	84.7	0.00	
P13C	12'	93, 29	4/12/2017	11:48 AM	0.0	5.0	15.1	79.8	0.00	
P13C	12'	93, 29	5/9/2017	12:53 PM	0.0	4.8	12.9	82.3	0.00	
P13C	12'	93, 29	6/7/2017	2:19 PM	0.0	3.9	14.2	81.9	0.00	

**TABLE 1 - Monitoring Probe Data
California St. Landfill, Redlands, CA**

DATE MONITORING: April 12, 14, 17, 2017
 May 9, 10, 11, 2017
 June 7, 8, 2017
TECHNICIAN: Kambiz Joztehrani, Robert Howard
ES PROJECT NUMBER: 110709

EQUIPMENT USED: GEM 2000, TSI, RKI, PID, Pump
WEATHER / TEMPERATURE: 4/12/2017 AM 62.6°F PM 79.0°F, 4/14/2017 AM 57.0°F PM 71.4°F
 4/17/2017 AM 64.4°F PM 77.9°F
 5/9/2017 AM 55.4°F PM 75.2°F, 5/10/2017 AM 57.2°F PM 68.0°F
 5/11/2017 AM 57.2°F PM 82.4°F
 6/7/2017 AM 68.5°F PM 85.6°F, 6/8/2017 AM 64.9°F PM 82.9°F
BAROMETRIC PRESSURE: 4/12/2017 AM 30.04" PM 30.00", 4/12/2017 AM 30.00" PM 29.94"
 4/17/2017 AM 30.09" PM 30.04"
 5/9/2017 AM 29.87" PM 29.89", 5/10/2017 AM 30.05" PM 30.08"
 5/11/2017 AM 30.12" PM 30.06"
 6/7/2017 AM 29.95" PM 29.92", 6/8/2017 AM 30.00" PM 29.95"

Probe	Depth	Purging Time sec. (GEM, RKI)	Date	Time	Gas Composition (%)				Relative Pressure	Comments
					CH4	CO2	O2	BALANCE		
P14A	42'	324, 103	4/12/2017	12:16 PM	0.0	1.6	19.1	79.3	0.12	
P14A	42'	324, 103	5/9/2017	12:27 PM	0.0	1.7	19.1	79.2	0.51	
P14A	42'	324, 103	6/7/2017	12:01 PM	0.0	1.6	18.7	79.7	0.00	
P14B	24'	185, 59	4/12/2017	12:12 PM	0.0	6.4	8.2	85.4	0.02	
P14B	24'	185, 59	5/9/2017	12:32 PM	0.0	6.9	9.3	83.8	0.00	
P14B	24'	185, 59	6/7/2017	12:08 PM	0.0	6.5	9.1	84.4	0.00	
P14C	12'	93, 29	4/12/2017	12:10 PM	0.0	2.4	16.1	81.5	0.00	
P14C	12'	93, 29	5/9/2017	12:36 PM	0.0	3.2	14.8	82.0	0.00	
P14C	12'	93, 29	6/7/2017	12:12 PM	0.0	2.9	15.9	81.2	0.00	
P15A	51'	394, 125	4/12/2017	11:23 AM	0.0	0.1	20.9	79.0	-0.18	
P15A	51'	394, 125	5/9/2017	11:54 AM	0.0	1.7	16.6	81.7	-0.62	
P15A	51'	394, 125	6/7/2017	11:17 AM	0.0	1.2	17.3	81.5	-0.54	
P15B	29'	224, 71	4/12/2017	11:16 AM	0.0	1.8	17.6	80.6	0.00	
P15B	29'	224, 71	5/9/2017	12:00 PM	0.0	0.0	20.1	79.9	0.00	
P15B	29'	224, 71	6/7/2017	11:19 AM	0.0	0.0	19.9	80.1	0.00	
P15C	12'	93, 29	4/12/2017	11:12 AM	0.0	1.7	18.7	79.6	0.00	
P15C	12'	93, 29	5/9/2017	12:04 PM	0.0	0.0	20.2	79.8	0.00	
P15C	12'	93, 29	6/7/2017	11:21 AM	0.0	0.0	19.5	80.5	0.00	

GENERAL SITE MONITORING RECORDS

Monday 4/3/2017	2-3 mph winds, covered with 2 tarps - ran 2 scrapers, picked up litter.
Tuesday 4/4/2017	3-4 mph winds covered with 2 tarps - picked up litter
Wednesday 4/5/2017	2-3 mph winds, picked up litter - covered with 2 tarps, roads were graded.
Thursday 4/6/2017	1-2 mph winds - picked up litter, covered with 2 tarps - roads were graded.
Friday 4/7/2017	2-3 mph winds - picked up litter, covered with 2 tarps and dirt.
Monday 4/10/2017	Monday 2-3 mph winds, picked up litter - covered with 2 tarps, roads were graded.
Tuesday 4/11/2017	4-5 mph winds, picked up litter - covered with 2 tarps.
Wednesday 4/12/2017	5-6 mph winds covered with 2 tarps - picked up litter - called in an extra laborer for litter control
Thursday 4/13/2017	4-5 mph winds, picked up litter - covered with 2 tarps, roads were graded.
Friday 4/14/2017	5-6 mph winds, picked up litter - covered with 2 tarps and dirt, the D-8 was serviced.
Monday 4/17/2017	2-3 mph winds, covered with 2 tarps - picked up litter.
Tuesday 4/18/2017	3-4 mph winds, picked up litter, covered with 2 tarps - roads were graded, drainage pipes inspected and cleaned.
Wednesday 4/19/2017	2-3 mph winds, covered with 2 tarps - picked up litter.
Thursday 4/20/2017	1-2 mph winds, covered with 2 tarps, picked up litter - roads were graded.
Friday 4/21/2017	2-3 mph winds, picked up litter - covered with 2 tarps and dirt, ran clean dirt to site.
Monday 4/24/2017	3-4 mph winds, covered with 2 tarps - picked up litter, roads were graded.
Tuesday 4/25/2017	2-7 mph winds, picked up litter, covered with 2 tarps.
Wednesday 4/26/2017	2-3 mph winds, picked up litter, covered with 2 tarps, roads were graded.
Thursday 4/27/2017	Drive by fence line for inspection around property, 3-4 mph winds, covered with 2 tarps, picked up litter.
Friday 4/28/2017	25-30 mph winds, covered with 3 tarps and dirt - picked up litter.
Monday 5/1/2017	2-3 mph winds, covered with 2 tarps, picked up litter, water went down.
Tuesday 5/2/2017	2-3 mph winds, picked up litter - water truck down borrowed streets water truck, roads were graded, fence repaired on the north east corner, covered with 3 tarps
Wednesday 5/3/2017	3-4 mph winds, water truck was down half day had a loaner, covered with 2 tarps - picked up litter, SCS on site to repair sump #2 - new office trailer delivered for on site manager.
Thursday 5/4/2017	3-4 mph winds, roads were graded - picked up litter, took ford truck to shop. Covered with 2 tarps.
Friday 5/5/2017	4-5 mph winds, picked up litter - covered with 2 tarps and dirt, fencing company to repair front entrance gate.
Monday 5/8/2017	2-3 mph winds, covered with 2 tarps - picked up litter
Tuesday 5/9/2017	3-4 mph winds, picked up litter - covered with 2 tarps
Wednesday 5/10/2017	5-6 mph winds, picked up litter covered with 2 tarps, roads were graded.
Thursday 5/11/2017	3-4 mph winds, covered with 2 tarps and dirt - picked up litter, took chevy truck to shop for service.
Friday 5/12/2017	3-4 mph winds, covered with 2 tarps and dirt, picked up litter - fencing company out to repair fence on west side of landfill.
Monday 5/15/2017	6mph winds, lite rain - litter pick up, covered with 2 tarps, late close.
Tuesday 5/16/2017	3-4 mph winds, picked up litter - covered with 2 tarps, roads were graded. Inspection of perimeter
Wednesday 5/17/2017	5-4 mph winds, covered with 2 tarps, picked up litter - AC blower on the D-8 burned out.
Thursday 5/18/2017	3-4 mph winds, picked up litter - covered with 2 tarps, ac blower on D-8 still out.
Friday 5/19/2017	2-3 mph winds, picked up litter, covered with 2 tarps and dirt - all roads were graded.
Monday 5/22/2017	3-4 mph winds, covered with 2 tarps - picked up litter, D7 was off site for active fire assistance to Redlands Fire Dept.
Tuesday 5/23/2017	2-3 mph winds, picked up litter - covered with 2 tarps, the D7 back on site.
Wednesday 5/24/2017	2-3 mph winds, picked up litter - covered with 2 tarps, graded roads.
Thursday 5/25/2017	4-5 mph winds, covered with 2 tarps - picked up litter
Friday 5/26/2017	3-4 mph winds, covered with 2 tarps and dirt - picked up litter.
Monday 5/29/2017	Closed for Holiday
Tuesday 5/31/2017	2-3 mph winds, picked up litter - covered with 2 tarps.
Wednesday 5/31/2017	2-3 mph winds, picked up litter - covered with 2 tarps
Thursday 6/1/2017	3-4 mph winds, picked up litter, covered with 2 tarps, new tarp delivered.
Friday 6/2/2017	5-6 mph winds, covered with 2 tarps - picked up litter, short handed on staff.
Saturday 6/3/2017	3-4 mph winds, covered with 2 tarps and dirt, picked up litter.
Monday 6/5/2017	2-3 mph winds, covered with 2 tarps - picked up litter, pumped out leachate tanks, short handed people.
Tuesday 6/6/2017	5-6 mph winds, picked up litter - covered with 2 tarps.
Wednesday 6/7/2017	2-3 mph winds, covered with 2 tarps, picked up litter - roads were graded, the D8 lost a belt
Thursday 6/8/2017	1-2 mph winds, picked up litter - the D8 is still down, covered with 2 tarps, tanks were emptied.
Friday 6/9/2017	5-6 mph winds, covered with 2 tarps and dirt, picked up litter - all roads were graded
Monday 6/12/2017	3-4 mph winds, covered with 2 tarps - picked up litter short staffed.
Tuesday 6/13/2017	5-6 mph winds - picked up litter, covered with 2 tarps, short staffed - the D8 still down
Wednesday 6/14/2017	3-4 mph winds, covered with 2 tarps, picked up litter - compactor went down - D8 back in service
Thursday 6/15/2017	Light winds 3-4 mph, used 2 tarps to close, compactor down for repairs - short staff, heavy litter south side picked up
Friday 6/16/2017	winds 6-8 mph - covered with dirt and 2 tarps on new cell, litter clean up - compactor still down.
Monday 6/19/2017	winds 2-3 mph, compactor still down, short staff - picked up litter, covered with 2 tarps.
Tuesday 6/20/2017	3-4 mph winds, covered with 2 tarps, picked up litter - road grindings were placed on active roads
Wednesday 6/21/2017	5-6 mph winds, picked up litter - covered with 2 tarps, both scrapers were running
Thursday 6/22/2017	3-4 mph winds, covered with 2 tarps - picked up litter, D7 was serviced, chevy truck down and D8 went down.
Friday 6/23/2017	2-3 mph winds, picked up litter, covered with 2 tarps and dirt - D8 was fixed back in service.
Monday 6/26/2017	6-7 mph winds - covered with 3 tarps, picked up litter - short staff, chevy went down.
Tuesday 6/27/2017	4-5 mph winds, picked up litter - covered with 3 tarps, roads were graded.
Wednesday 6/28/2017	2-4 mph winds - picked up litter chevy back up and D8, covered with 2 tarps.
Thursday 6/29/2017	3-5 mph winds, covered with 3 tarps - picked up litter
Friday 6/30/2017	1-2 mph winds, picked up litter, covered with 2 tarps and dirt

Southern California Edison - Mountain View Power Plant

Filter Cake Tonnages for California Street Landfill

Month/Year	Loads	Tonnage
Jan-17	11	108.66
Feb-17	5	60.07
Mar-17	17	159.48
Apr-17	10	100.4
May-17	18	163.41
Jun-17	14	121.66

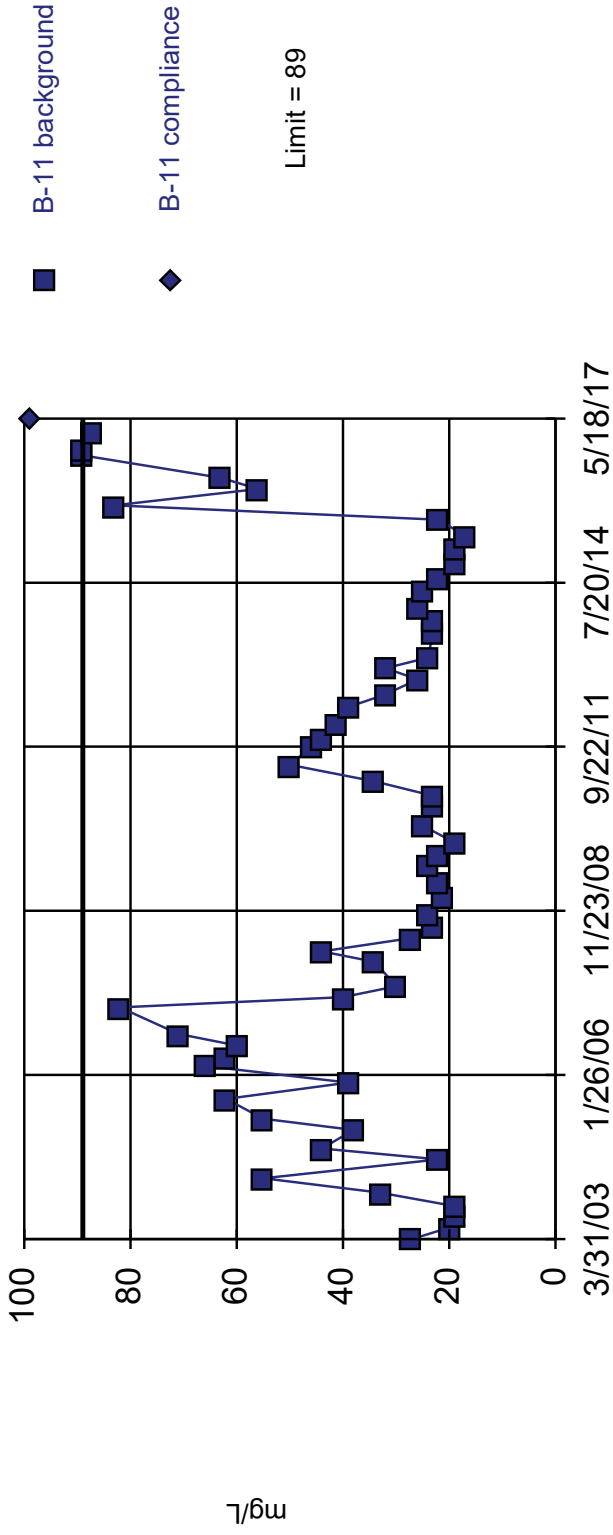
Annual Total 713.68

APPENDIX C
STATISTICAL ANALYSES

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 57 background values. Well-constituent pair annual alpha = 0.002374. Individual comparison alpha = 0.0005939 (1 of 2). Seasonality was not detected with 95% confidence.

Prediction Limit

Constituent: Chloride-Cl (mg/L) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-11	B-11
3/31/2003	27	
6/10/2003	20	
8/20/2003	19	
10/24/2003	19	
1/16/2004	33	
4/15/2004	55	
8/12/2004	22	
10/21/2004	44	
2/14/2005	38	
4/25/2005	55	
8/29/2005	62	
12/8/2005	39	
3/24/2006	66	
5/24/2006	62	
7/31/2006	60	
10/11/2006	71	
3/28/2007	82	
5/31/2007	40	
8/8/2007	30	
1/8/2008	34	
3/14/2008	44	
6/6/2008	27	
8/19/2008	23	
11/11/2008	24	
2/26/2009	21	
5/28/2009	22	
9/3/2009	24	
11/11/2009	22	
1/28/2010	19	
5/13/2010	25	
9/20/2010	23	
11/18/2010	23	
2/16/2011	34	
5/31/2011	50	
9/22/2011	46	
11/10/2011	44	
2/9/2012	41	
5/29/2012	39	
8/16/2012	32	
11/19/2012	26	
1/29/2013	32	
4/4/2013	24	
9/18/2013	23	
11/25/2013	23	
2/6/2014	26	
5/27/2014	25	
8/19/2014	22	
11/25/2014	19	
2/26/2015	19	
5/11/2015	17	
8/20/2015	22	
11/19/2015	83	

Prediction Limit

Constituent: Chloride-Cl (mg/L) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

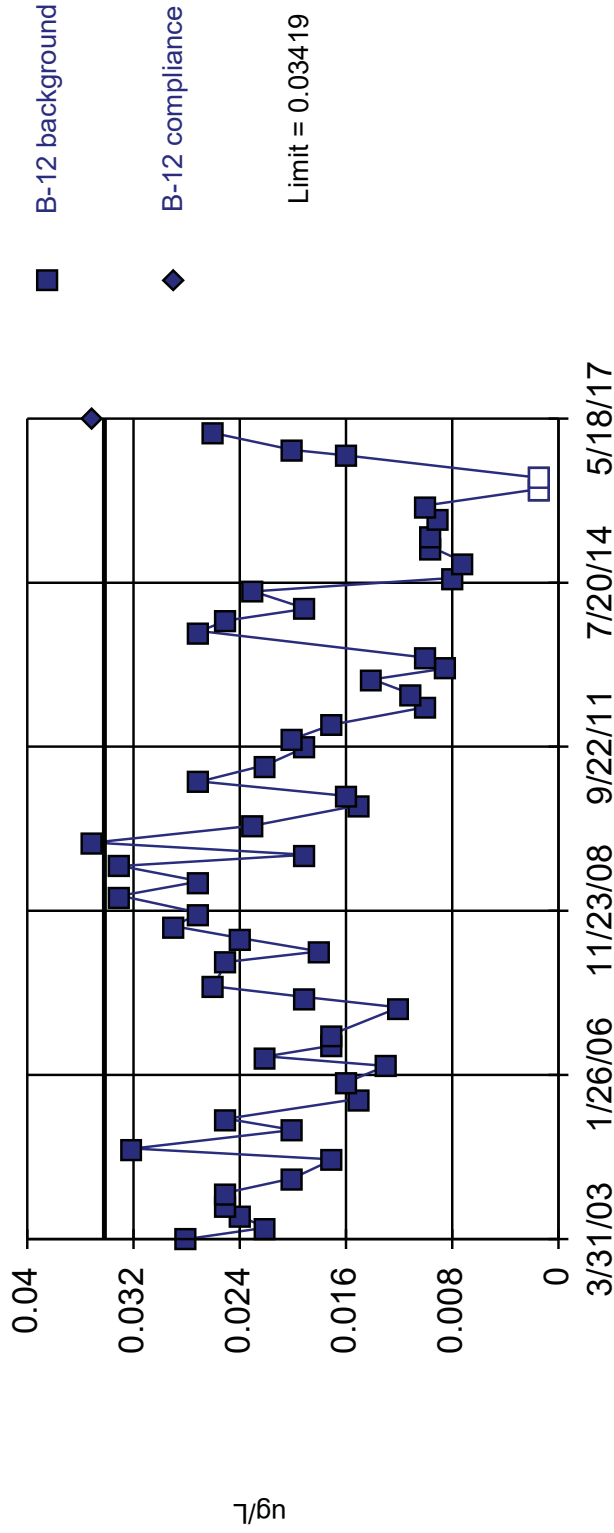
	B-11	B-11
2/29/2016	56	
5/11/2016	63	
9/29/2016	89	
11/2/2016	89	
2/16/2017	87	
5/18/2017		99

Sanitas™ v.9.5.30 Sanitas software licensed to Geo-Logic Associates. UG
 Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Parametric



Prediction Limit

Constituent: Dibromochloropropane (ug/L) Analysis Run 6/26/2017 11:21 AM

California Street Landfill Client: Geo-Logic Associates Data: CalSLF

	B-12	B-12
3/31/2003	0.028	
6/10/2003	0.022	
8/20/2003	0.024	
10/24/2003	0.025	
1/16/2004	0.025	
4/16/2004	0.02	
8/12/2004	0.017	
10/21/2004	0.032	
2/14/2005	0.02	
4/26/2005	0.025	
8/30/2005	0.015	
12/8/2005	0.016	
3/24/2006	0.013	
5/24/2006	0.022	
7/31/2006	0.017	
10/11/2006	0.017	
3/28/2007	0.012	
5/31/2007	0.019	
8/8/2007	0.026	
1/8/2008	0.025	
3/14/2008	0.018	
6/6/2008	0.024	
8/19/2008	0.029	
11/11/2008	0.027	
2/26/2009	0.033	
5/28/2009	0.027	
9/3/2009	0.033	
11/11/2009	0.019	
1/28/2010	0.035	
5/13/2010	0.023	
9/20/2010	0.015	
11/18/2010	0.016	
2/16/2011	0.027	
5/31/2011	0.022	
9/22/2011	0.019	
11/10/2011	0.02	
2/9/2012	0.017	
5/29/2012	0.0099	
8/16/2012	0.011	
11/19/2012	0.014	
1/29/2013	0.0084	
4/4/2013	0.01	
9/18/2013	0.027	
11/25/2013	0.025	
2/6/2014	0.019	
5/27/2014	0.023	
8/19/2014	0.008	
11/25/2014	0.0071	
2/26/2015	0.0095	
5/11/2015	0.0096	
8/20/2015	0.0091	
11/19/2015	0.0099	

Prediction Limit

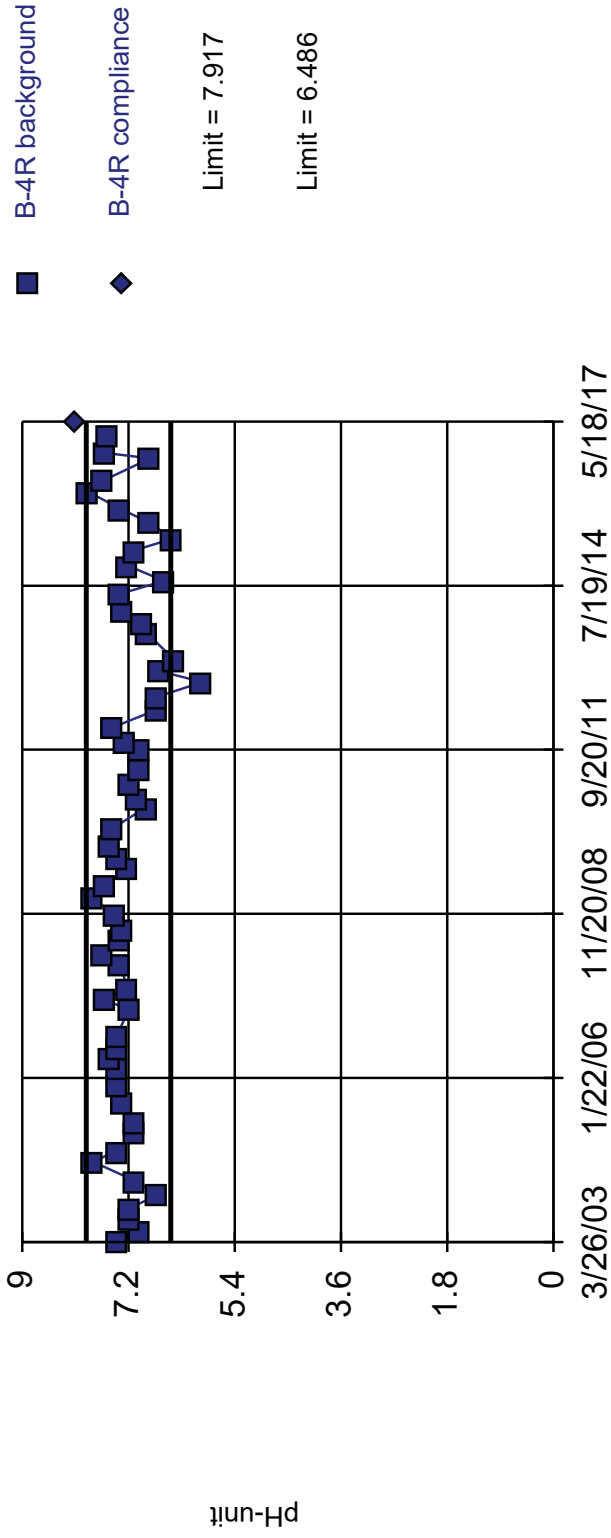
Constituent: Dibromochloropropane (ug/L) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSLF

	B-12	B-12
2/29/2016	<0.0029	
5/11/2016	<0.0029	
9/29/2016	0.016	
11/2/2016	0.02	
2/16/2017	0.026	
5/18/2017		0.035

Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.202, Std. Dev.=0.3705, n=57. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9472, critical = 0.944. Kappa = 1.932 (c=12, w=2, 1 of 2, event alpha = 0.026). Report alpha = 0.001097.

Constituent: pH Analysis Run 6/26/2017 11:13 AM

California Street Landfill Client: Geo-Logic Associates Data: CalStLF

Prediction Limit

Constituent: pH (pH-unit) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-4R	B-4R
3/26/2003	7.4	
6/9/2003	7	
8/19/2003	7.2	
10/23/2003	7.2	
1/16/2004	6.7	
4/15/2004	7.1	
8/13/2004	7.8	
10/19/2004	7.4	
2/10/2005	7.1	
4/25/2005	7.1	
8/29/2005	7.3	
12/6/2005	7.4	
3/23/2006	7.4	
5/23/2006	7.5	
7/31/2006	7.4	
10/11/2006	7.4	
3/28/2007	7.2	
5/31/2007	7.6	
8/8/2007	7.23	
1/8/2008	7.33	
3/14/2008	7.65	
6/6/2008	7.35	
8/19/2008	7.31	
11/11/2008	7.42	
2/26/2009	7.81	
5/28/2009	7.58	
9/3/2009	7.24	
11/11/2009	7.38	
1/28/2010	7.51	
5/13/2010	7.48	
9/21/2010	6.9	
11/18/2010	7.05	
2/16/2011	7.18	
5/31/2011	7.01	
9/22/2011	7.02	
11/10/2011	7.25	
2/9/2012	7.46	
5/29/2012	6.73	
8/16/2012	6.73	
11/19/2012	5.95	
1/29/2013	6.69	
4/4/2013	6.41	
9/18/2013	6.87	
11/25/2013	6.97	
2/6/2014	7.32	
5/27/2014	7.36	
8/19/2014	6.6	
11/25/2014	7.23	
2/26/2015	7.11	
5/11/2015	6.46	
8/20/2015	6.85	
11/19/2015	7.35	

Prediction Limit

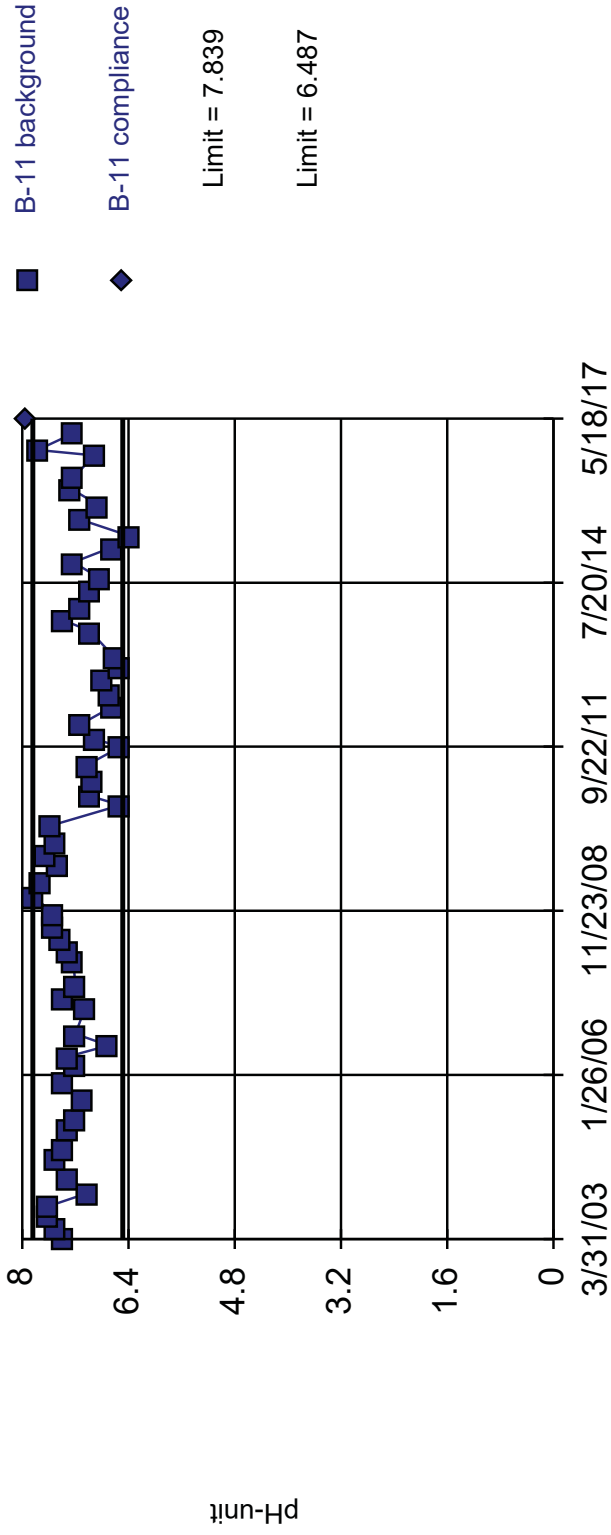
Constituent: pH (pH-unit) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-4R	B-4R
2/29/2016	7.88	
5/11/2016	7.64	
9/29/2016	6.83	
11/2/2016	7.59	
2/16/2017	7.56	
5/18/2017		8.11

Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.163, Std. Dev.=0.3499, n=57. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9848, critical = 0.944. Kappa = 1.932 (c=12, w=2, 1 of 2, event alpha = 0.026). Report alpha = 0.001097.

Constituent: pH Analysis Run 6/26/2017 11:13 AM

California Street Landfill Client: Geo-Logic Associates Data: CalStLF

Prediction Limit

Constituent: pH (pH-unit) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-11	B-11
3/31/2003	7.4	
6/10/2003	7.5	
8/20/2003	7.6	
10/24/2003	7.6	
1/16/2004	7	
4/15/2004	7.3	
8/12/2004	7.5	
10/21/2004	7.4	
2/14/2005	7.3	
4/25/2005	7.2	
8/29/2005	7.1	
12/8/2005	7.4	
3/24/2006	7.2	
5/24/2006	7.3	
7/31/2006	6.7	
10/11/2006	7.2	
3/28/2007	7.05	
5/31/2007	7.38	
8/8/2007	7.2	
1/8/2008	7.23	
3/14/2008	7.33	
6/6/2008	7.43	
8/19/2008	7.52	
11/11/2008	7.55	
2/26/2009	7.83	
5/28/2009	7.72	
9/3/2009	7.46	
11/11/2009	7.65	
1/28/2010	7.49	
5/13/2010	7.57	
9/20/2010	6.52	
11/18/2010	6.99	
2/16/2011	6.93	
5/31/2011	7.02	
9/22/2011	6.52	
11/10/2011	6.91	
2/9/2012	7.13	
5/29/2012	6.65	
8/16/2012	6.68	
11/19/2012	6.8	
1/29/2013	6.52	
4/4/2013	6.61	
9/18/2013	6.98	
11/25/2013	7.37	
2/6/2014	7.11	
5/27/2014	6.98	
8/19/2014	6.84	
11/25/2014	7.23	
2/26/2015	6.66	
5/11/2015	6.38	
8/20/2015	7.12	
11/19/2015	6.85	

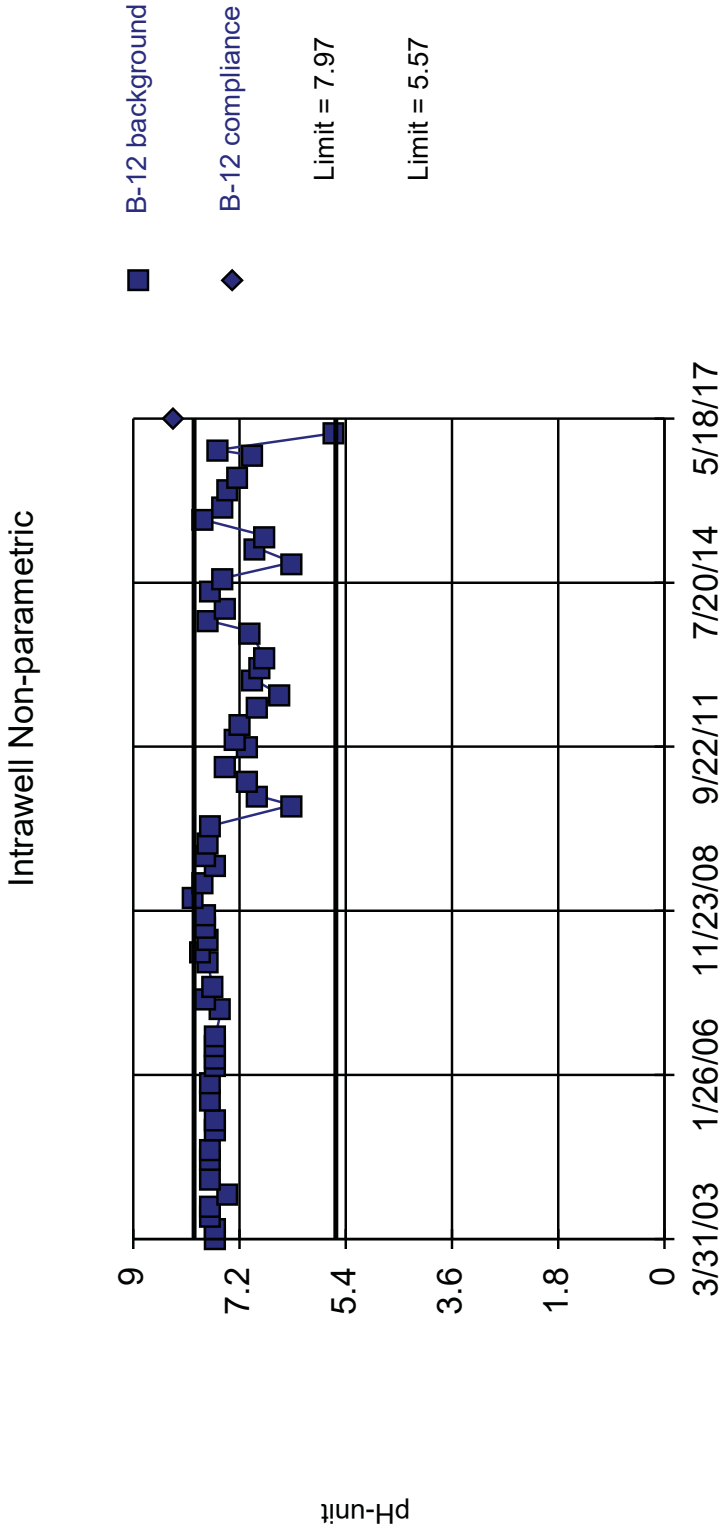
Prediction Limit

Constituent: pH (pH-unit) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-11	B-11
2/29/2016	7.26	
5/11/2016	7.23	
9/29/2016	6.92	
11/2/2016	7.77	
2/16/2017	7.22	
5/18/2017		7.96

Exceeds Limits

Prediction Limit



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 57 background values. Well-constituent pair annual alpha = 0.004747. Individual comparison alpha = 0.001188 (1 of 2). Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 6/26/2017 11:13 AM

California Street Landfill Client: Geo-Logic Associates Data: CalStLF

Prediction Limit

Constituent: pH (pH-unit) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-12	B-12
3/31/2003	7.6	
6/10/2003	7.6	
8/20/2003	7.7	
10/24/2003	7.7	
1/16/2004	7.4	
4/16/2004	7.7	
8/12/2004	7.7	
10/21/2004	7.7	
2/14/2005	7.6	
4/26/2005	7.6	
8/30/2005	7.7	
12/8/2005	7.7	
3/24/2006	7.6	
5/24/2006	7.6	
7/31/2006	7.6	
10/11/2006	7.6	
3/28/2007	7.5	
5/31/2007	7.78	
8/8/2007	7.66	
1/8/2008	7.74	
3/14/2008	7.84	
6/6/2008	7.72	
8/19/2008	7.78	
11/11/2008	7.76	
2/26/2009	7.97	
5/28/2009	7.8	
9/3/2009	7.61	
11/11/2009	7.76	
1/28/2010	7.74	
5/13/2010	7.68	
9/20/2010	6.31	
11/18/2010	6.88	
2/16/2011	7.07	
5/31/2011	7.42	
9/22/2011	7.04	
11/10/2011	7.25	
2/9/2012	7.16	
5/29/2012	6.87	
8/16/2012	6.51	
11/19/2012	6.97	
1/29/2013	6.85	
4/4/2013	6.78	
9/18/2013	7.02	
11/25/2013	7.74	
2/6/2014	7.42	
5/27/2014	7.68	
8/19/2014	7.46	
11/25/2014	6.3	
2/26/2015	6.93	
5/11/2015	6.75	
8/20/2015	7.82	
11/19/2015	7.48	

Prediction Limit

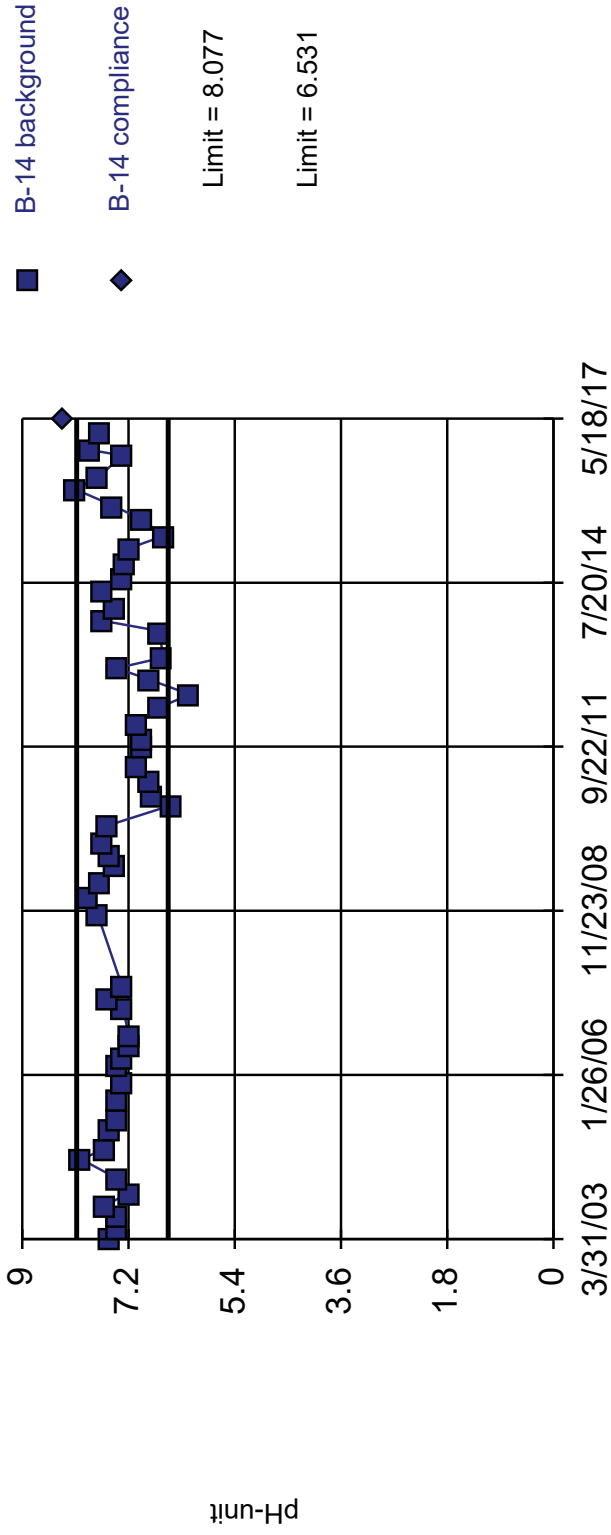
Constituent: pH (pH-unit) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-12	B-12
2/29/2016	7.38	
5/11/2016	7.22	
9/29/2016	6.99	
11/2/2016	7.57	
2/16/2017	5.57	
5/18/2017		8.29

Exceeds Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=7.304, Std. Dev.=0.3987, n=53. Seasonality was not detected with 95% confidence. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9616, critical = 0.938. Kappa = 1.94 (c=12, w=2, 1 of 2, event alpha = 0.026). Report alpha = 0.001097.

Constituent: pH Analysis Run 6/26/2017 11:13 AM

California Street Landfill Client: Geo-Logic Associates Data: CalStLF

Prediction Limit

Constituent: pH (pH-unit) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-14	B-14
3/31/2003	7.5	
6/10/2003	7.4	
8/19/2003	7.4	
10/24/2003	7.6	
1/16/2004	7.2	
4/16/2004	7.4	
8/13/2004	8	
10/21/2004	7.6	
2/14/2005	7.5	
4/26/2005	7.4	
8/30/2005	7.4	
12/8/2005	7.3	
3/24/2006	7.4	
5/23/2006	7.3	
7/31/2006	7.2	
10/11/2006	7.2	
3/28/2007	7.3	
5/31/2007	7.55	
8/8/2007	7.31	
11/11/2008	7.73	
2/26/2009	7.87	
5/28/2009	7.7	
9/3/2009	7.43	
11/11/2009	7.53	
1/28/2010	7.66	
5/13/2010	7.56	
9/20/2010	6.47	
11/18/2010	6.81	
2/16/2011	6.83	
5/31/2011	7.06	
9/22/2011	6.98	
11/10/2011	6.96	
2/9/2012	7.04	
5/29/2012	6.66	
8/16/2012	6.16	
11/19/2012	6.86	
1/29/2013	7.4	
4/4/2013	6.62	
9/18/2013	6.67	
11/25/2013	7.66	
2/6/2014	7.44	
5/27/2014	7.62	
8/19/2014	7.31	
11/25/2014	7.25	
2/26/2015	7.16	
5/11/2015	6.61	
8/20/2015	6.96	
11/19/2015	7.48	
2/29/2016	8.11	
5/11/2016	7.71	
9/29/2016	7.32	
11/2/2016	7.85	

Prediction Limit

Constituent: pH (pH-unit) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-14	B-14
2/16/2017	7.67	
5/18/2017		8.31

Prediction Limit

California Street Landfill Client: Geo-Logic Associates Data: CalSILF Printed 6/26/2017, 11:21 AM

Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.N	%NDs	Transform	Alpha	Method
B-1C	223.3	110.8	5/18/2017	130	No	56	0	No	0.000...	Param Intra 1 of 2
B-4R	254.6	79.87	5/18/2017	190	No	57	0	x^2	0.000...	Param Intra 1 of 2
B-10C	283.1	110.8	5/18/2017	183.6	No	57	0	No	0.000...	Param Intra 1 of 2 De...
B-11	302.7	169.9	5/18/2017	220	No	57	0	No	0.000...	Param Intra 1 of 2
B-12	246.1	180.6	5/18/2017	190	No	57	0	No	0.000...	Param Intra 1 of 2
B-14	351.3	156.3	5/18/2017	160	No	53	0	sqrt(x)	0.000...	Param Intra 1 of 2
B-1C	272.3	n/a	5/18/2017	160	No	53	0	No	0.001097	Param Intra 1 of 2
B-4R	318	n/a	5/18/2017	230	No	54	0	No	0.001097	Param Intra 1 of 2
B-10C	345	n/a	5/18/2017	221	No	54	0	No	0.001097	Param Intra 1 of 2 De...
B-11	371.5	n/a	5/18/2017	270	No	54	0	sqrt(x)	0.001097	Param Intra 1 of 2
B-12	287	n/a	5/18/2017	240	No	54	0	No	0.001097	Param Intra 1 of 2
B-14	423.4	n/a	5/18/2017	240	No	53	0	sqrt(x)	0.001097	Param Intra 1 of 2
B-1C	49.11	n/a	5/18/2017	0.828	No	54	0	sqrt(x)	0.001097	Param Intra 1 of 2
B-4R	100	n/a	5/18/2017	1.24	No	55	0	n/a	0.000...	NP Intra (normality) ...
B-10C	72.77	n/a	5/18/2017	5.8	No	55	0	sqrt(x)	0.001097	Param Intra 1 of 2
B-11	47.12	n/a	5/18/2017	2.07	No	55	0	x^(1/3)	0.001097	Param Intra 1 of 2
B-12	30	n/a	5/18/2017	1.24	No	55	1.818	n/a	0.000...	NP Intra (normality) ...
B-14	45.23	n/a	5/18/2017	1.24	No	51	0	sqrt(x)	0.001097	Param Intra 1 of 2
B-1C	58	n/a	5/18/2017	8	No	44	70.45	n/a	0.000...	NP Intra (NDs) 1 of 2
B-4R	53	n/a	5/18/2017	6.1	No	45	64.44	n/a	0.000...	NP Intra (NDs) 1 of 2
B-10C	22	n/a	5/18/2017	11	No	48	77.08	n/a	0.000...	NP Intra (NDs) 1 of 2
B-11	43	n/a	5/18/2017	3.4	No	48	79.17	n/a	0.000...	NP Intra (NDs) 1 of 2
B-12	39	n/a	5/18/2017	1.4	No	48	81.25	n/a	0.000...	NP Intra (NDs) 1 of 2
B-14	22	n/a	5/18/2017	11	No	40	80	n/a	0.001152	NP Intra (NDs) 1 of 2
B-1C	140	n/a	5/18/2017	100	No	56	0	n/a	0.000...	NP Intra (normality) ...
B-4R	62.2	n/a	5/18/2017	39	No	57	0	x^2	0.001097	Param Intra 1 of 2
B-10C	140	n/a	5/18/2017	140	No	57	0	n/a	0.000...	NP Intra (normality) ...
B-11	89	n/a	5/18/2017	99	Yes	57	0	n/a	0.000...	NP Intra (normality) ...
B-12	38	n/a	5/18/2017	24	No	57	0	n/a	0.000...	NP Intra (normality) ...
B-14	51	n/a	5/18/2017	19	No	53	0	n/a	0.000...	NP Intra (normality) ...
B-1C	1.4	n/a	5/18/2017	0.0017ND	No	35	97.14	n/a	0.001487	NP Intra (NDs) 1 of 2
B-4R	0.012	n/a	5/18/2017	0.0017ND	No	36	94.44	n/a	0.00142	NP Intra (NDs) 1 of 2
B-10C	0.0034	n/a	5/18/2017	0.0017ND	No	35	100	n/a	0.001487	NP Intra (NDs) 1 of 2
B-11	0.025	n/a	5/18/2017	0.0017ND	No	44	29.55	n/a	0.000...	NP Intra (normality) ...
B-12	0.03419	n/a	5/18/2017	0.035	Yes	57	3.509	No	0.001097	Param Intra 1 of 2
B-14	0.07289	n/a	5/18/2017	0.048	No	51	9.804	sqrt(x)	0.001097	Param Intra 1 of 2
B-1C	17.56	n/a	5/18/2017	9.6	No	56	0	sqrt(x)	0.001097	Param Intra 1 of 2
B-4R	13.81	n/a	5/18/2017	9.8	No	57	0	No	0.001097	Param Intra 1 of 2
B-10C	20	n/a	5/18/2017	10	No	57	0	n/a	0.000...	NP Intra (normality) ...
B-11	18.54	n/a	5/18/2017	9.1	No	57	0	No	0.001097	Param Intra 1 of 2
B-12	45	n/a	5/18/2017	15	No	57	0	n/a	0.000...	NP Intra (normality) ...
B-14	40	n/a	5/18/2017	10	No	53	0	n/a	0.000...	NP Intra (normality) ...
B-1C	3	n/a	5/18/2017	0.475ND	No	41	78.05	n/a	0.001112	NP Intra (NDs) 1 of 2
B-4R	22	n/a	5/18/2017	7	No	47	29.79	n/a	0.000...	NP Intra (normality) ...
B-10C	4.1	n/a	5/18/2017	0.475ND	No	43	69.77	n/a	0.001032	NP Intra (NDs) 1 of 2
B-11	40.52	n/a	5/18/2017	0.475ND	No	53	5.66	No	0.001097	Param Intra 1 of 2
B-12	282	n/a	5/18/2017	29	No	56	0	n/a	0.000...	NP Intra (normality) ...
B-14	40.33	n/a	5/18/2017	27	No	52	0	No	0.001097	Param Intra 1 of 2
B-1C	7.819	6.24	5/18/2017	7.66	No	56	0	No	0.000...	Param Intra 1 of 2
B-4R	7.917	6.486	5/18/2017	8.11	Yes	57	0	No	0.000...	Param Intra 1 of 2

Prediction Limit

California Street Landfill Client: Geo-Logic Associates Data: CalSILF Printed 6/26/2017, 11:21 AM

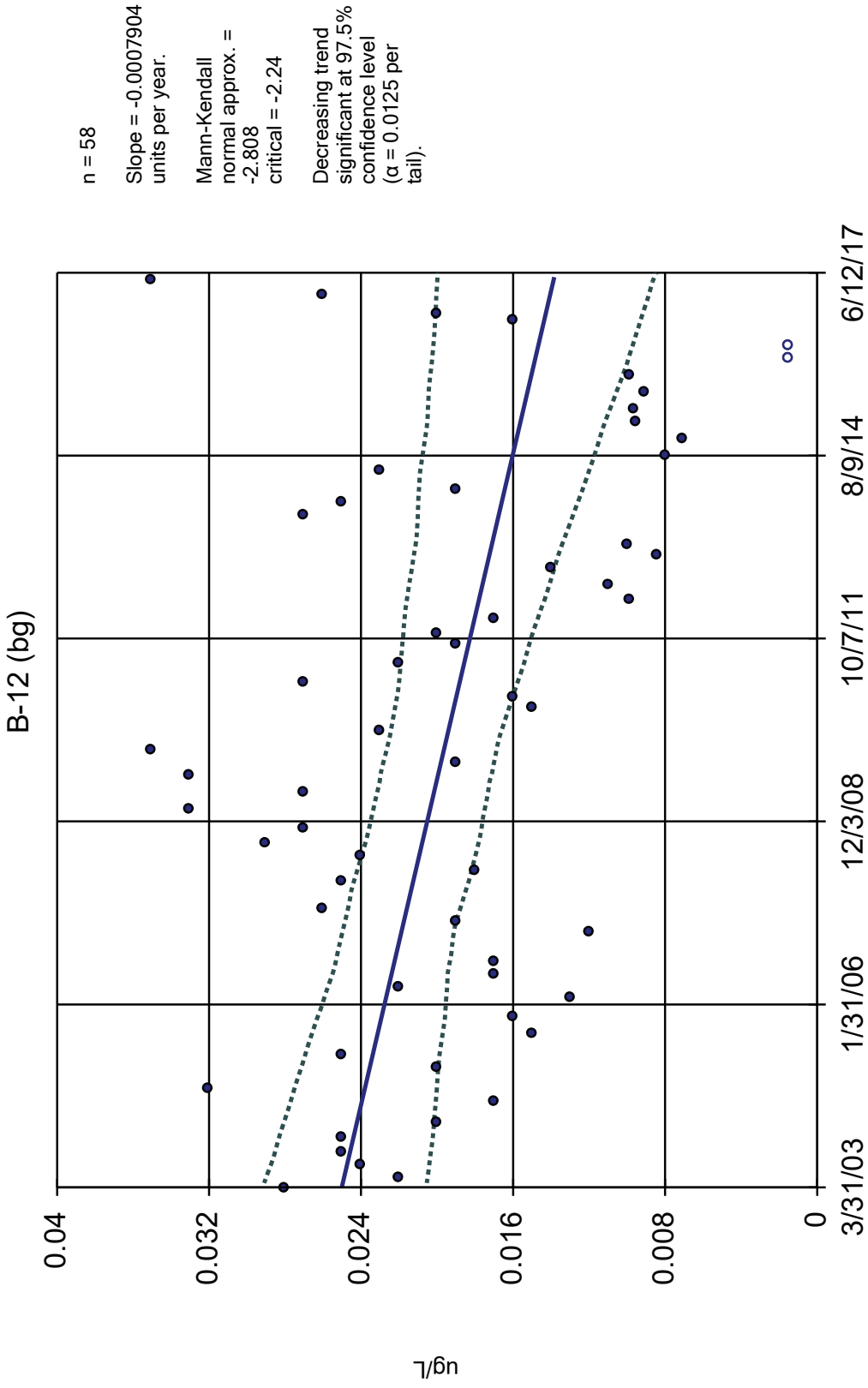
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.N	%NDs	Transform	Alpha	Method
pH (pH-unit)	B-10C	7.646	6.101	5/18/2017	7.32	No	57	0	No	0.000...	Param Intra 1 of 2
pH (pH-unit)	B-11	7.839	6.487	5/18/2017	7.96	Yes	57	0	No	0.000...	Param Intra 1 of 2
pH (pH-unit)	B-12	7.97	5.57	5/18/2017	8.29	Yes	57	0	n/a	0.001188	NP Intra (normality) ...
pH (pH-unit)	B-14	8.077	6.531	5/18/2017	8.31	Yes	53	0	No	0.000...	Param Intra 1 of 2
Sulfate [SO4] (mg/L)	B-1C	59.45	n/a	5/18/2017	41	No	56	0	x^2	0.001097	Param Intra 1 of 2
Sulfate [SO4] (mg/L)	B-4R	54.9	n/a	5/18/2017	42	No	57	0	x^2	0.001097	Param Intra 1 of 2
Sulfate [SO4] (mg/L)	B-10C	66.08	n/a	5/18/2017	55	No	57	0	No	0.001097	Param Intra 1 of 2
Sulfate [SO4] (mg/L)	B-11	69.55	n/a	5/18/2017	50	No	57	0	No	0.001097	Param Intra 1 of 2
Sulfate [SO4] (mg/L)	B-12	95.49	n/a	5/18/2017	63	No	57	0	No	0.001097	Param Intra 1 of 2
Sulfate [SO4] (mg/L)	B-14	64.24	n/a	5/18/2017	49	No	53	0	sqrt(x)	0.001097	Param Intra 1 of 2
Total Dissolved Solids [TDS] (m...	B-1C	620	n/a	5/18/2017	440	No	56	0	n/a	0.000...	NP Intra (normality) ...
Total Dissolved Solids [TDS] (m...	B-4R	510.8	n/a	5/18/2017	400	No	57	0	x^3	0.001097	Param Intra 1 of 2
Total Dissolved Solids [TDS] (m...	B-10C	637.6	n/a	5/18/2017	541.6	No	57	0	No	0.001097	Param Intra 1 of 2 De...
Total Dissolved Solids [TDS] (m...	B-11	612.4	n/a	5/18/2017	560	No	57	0	No	0.001097	Param Intra 1 of 2
Total Dissolved Solids [TDS] (m...	B-12	700	n/a	5/18/2017	450	No	57	0	n/a	0.000...	NP Intra (normality) ...
Total Dissolved Solids [TDS] (m...	B-14	609.6	n/a	5/18/2017	380	No	53	0	No	0.001097	Param Intra 1 of 2
Trichloroethene (ug/L)	B-1C	0.35	n/a	5/18/2017	0.175ND	No	35	100	n/a	0.001487	NP Intra (NDs) 1 of 2
Trichloroethene (ug/L)	B-4R	0.38	n/a	5/18/2017	0.175ND	No	37	94.59	n/a	0.001353	NP Intra (NDs) 1 of 2
Trichloroethene (ug/L)	B-10C	0.35	n/a	5/18/2017	0.175ND	No	35	100	n/a	0.001487	NP Intra (NDs) 1 of 2
Trichloroethene (ug/L)	B-11	1.6	n/a	5/18/2017	0.175ND	No	48	22.92	n/a	0.000...	NP Intra (normality) ...
Trichloroethene (ug/L)	B-12	2.934	n/a	5/18/2017	1.5	No	56	5.357	sqrt(x)	0.001097	Param Intra 1 of 2
Trichloroethene (ug/L)	B-14	4.534	n/a	5/18/2017	2.9	No	52	5.769	sqrt(x)	0.001097	Param Intra 1 of 2

Trend Test

California Street Landfill Client: Geo-Logic Associates Data: CalSILF Printed 6/26/2017, 11:21 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride-Cl (mg/L)	B-11 (bg)	0	0.262	2.24	No	58	0	n/a	n/a	0.025	NP
Dibromochloropropane (ug/L)	B-12 (bg)	-0.00...	-2.808	-2.24	Yes	58	3.448	n/a	n/a	0.025	NP
pH (pH-unit)	B-4R	-0.00...	-0.7519	-2.24	No	58	0	n/a	n/a	0.025	NP
pH (pH-unit)	B-11 (bg)	-0.03017	-2.45	-2.24	Yes	58	0	n/a	n/a	0.025	NP
pH (pH-unit)	B-12 (bg)	-0.03427	-2.906	-2.24	Yes	58	0	n/a	n/a	0.025	NP
pH (pH-unit)	B-14 (bg)	-0.00...	-0.5231	-2.24	No	54	0	n/a	n/a	0.025	NP

Sen's Slope and 95% Confidence Band



Sen's Slope Estimator

Constituent: Dibromochloropropane (ug/L) Analysis Run 6/26/2017 11:21 AM

California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

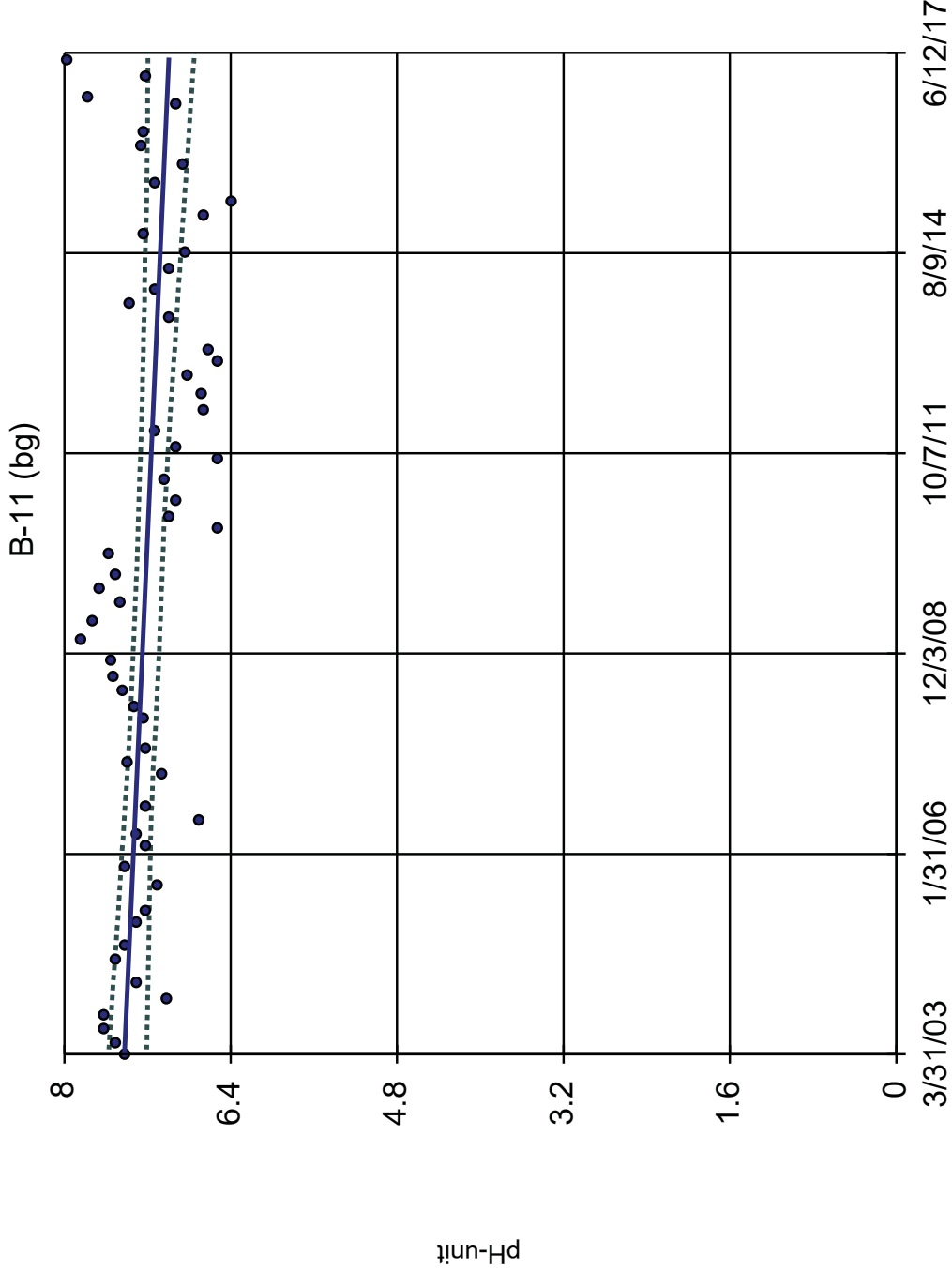
	B-12 (bg)
3/31/2003	0.028
6/10/2003	0.022
8/20/2003	0.024
10/24/2003	0.025
1/16/2004	0.025
4/16/2004	0.02
8/12/2004	0.017
10/21/2004	0.032
2/14/2005	0.02
4/26/2005	0.025
8/30/2005	0.015
12/8/2005	0.016
3/24/2006	0.013
5/24/2006	0.022
7/31/2006	0.017
10/11/2006	0.017
3/28/2007	0.012
5/31/2007	0.019
8/8/2007	0.026
1/8/2008	0.025
3/14/2008	0.018
6/6/2008	0.024
8/19/2008	0.029
11/11/2008	0.027
2/26/2009	0.033
5/28/2009	0.027
9/3/2009	0.033
11/11/2009	0.019
1/28/2010	0.035
5/13/2010	0.023
9/20/2010	0.015
11/18/2010	0.016
2/16/2011	0.027
5/31/2011	0.022
9/22/2011	0.019
11/10/2011	0.02
2/9/2012	0.017
5/29/2012	0.0099
8/16/2012	0.011
11/19/2012	0.014
1/29/2013	0.0084
4/4/2013	0.01
9/18/2013	0.027
11/25/2013	0.025
2/6/2014	0.019
5/27/2014	0.023
8/19/2014	0.008
11/25/2014	0.0071
2/26/2015	0.0095
5/11/2015	0.0096
8/20/2015	0.0091
11/19/2015	0.0099

Sen's Slope Estimator

Constituent: Dibromochloropropane (ug/L) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-12 (bg)
2/29/2016	<0.0029
5/11/2016	<0.0029
9/29/2016	0.016
11/2/2016	0.02
2/16/2017	0.026
5/18/2017	0.035

Sen's Slope and 95% Confidence Band



n = 58
Slope = -0.03017 units per year.
Mann-Kendall normal approx. = -2.45
critical = -2.24
Decreasing trend significant at 97.5% confidence level ($\alpha = 0.0125$ per tail).

Sen's Slope Estimator

Constituent: pH (pH-unit) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

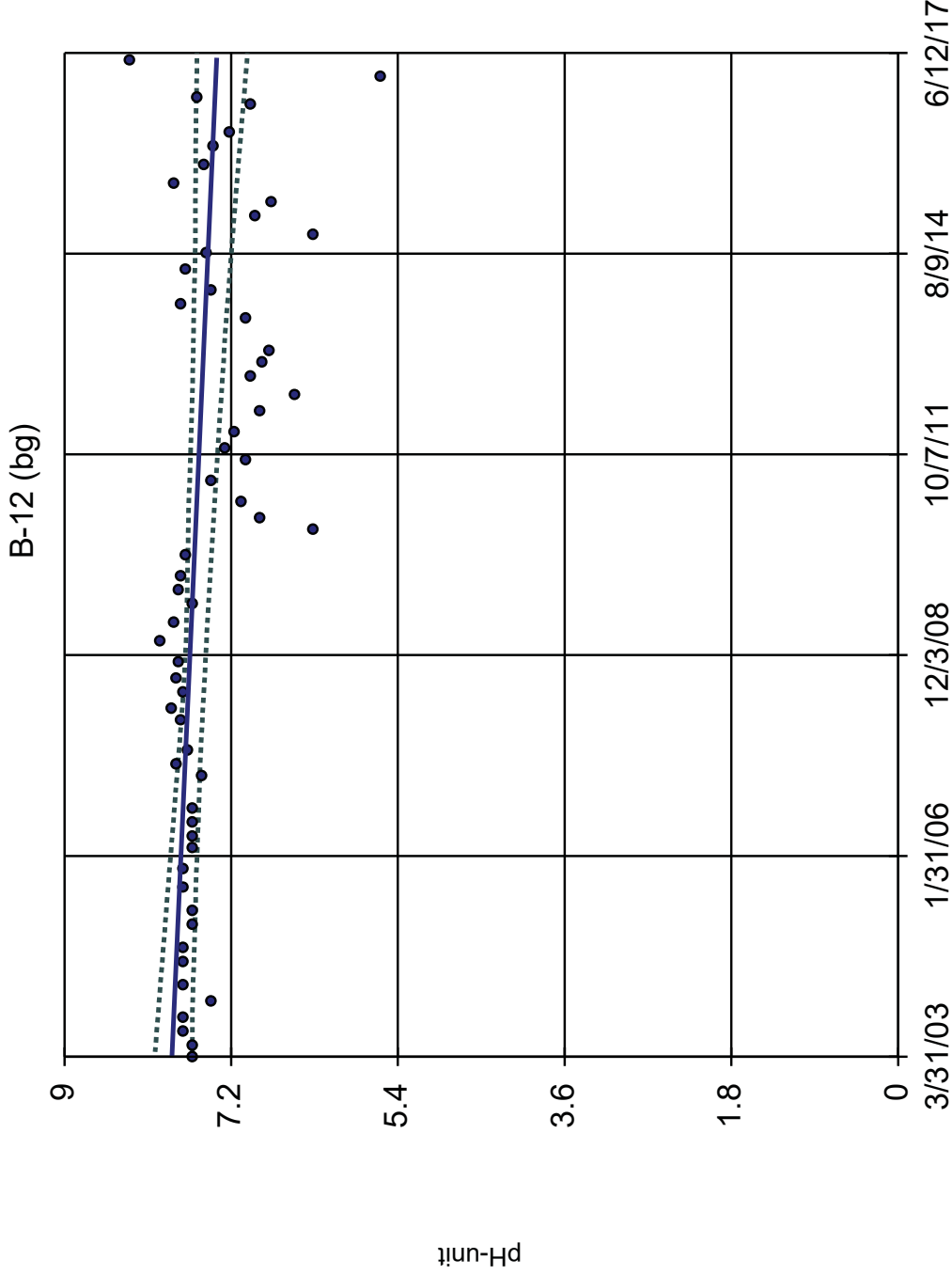
	B-11 (bg)
3/31/2003	7.4
6/10/2003	7.5
8/20/2003	7.6
10/24/2003	7.6
1/16/2004	7
4/15/2004	7.3
8/12/2004	7.5
10/21/2004	7.4
2/14/2005	7.3
4/25/2005	7.2
8/29/2005	7.1
12/8/2005	7.4
3/24/2006	7.2
5/24/2006	7.3
7/31/2006	6.7
10/11/2006	7.2
3/28/2007	7.05
5/31/2007	7.38
8/8/2007	7.2
1/8/2008	7.23
3/14/2008	7.33
6/6/2008	7.43
8/19/2008	7.52
11/11/2008	7.55
2/26/2009	7.83
5/28/2009	7.72
9/3/2009	7.46
11/11/2009	7.65
1/28/2010	7.49
5/13/2010	7.57
9/20/2010	6.52
11/18/2010	6.99
2/16/2011	6.93
5/31/2011	7.02
9/22/2011	6.52
11/10/2011	6.91
2/9/2012	7.13
5/29/2012	6.65
8/16/2012	6.68
11/19/2012	6.8
1/29/2013	6.52
4/4/2013	6.61
9/18/2013	6.98
11/25/2013	7.37
2/6/2014	7.11
5/27/2014	6.98
8/19/2014	6.84
11/25/2014	7.23
2/26/2015	6.66
5/11/2015	6.38
8/20/2015	7.12
11/19/2015	6.85

Sen's Slope Estimator

Constituent: pH (pH-unit) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-11 (bg)
2/29/2016	7.26
5/11/2016	7.23
9/29/2016	6.92
11/2/2016	7.77
2/16/2017	7.22
5/18/2017	7.96

Sen's Slope and 95% Confidence Band



n = 58
Slope = -0.03427 units per year.
Mann-Kendall normal approx. = -2.906
critical = -2.24
Decreasing trend significant at 97.5% confidence level ($\alpha = 0.0125$ per tail).

Sen's Slope Estimator

Constituent: pH (pH-unit) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-12 (bg)
3/31/2003	7.6
6/10/2003	7.6
8/20/2003	7.7
10/24/2003	7.7
1/16/2004	7.4
4/16/2004	7.7
8/12/2004	7.7
10/21/2004	7.7
2/14/2005	7.6
4/26/2005	7.6
8/30/2005	7.7
12/8/2005	7.7
3/24/2006	7.6
5/24/2006	7.6
7/31/2006	7.6
10/11/2006	7.6
3/28/2007	7.5
5/31/2007	7.78
8/8/2007	7.66
1/8/2008	7.74
3/14/2008	7.84
6/6/2008	7.72
8/19/2008	7.78
11/11/2008	7.76
2/26/2009	7.97
5/28/2009	7.8
9/3/2009	7.61
11/11/2009	7.76
1/28/2010	7.74
5/13/2010	7.68
9/20/2010	6.31
11/18/2010	6.88
2/16/2011	7.07
5/31/2011	7.42
9/22/2011	7.04
11/10/2011	7.25
2/9/2012	7.16
5/29/2012	6.87
8/16/2012	6.51
11/19/2012	6.97
1/29/2013	6.85
4/4/2013	6.78
9/18/2013	7.02
11/25/2013	7.74
2/6/2014	7.42
5/27/2014	7.68
8/19/2014	7.46
11/25/2014	6.3
2/26/2015	6.93
5/11/2015	6.75
8/20/2015	7.82
11/19/2015	7.48

Sen's Slope Estimator

Constituent: pH (pH-unit) Analysis Run 6/26/2017 11:21 AM
California Street Landfill Client: Geo-Logic Associates Data: CalSTLF

	B-12 (bg)
2/29/2016	7.38
5/11/2016	7.22
9/29/2016	6.99
11/2/2016	7.57
2/16/2017	5.57
5/18/2017	8.29

Santa Ana Regional Water Quality Control Board

October 7, 2016

Tim Sullivan, Assistant Director, Quality of Life Department
City of Redlands, California Street Landfill
tsullivan@cityofredlands.org
P O Box 3005
35 Cajon Street, Suite 222
Redlands, CA 92373

**MONITORING AND ANALYSIS OF GROUNDWATER AT CALIFORNIA STREET
LANDFILL FOR PERFLUOROALKYL SUBSTANCES AND POLYFLUOROALKYL
SUBSTANCES (PFASs)
CALIFORNIA STREET LANDFILL, REDLANDS, SAN BERNARDINO COUNTY
GEOTRACKER ID: L10004733296**

Dear Mr. Sullivan:

From 2013 to 2015, operators of public water systems in the United States (US) were required by USEPA to monitor the water in their systems for specified contaminants that had not been previously monitored. This process implemented the requirements of USEPA's Unregulated Contaminant Monitoring Rule #3 (UCMR3). Results of these monitoring activities revealed significant levels of perfluoroalkyl substances and polyfluoroalkyl substances (PFASs) in water samples in many parts of the US. Among the 50 states, California had the highest frequency of detections. Further, PFASs were detected in many water samples collected in the Santa Ana Region, with the highest level detected at 0.12 micrograms per liter ($\mu\text{g/L}$) for perfluorohexanesulfonate (PFHxS).

Concern regarding adverse health effects related to PFAS exposure has grown in recent years. PFASs have been linked to cancer, elevated cholesterol, obesity, immune suppression, and endocrine disruption. In May 2016, USEPA established Health Advisory Levels of 0.070 $\mu\text{g/L}$ for perfluorooctanoic acid (PFOA) and 0.070 $\mu\text{g/L}$ for perfluorooctane sulfonate (PFOS) (For more information on these advisories see USEPA's website at: <https://www.epa.gov/ground-water-and-drinking-water/drinking-water-health-advisories-pfoa-and-pfos>). Potential sources of PFAS contamination include, but are not limited to, fire training facilities, landfills, biosolid land application sites, and manufacturing facilities that utilize PFAS compounds.

Based upon results of UCMR3 monitoring and the concerns related to PFAS, we are requesting that the operators of active landfills, including California Street Landfill, in the Santa Ana Region perform a single preliminary monitoring event for PFAS in

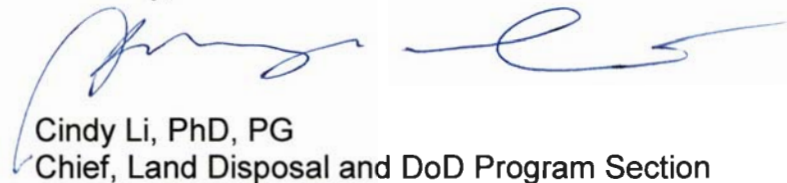
groundwater, leachate, and gas condensate at their landfills to help evaluate potential sources.

Accordingly, please provide us with a workplan for monitoring PFAS at your landfill that addresses the following:

1. Please specify the monitoring locations for collection of water samples, leachate samples, and gas condensate samples. You do not need to sample all locations, but selected locations should appropriately represent all conditions at your facility, and should include groundwater, leachate, and gas condensate.
2. Please specify who will collect the samples at your facility.
3. Please specify the dates that samples will be collected.
4. Please specify the appropriate sampling procedures, type and size of sample container, holding times, and quantities for sampling PFAS compounds.
5. Please identify the laboratory that will be performing the analyses and indicate that samples will be tested using USEPA Method 537 Modified with isotope dilution.
6. At a minimum, the analytical laboratory must be certified for performing USEPA Method 537 Modified, must have the capacity to quantify the compounds listed below, and must be capable of achieving the Minimum Reporting Levels (MRLs) specified in USEPA Method 537.
 - a. Perfluorooctanesulfonic acid (PFOS)
 - b. Perfluorooctanoic acid (PFOA)
 - c. Perfluorobutanesulfonic acid (PFBS)
 - d. Perfluorobutanoic acid (PFBA)
 - e. Perfluorohexanoic acid (PFHxA)
 - f. Perfluorohexanesulfonic acid (PFHxS)
 - g. Perfluoroheptanoic acid (PFHpA)
 - h. Perfluoroheptane sulfonate (PFHpS)
 - i. Perfluorononanoic acid (PFNA)
 - j. Perfluorodecanoic acid (PFDA)
 - k. Perfluorododecanoic acid (PFDoA)
 - l. Perfluorotetradecanoic acid (PFTA)
 - m. Perfluorotridecanoic acid (PFTTrDA)
 - n. Perfluoroundecanoic acid (PFUnA)
 - o. N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
 - p. N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
 - q. 6:2 Fluorotelomer sulfonate (6:2 FTS)
 - r. 8:2 Fluorotelomer sulfonate (8:2 FTS)

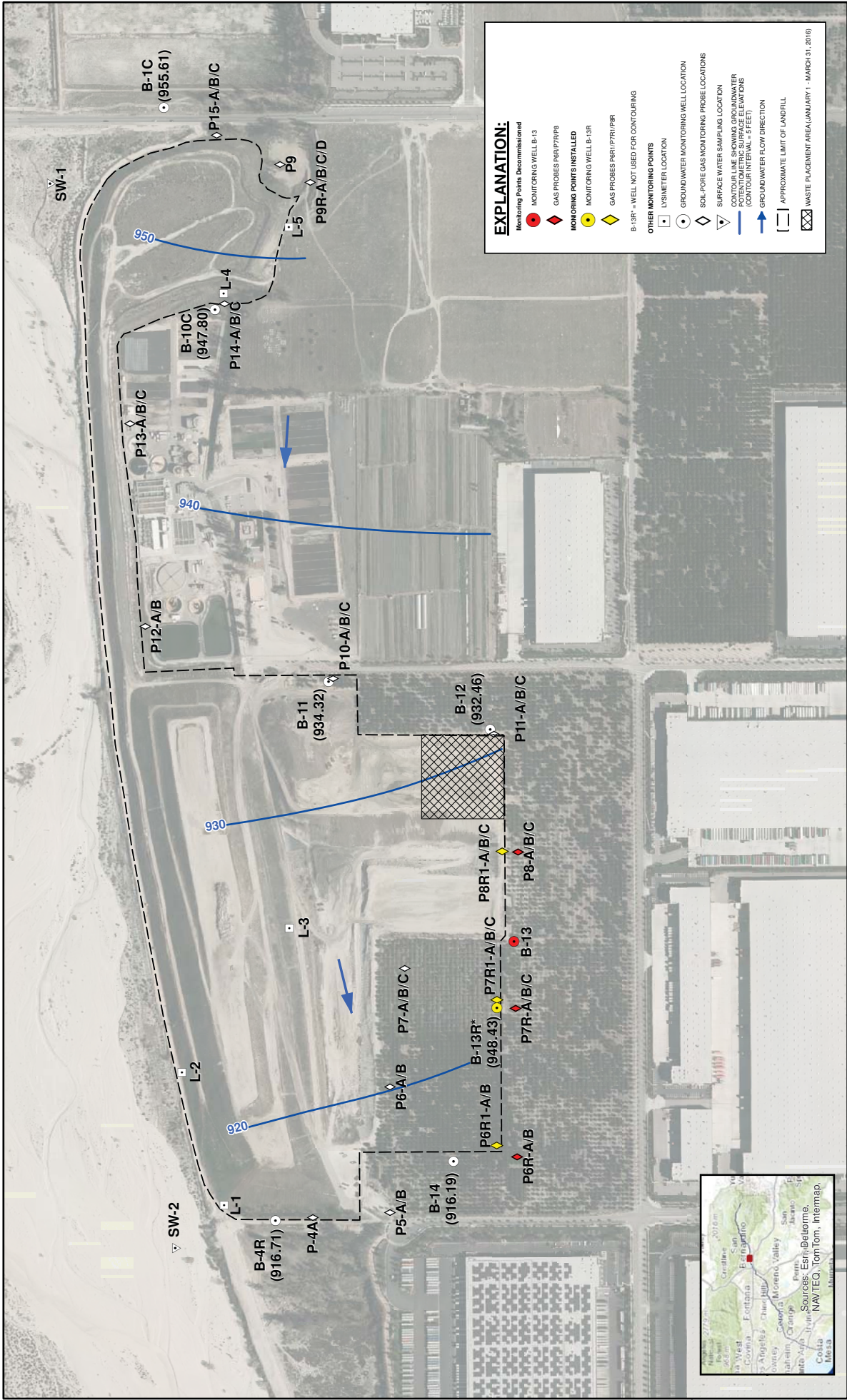
Please submit your PFAS monitoring workplan to Regional Board staff by Friday, January 13, 2017. If you have any questions, please contact Bill Rice at (951) 782-4459 or William.Rice@waterboards.ca.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Cindy Li', is written over a light blue rectangular background.

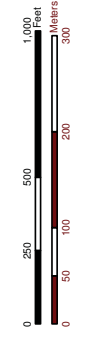
Cindy Li, PhD, PG
Chief, Land Disposal and DoD Program Section

CC: Chris Boatman, City of Redlands, Quality of Life Department
(cboatman@cityofredlands.org)
Tabitha Kevari, City of Redlands, Quality of Life Department
(tkevari@cityofredlands.org)
Diana Almond, San Bernardino County, Department of Public Health – LEA
(Diana.Almond@dph.sbcounty.gov)



EXPLANATION:

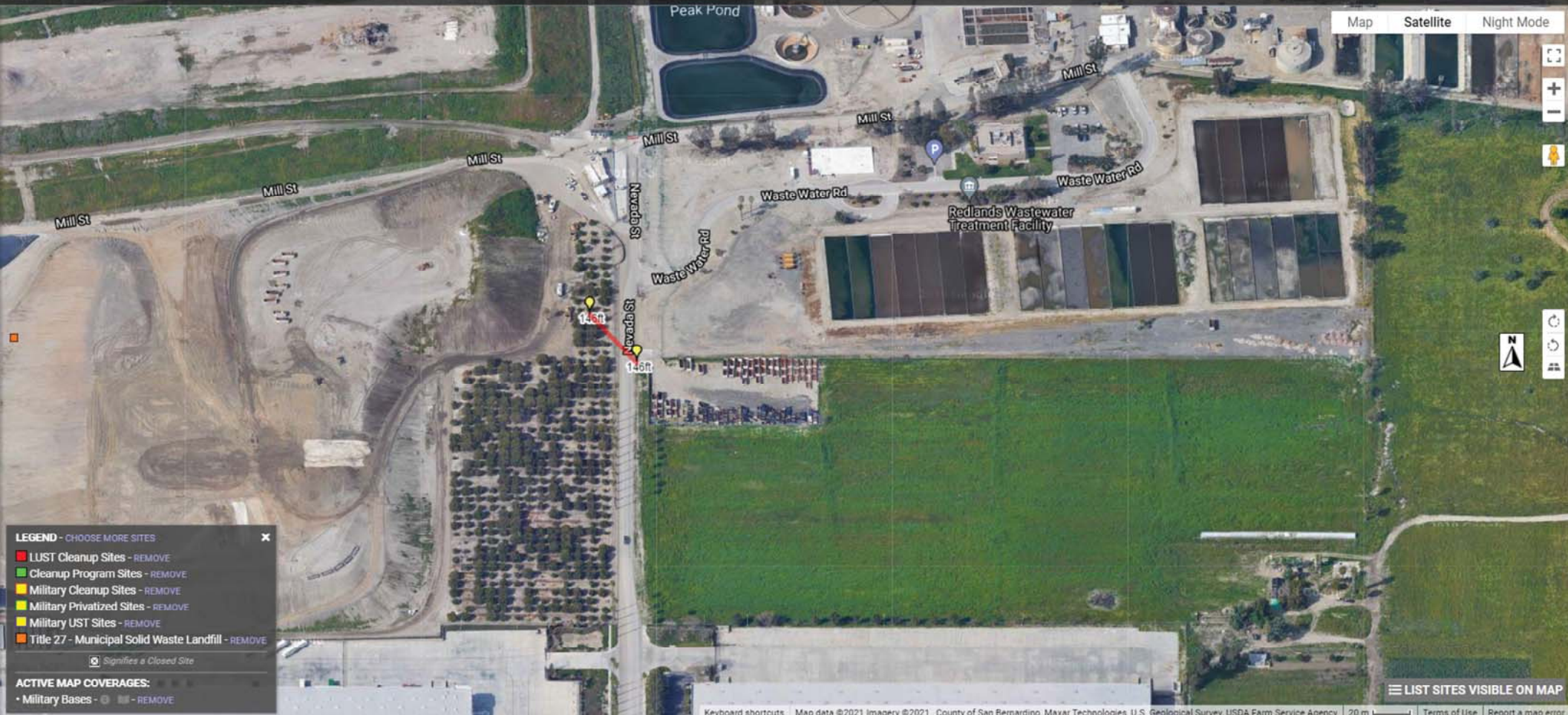
- Monitoring Points Decommissioned
 - Monitoring Well B-13
 - Gas Probes PRP7R/P8
- Monitoring Points Installed
 - Monitoring Well B-13R
 - Gas Probes PRP17R/P8R
- Other Monitoring Points
 - B-13R* - Well Not Used For Contouring
 - U/S Meter Location
 - Groundwater Monitoring Well Location
 - Soil-Pore Gas Monitoring Probe Locations
 - Surface Water Sampling Location
 - Contour Line Showing 800' Underwater
 - Potentiometric Surface Elevations (Contour Interval = 5 Feet)
 - Groundwater Flow Direction
 - Approximate Limit of Landfill
 - Waste Placement Area (January 1 - March 31, 2016)



Produced by:
Geo-Logic
 ASSOCIATES
 Geologists, Hydrogeologists, and Engineers

2777 Esri | Gustaf Road
 Irvine, CA 92618-2292
 Phone: 949.866.2323
 Fax: 949.866.2333
 Author: J.D. Date: 7/17/2017

Site Plan - Second Quarter (Spring) 2017
 California Street Landfill - Redlands, California
 Figure 2



LEGEND - CHOOSE MORE SITES [X]

- LUST Cleanup Sites - REMOVE
- Cleanup Program Sites - REMOVE
- Military Cleanup Sites - REMOVE
- Military Privatized Sites - REMOVE
- Military UST Sites - REMOVE
- Title 27 - Municipal Solid Waste Landfill - REMOVE

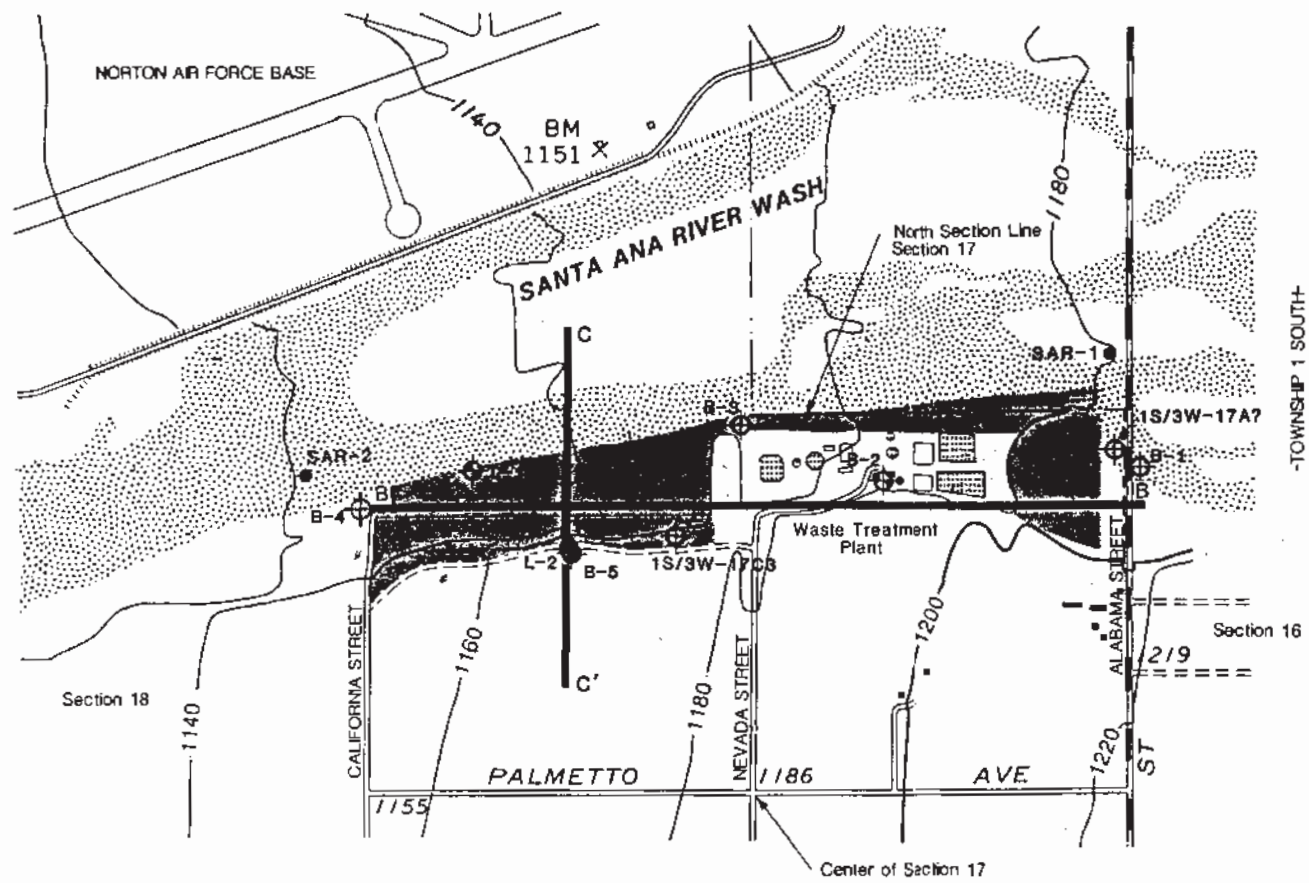
Signifies a Closed Site

ACTIVE MAP COVERAGES:

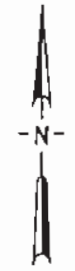
- Military Bases - [icon] - REMOVE

LIST SITES VISIBLE ON MAP

NAME	SAMP ID	DATE	PARAMETER	MATRIX	QUALIFIER	RESULT	UNITS	RL NOTE
B-12	B-12	5/10/2021	1,1,2-Tetrachloroethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,1,1-Trichloroethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,1,2,2-Tetrachloroethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,1,2-Trichloroethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,1-Dichloroethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,1-Dichloroethene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,1-Dichloropropene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,2,3-Trichlorobenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,2,3-Trichloropropane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,2,4-Trichlorobenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,2,4-Trimethylbenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,2-Dibromo-3-chloropropane	W	=		0.022 UG/L	
B-12	B-12	5/10/2021	1,2-Dibromo-3-chloropropane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,2-Dibromoethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,2-Dichlorobenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,2-Dichloroethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,2-Dichloropropane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,3,5-Trimethylbenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,3-Dichlorobenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,3-Dichloropropane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,3-Dichloropropene (Total)	W	ND		0 UG/L	
B-12	B-12	5/10/2021	1,4-Dichlorobenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	2,2-Dichloropropane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	2,4,5-T	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	2,4,5-TP (Silvex)	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	2,4-D	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	2,4-DB	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	2-Butanone	W	ND		0 UG/L	
B-12	B-12	5/10/2021	2-Chloroethyl vinyl ether	W	ND		0 UG/L	
B-12	B-12	5/10/2021	2-Chlorotoluene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	2-Hexanone	W	ND		0 UG/L	
B-12	B-12	5/10/2021	3,5-Dichlorobenzoic acid	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	4-Chlorotoluene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	4-Isopropyltoluene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	4-Methyl-2-pentanone	W	ND		0 UG/L	
B-12	B-12	5/10/2021	4-Nitrophenol	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	Acetone	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Acifluorfen	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	Acrolein	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Acrylonitrile	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Alkalinity as CaCO3	W	=		240 MG/L	
B-12	B-12	5/10/2021	Bentazon	W	=		2.4 UG/L	J,OU
B-12	B-12	5/10/2021	Benzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Bicarbonate as HCO3	W	=		290 MG/L	
B-12	B-12	5/10/2021	Bromobenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Bromochloromethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Bromodichloromethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Bromoform	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Bromomethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Carbon Dioxide, Free	W	=		9.98 MG/L	
B-12	B-12	5/10/2021	Carbon disulfide	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Carbon tetrachloride	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Carbonate Alkalinity as CaCO3	W	ND		0 MG/L	
B-12	B-12	5/10/2021	Chemical Oxygen Demand	W	ND		0 MG/L	
B-12	B-12	5/10/2021	Chloride	W	=		26 MG/L	
B-12	B-12	5/10/2021	Chlorobenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Chloroethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Chloroform	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Chloromethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	DCPA (Dacthal)	W	=		15 UG/L	OU
B-12	B-12	5/10/2021	Dalapon	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	Dibromochloromethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Dibromomethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Dicamba	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	Dichlorodifluoromethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Dichloroprop	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	Dinoseb	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	Ethylbenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Hexachlorobutadiene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Hydroxide Alkalinity as CaCO3	W	ND		0 MG/L	
B-12	B-12	5/10/2021	Isopropylbenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	Methyl-tert-butyl ether (MTBE)	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Methylene chloride	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Naphthalene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Nitrogen, Nitrate (as N)	W	=		19000 UG/L	
B-12	B-12	5/10/2021	Pentachlorophenol	W	ND		0 UG/L	OU
B-12	B-12	5/10/2021	Perchlorate	W	=		48 UG/L	
B-12	B-12	5/10/2021	Picloram	W	ND		0 MG/L	OU
B-12	B-12	5/10/2021	Styrene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Sulfate	W	=		63 MG/L	
B-12	B-12	5/10/2021	Tetrachloroethene (PCE)	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Toluene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Total Dissolved Solids	W	=		490 MG/L	
B-12	B-12	5/10/2021	Trichloroethene (TCE)	W	=		1.2 UG/L	
B-12	B-12	5/10/2021	Trichlorofluoromethane	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Vinyl chloride	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Xylene, isomers m & p	W	ND		0 UG/L	
B-12	B-12	5/10/2021	Xylenes	W	ND		0 UG/L	
B-12	B-12	5/10/2021	cis-1,2-Dichloroethene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	cis-1,3-Dichloropropene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	n-Butylbenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	n-Propylbenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	o-Xylene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	sec-Butylbenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	tert-Butylbenzene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	trans-1,2-Dichloroethene	W	ND		0 UG/L	
B-12	B-12	5/10/2021	trans-1,3-Dichloropropene	W	ND		0 UG/L	



- EXPLANATION
- B-1 Monitoring well
 - L-1 Lysimeter installation
 - SAR-1 Surface water sampling point
 - B B' Cross section line



Scale 0 850 feet

NORTON AIR FORCE BASE

SANTA ANA RIVER WASH

Waste Treatment Plant

PALMETTO

AVE

CALIFORNIA STREET
NEVADA STREET
ALABAMA STREET

Section 18

North Section Line
Section 17

Section 16

Center of Section 17

RANGE 3 WEST-

-TOWNSHIP 1 SOUTH-

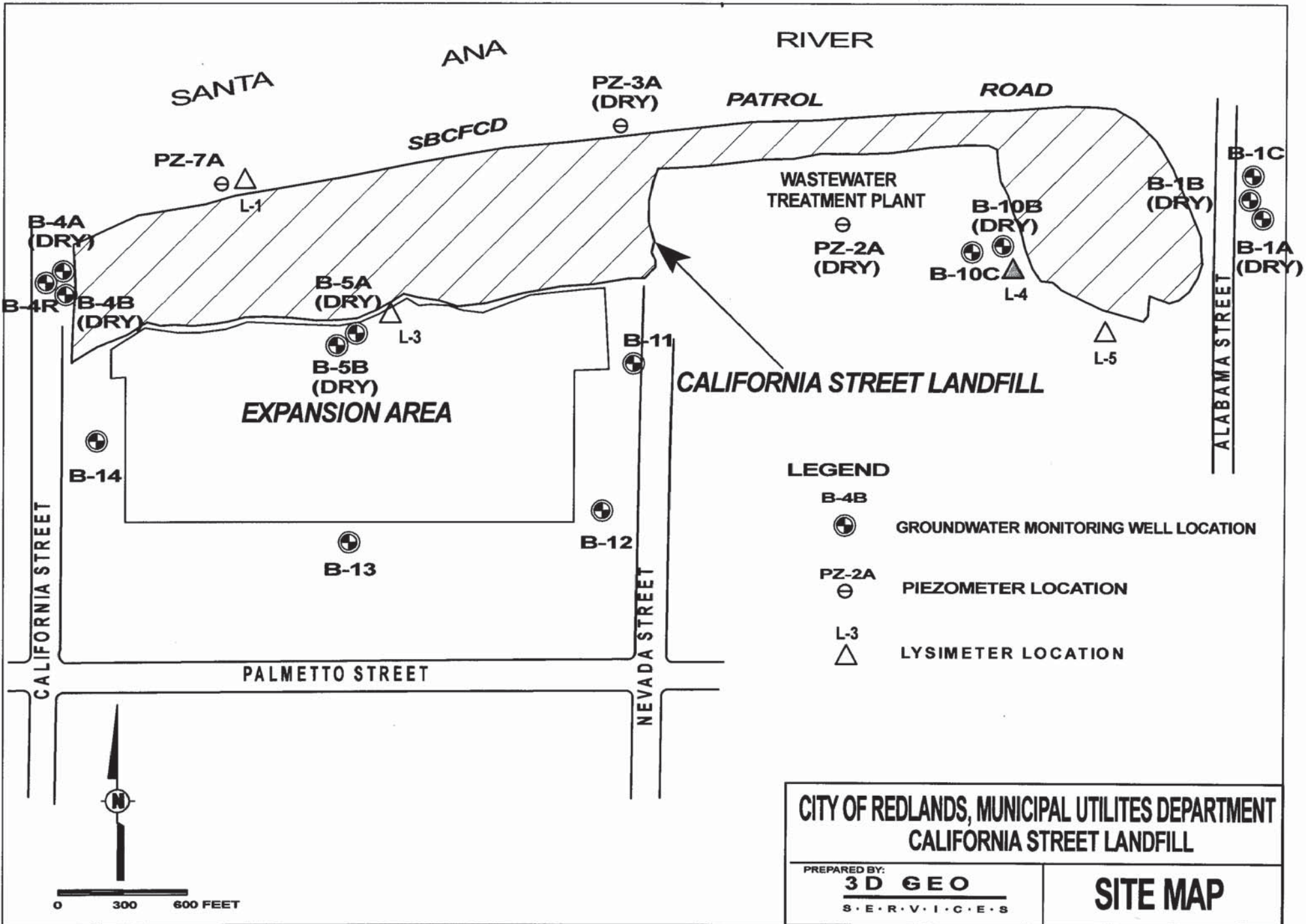
Reference: USGS 7.5-minute quadrangle, Redlands, California (photorevised 1980)




HLA Harding Lawson Associates
Engineers Geologists
& Geophysicists

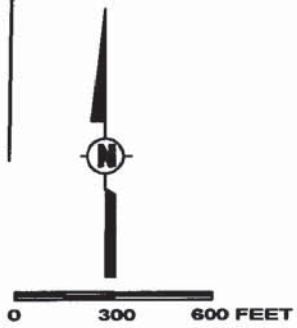
SITE LOCATION MAP
California Street Landfill
NBS/Lowry
Redlands, California

2

DATE	JOB NUMBER	APPROVED	DATE	REVISED	DATE
11	17528.002.11	<i>[Signature]</i>	1/88		



- LEGEND**
-  B-4B GROUNDWATER MONITORING WELL LOCATION
 -  PZ-2A PIEZOMETER LOCATION
 -  L-3 LYSIMETER LOCATION



**CITY OF REDLANDS, MUNICIPAL UTILITIES DEPARTMENT
CALIFORNIA STREET LANDFILL**

PREPARED BY:
3D GEO
S · E · R · V · I · C · E · S

SITE MAP



California Regional Water Quality Control Board

Santa Ana Region



Terry Tamminen
Secretary for
Environmental
Protection

Internet Address: <http://www.swrcb.ca.gov/rwqcb8>
3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (951) 782-4130 - FAX (951) 781-6288

**Arnold
Schwarzenegger**
Governor

August 5, 2004

Mr. Gary Phelps
Municipal Utilities Director
City of Redlands
P. O. Box 3005
Redlands, CA 92373

ORGANIC COMPOUND DETECTION IN BACKGROUND WELLS AND GROUNDWATER DATA STATISTICAL ANALYTICAL METHODS, CALIFORNIA STREET LANDFILL, REDLANDS

Dear Mr. Phelps:

We have reviewed the following documents, prepared and submitted by 3D Geoservices for the City:

1. ***Pre-statistical Interim Background Monitoring Well Evaluation, California Street Landfill, Redlands, California, March 8, 2004.*** This report was submitted in accordance with Contingency Responses D.6.a.ii of Order No. 98-99¹ to evaluate the sources of the organic compounds detected in the background wells at the landfill site.
2. ***Proposal for Revised Statistical Methodology for the California Street Landfill, City of Redlands, California, May 10, 2004.*** As requested by Regional Board staff, this letter report was submitted in accordance with §20415(e)(7)(B)(2), Title 27, California Code of Regulations (27 CCR), to evaluate the existing statistical data analytical methods and to make any changes needed to comply with performance standards outlined in 27 CCR, §20415(e)(9, 10, & 12).

Organic compound detections in background wells

The 2003 quarterly monitoring of the newly installed site expansion area background wells, B-11 through B-14, indicated consistent detection of TCE, PCE, DCE isomers, DBCP, and perchlorate. On March 8, 2004, 3D Geoservices submitted the above-referenced evaluation report on behalf of the City, to examine the likelihood that the detected organic compounds were coming from the landfill, and to investigate other potential sources for the detected organic compounds. Based on the concentration gradient contours of the contaminants provided by 3D

¹ On April 30, 2004, Order No. 81-172, as amended by Order No. 98-99, and all portions of Order No. 98-99 that were specific to the California Street Landfill were superseded and replaced by Order No. R8-2004-0008.

California Environmental Protection Agency



Mr. Gary Phelps
Municipal Utilities Director
City of Redlands

-2-

August 5, 2004

Geoservices, and our awareness of existing contaminant sources upgradient of the landfill, we concur with the conclusion that organic compound contamination in the background wells is from offsite sources rather than the landfill unit. To address the detection of organic compounds in the background wells, the Board adopted background values as concentration limits for these constituents in Board Order No. R8-2004-0008.

Groundwater data statistical analytical methods

As part of Board staff's effort in updating the site's monitoring and reporting program, the City was directed to re-evaluate the data analytical methods currently used in evaluating water quality data. On May 10, 2004, 3D Geoservices prepared and submitted a proposal requesting to change to the SANITAS water quality data analysis software. 3D Geoservices has proposed to utilize intra-well statistical methods for naturally occurring constituents of concern, and inter-well, prediction limit statistical methods for evaluating landfill releases in an environment already contaminated by sources other than the landfill.

State Water Resources Control Board staff have recommended the SANITAS software for statistical data analysis at landfills. We believe the new data analytical methods selected are appropriate for detection of a release from the landfill, based on the groundwater sample size and the site hydrogeologic conditions. The proposed changes to the data analytical methods comply with the performance standards listed in 27 CCR, §20415(e)(9, 10, & 12).

If you have any questions regarding this letter, please contact Joanne Lee of our Land Disposal Section at (951) 782-3291, or her supervisor, Dixie Lass, at (951) 782-3295.

Sincerely,

Gerard J. Thibeault
Executive Officer

cc: Gary Van Dorst, Solid Waste Manager, City of Redlands Municipal Utilities Dept.
Mercedes Murillo, 3D Geoservices
Jacquelyn Adams, San Bernardino County Dept. of Environmental Health Services, LEA

C:\DATA2\LANDFILL\California St\cslfbkgdvoc.let.doc

California Environmental Protection Agency



[EXPORT THIS DATA TO EXCEL](#) - [SHOW SOURCE FIELDS](#)

GM DATASET NAME	GM WELL CATEGORY	GM DATA SOURCE	GM WELL ID	GM CHEMICAL VVL	GM CHEMICAL NAME	GM RESULT MODIFIER	GM RESULT	GM RESULT UNITS	GM SAMP COLLECTION DATE	GM REPORTING LIMIT	GM LATITUDE	GM LONGITUDE	GM WELL DEPTH FT	GM TOP DEPTH OF SCREEN FT	B I S
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	01/28/2010	.481	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	08/20/2015	4.1	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	02/11/2020	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	03/27/2020	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	08/05/2020	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	10/01/2020	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	02/03/2021	.5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACB	Anion/Cation Balance	ND		Count	08/20/2015		34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	=	11	UG/L	08/20/2008	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	11/11/2008	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	05/28/2009	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	09/03/2009	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	11/11/2009	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	01/28/2010	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	05/13/2010	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	=	4.5	UG/L	09/20/2010	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	11/18/2010	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	02/16/2011	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	05/31/2011	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	09/22/2011	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	11/10/2011	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	02/09/2012	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	05/29/2012	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	11/25/2013	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	02/06/2014	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	05/27/2014	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	08/19/2014	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	11/25/2014	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	05/11/2015	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	08/20/2015	10	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	11/19/2015	20	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	02/29/2016	20	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	09/29/2016	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	11/09/2016	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	02/16/2017	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	05/18/2017	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	08/15/2017	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	11/27/2017	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	02/12/2018	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	=	1.5	UG/L	05/30/2018	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	=	2.5	UG/L	08/07/2018	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	ND	0	UG/L	10/18/2018	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	=	2.3	UG/L	02/25/2019	5	34.08672464	-117.2184023	290	159.88	
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-12	ACE	Acetone	=	3	UG/L	05/21/2019	5	34.08672464	-117.2184023	290	159.88	

[EXPORT THIS DATA TO EXCEL - SHOW SOURCE FIELDS](#)

GM DATASET NAME	GM WELL CATEGORY	GM DATA SOURCE	GM WELL ID	GM CHEMICAL VVL	GM CHEMICAL NAME	GM RESULT MODIFIER	GM RESULT	GM RESULT UNITS	GM SAMP COLLECTION DATE	GM REPORTING LIMIT	GM LATITUDE	GM LONGITUDE	GM WELL DEPTH FT	GM TOP DEPTH OF SCREEN FT	GM BOTTOM DEPTH OF SCREEN FT	GM CAS NUMBER	GM ALTWELL ID1	GM ALTWELL ID2	GM ALTWELL ID3
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	01/28/2010	.485	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	08/20/2015	4.1	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	02/11/2020	.5	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	03/27/2020	5	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	08/05/2020	.5	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	10/01/2020	.5	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	24D	2,4-Dichlorophenoxyacetic acid (2,4 D)	ND	0	UG/L	02/03/2021	.5	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACB	Anion/Cation Balance	=		Count	08/20/2015	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	08/20/2008	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	11/11/2008	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	05/28/2009	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	09/03/2009	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	11/11/2009	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	01/28/2010	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	05/13/2010	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	09/20/2010	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	11/18/2010	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	02/16/2011	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	05/31/2011	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	09/22/2011	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	11/10/2011	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	02/09/2012	5	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	05/29/2012	5	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	11/25/2013	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	02/06/2014	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	05/27/2014	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	08/19/2014	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	11/25/2014	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	05/11/2015	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	08/20/2015	10	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	11/19/2015	20	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	02/29/2016	20	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	09/29/2016	5	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ACE	Acetone	ND	0	UG/L	11/09/2016	5	34.0888353	-117.2176248	311.6	159.93	319.93		B-11		

WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PH	pH	=			PH UNITS	08/07/2018		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PH	pH	=			PH UNITS	02/25/2019		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PHORATE	Phorate	ND	0	9.43	UG/L	01/28/2010		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PHORATE	Phorate	ND	0	11	UG/L	08/20/2015		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PHORATE	Phorate	ND	0	100	UG/L	02/11/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PHORATE	Phorate	ND	0	10	UG/L	03/27/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PICLORAM	Picloram	ND	0	.000465	MG/L	01/28/2010		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PICLORAM	Picloram	ND	0	.00075	MG/L	02/11/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PICLORAM	Picloram	ND	0	.00075	MG/L	03/27/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PICLORAM	Picloram	ND	0	.00075	MG/L	08/05/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PICLORAM	Picloram	ND	0	.00075	MG/L	10/01/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PICLORAM	Picloram	ND	0	.00075	MG/L	02/03/2021		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	PORTHO	orthophosphate	=	0.084		MG/L	02/11/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SB	Antimony	ND	0		UG/L	01/28/2010		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SB	Antimony	ND	0		UG/L	08/20/2015		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SB	Antimony	=	0.19		UG/L	02/11/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SC	Specific Conductivity	=	620		UMHOS/CM	01/28/2010		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SE	Selenium	=	0.62		UG/L	01/28/2010		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SE	Selenium	=	2.5		UG/L	08/20/2015		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SE	Selenium	=	0.13		UG/L	02/11/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SILVEX	2,4,5-TP (Silvex)	ND	0	.485	UG/L	01/28/2010		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SILVEX	2,4,5-TP (Silvex)	ND	0	1	UG/L	08/20/2015		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SILVEX	2,4,5-TP (Silvex)	ND	0	.25	UG/L	02/11/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SILVEX	2,4,5-TP (Silvex)	ND	0	2.5	UG/L	03/27/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SILVEX	2,4,5-TP (Silvex)	ND	0	.25	UG/L	08/05/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SILVEX	2,4,5-TP (Silvex)	ND	0	.25	UG/L	10/01/2020		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SO4	Sulfate	=	51		MG/L	08/20/2008		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SO4	Sulfate	=	56		MG/L	11/11/2008		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SO4	Sulfate	=	51		MG/L	05/28/2009		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SO4	Sulfate	=	53		MG/L	09/03/2009		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SO4	Sulfate	=	53		MG/L	11/11/2009		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SO4	Sulfate	=	44		MG/L	01/28/2010		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SO4	Sulfate	=	64		MG/L	05/13/2010		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SO4	Sulfate	=	60		MG/L	09/20/2010		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SO4	Sulfate	=	60		MG/L	11/18/2010		34.0888353	-117.2176248	311.6	159.93	319.93	B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	SO4	Sulfate	=	33		MG/L	02/16/2011		34.0888353	-117.2176248	311.6	159.93	319.93	B-11

WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	XYLENES1314	Xylenes	ND			05/21/2019		34.0888353	-117.2176248	311.6	159.93	319.93		B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	XYLENES1314	Xylenes	ND			08/01/2019		34.0888353	-117.2176248	311.6	159.93	319.93		B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	XYLENES1314	Xylenes	ND			10/15/2019		34.0888353	-117.2176248	311.6	159.93	319.93		B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	XYLENES1314	Xylenes	ND			02/11/2020		34.0888353	-117.2176248	311.6	159.93	319.93		B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	XYLENES1314	Xylenes	ND			06/15/2020		34.0888353	-117.2176248	311.6	159.93	319.93		B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	XYLENES1314	Xylenes	ND			08/05/2020		34.0888353	-117.2176248	311.6	159.93	319.93		B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	XYLENES1314	Xylenes	ND			10/01/2020		34.0888353	-117.2176248	311.6	159.93	319.93		B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	XYLENES1314	Xylenes	ND			02/03/2021		34.0888353	-117.2176248	311.6	159.93	319.93		B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ZN	Zinc	ND	0	MG/L	01/28/2010	.02	34.0888353	-117.2176248	311.6	159.93	319.93		B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ZN	Zinc	ND	0	MG/L	01/28/2010	.02	34.0888353	-117.2176248	311.6	159.93	319.93		B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ZN	Zinc	=	0.15	MG/L	08/20/2015	.02	34.0888353	-117.2176248	311.6	159.93	319.93		B-11
WB_CLEANUP	MONITORING	GeoTracker	L10004733296-B-11	ZN	Zinc	=	0.073	MG/L	02/11/2020	.005	34.0888353	-117.2176248	311.6	159.93	319.93		B-11



2151 NEVADA
 REDLANDS, CA 92373
 SAN BERNARDINO COUNTY
[LAND DISPOSAL SITE \(INFO\)](#)
[OPEN - OPERATING AS OF 12/5/2014 - DEFINITION](#)
[PRINTABLE CASE SUMMARY / CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 SANTA ANA RWQCB (REGION 8) ([LEAD](#)) - CASE #: 8
 CASEWORKER: [JOANNE LEE](#)

[Summary](#) [Cleanup Action Report](#) [Regulatory Activities](#) [Environmental Data \(ESI\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#)

Regulatory Profile

[PRINTABLE CASE SUMMARY](#)

CLEANUP STATUS - DEFINITIONS

[OPEN - OPERATING AS OF 12/5/2014](#) - [CLEANUP STATUS HISTORY](#)

POTENTIAL CONTAMINANTS OF CONCERN

PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)

FILE LOCATION

DWR GROUNDWATER SUB-BASIN NAME

Upper Santa Ana Valley - San Bernardino (8-002.06)

FACILITY TYPE

TITLE 27 - MUNICIPAL SOLID WASTE LANDFILL

POTENTIAL MEDIA OF CONCERN

NONE SPECIFIED

DESIGNATED GROUNDWATER BENEFICIAL USE(S) - DEFINITIONS

MUN, AGR, IND, PROC, 8 - Note: Also incl part of 801.53, 801.54, 801.57 - Note: Also incl part of 801.53, 801.54, 801.57, 801.58.

CALWATER WATERSHED NAME

Santa Ana River - Upper Santa Ana River - Bunker Hill (801.52)

Site History

SITE HISTORY

The City of Redlands is conducting Detection Monitoring Program for groundwater monitoring at the site.

The California Street Landfill is an approximately 115-acre, active Class III landfill owned and operated by the City of Redlands, and includes the original 63-acre unlined portion and the approximately 52-acre lined expansion area. The facility is located in the northeastern portion of the San Bernardino Valley, along a reach of the southern bank of the Santa Ana River channel approximately 3.5 miles northwest of the City of Redlands in southeastern San Bernardino County. The landfill is located at 2151 Nevada Street, Redlands, California, 92373, in the northern half of the northeast portion of Section 17, Township I South, Range 3 West, San Bernardino Baseline and Meridian.

From 1963 until present, the CSL has accepted municipal solid wastes generated within the City of Redlands consisting primarily of residential, commercial, and industrial waste, with a minor fraction of dried sewage sludge from the City's wastewater treatment plant located adjacent to the CSL. No designated or hazardous wastes were knowingly accepted for on-site disposal. Groundwater beneath the CSL is impacted by perchlorate, tetrachloroethene (PCE), trichloroethene (TCE), and 1,2-dibromo-3-chloropropane (DBCP). On March 8, 2004, the City submitted a report, as required under Contingency Response D.6.a.ii of Order No. 98-99, which demonstrated that all groundwater impacts originated from sources other than the landfill (3D GeoServices, 2004).

GEOLOGIC SETTING

The CSL is located within the eastern portion of the Transverse Ranges Geomorphic Province of California within the structurally down-dropped San Bernardino Valley structural block. The structural block is bounded to the north and south by the San Andreas and San Jacinto faults, respectively, and consists of over 1,000 feet of alluvium derived from the adjacent San Bernardino and San Gabriel Mountains delivered to the valley floor by coalescing streams flowing from the upland areas. The maximum thickness of alluvium in the area is estimated to be greater than 1,200 feet approximately one mile northwest of the landfill. The maximum thickness of alluvium beneath the landfill is greater than 700 feet (RWQCB, 2008). Ground surface elevations range from 955 feet above mean sea level (amsl) on the western end of the site to 1,040 feet amsl on the eastern end.

SITE HYDROGEOLOGIC SETTING

The CSL is situated along the southern bank of Reach 5 of the Santa Ana River channel, within the Upper Santa Ana River Hydrologic Area, in the Mill Creek Hydrologic Sub-Area of the Santa Ana River Watershed (Santa Ana Hydrologic Basin). No natural lakes or other bodies of standing water, ephemeral seeps, or springs occur at the site. Groundwater beneath the CSL occurs at approximately 166 to 203 feet below ground surface (bgs) within alluvial deposits. Historical groundwater elevation measurements indicate the groundwater flows to the west at an average hydraulic gradient of approximately 0.01 foot per foot (ft/ft).

[Back to Top](#)

[Privacy Policy](#)

[Contact Us](#)

[Conditions of Use](#)

[Accessibility](#)

Copyright © 2021 State of California



STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER



Tools

Reports

UST Case Closures

Information



CALIFORNIA STREET LANDFILL (L10004733296) - [\(MAP\)](#)

[SIGN UP FOR EMAIL ALERTS](#)

2151 NEVADA
REDLANDS, CA 92373
SAN BERNARDINO COUNTY
LAND DISPOSAL SITE ([INFO](#))
OPEN - OPERATING AS OF 12/5/2014 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY / CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
SANTA ANA RWQCB (REGION 8) (**LEAD**) - CASE #: 8 360303001
CASEWORKER: [JOANNE LEE](#)

[Summary](#) [Cleanup](#) [Action Report](#) [Regulatory Activities](#) [Environmental Data \(ESI\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#)

Cleanup Action Report

NO CLEANUP ACTIONS EXIST

[Back to Top](#)

[Conditions of Use](#)

[Privacy Policy](#)

[Accessibility](#)

[Contact Us](#)

Copyright © 2021 State of California



2151 NEVADA
REDLANDS, CA 92373
SAN BERNARDINO COUNTY
[LAND DISPOSAL SITE \(INFO\)](#)
OPEN - OPERATING AS OF 12/5/2014 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY / CSM REPORT](#)

[CLEANUP OVERSIGHT AGENCIES](#)
SANTA ANA RWQCB (REGION 8) (*LEAD*) - CASE #: 8
CASEWORKER: [JOANNE LEE](#)

[Summary](#) [Cleanup Action Report](#) [Regulatory Activities](#) [Environmental Data \(ESI\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#)

Cleanup Action Report

NO CLEANUP ACTIONS EXIST

[Back to Top](#)

[Privacy Policy](#)

[Contact Us](#)

[Conditions of Use](#)

[Accessibility](#)



2151 NEVADA
 REDLANDS, CA 92373
 SAN BERNARDINO COUNTY
 LAND DISPOSAL SITE ([INFO](#))
 OPEN - OPERATING AS OF 12/5/2014 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 SANTA ANA RWQCB (REGION 8) ([LEAD](#)) - CASE #: 8
 CASEWORKER: [JOANNE LEE](#)

[Summary](#)
[Cleanup Action Report](#)
[Regulatory Activities](#)
[Environmental Data \(ESI\)](#)
[Site Maps / Documents](#)
[Community Involvement](#)
[Related Cases](#)

Public Participation

<u>CATEGORY</u>	<u>DATE</u>
NONE SPECIFIED - INFO	
<u>ADDITIONAL PUBLIC PARTICIPATION DESCRIPTION</u>	

Environmental Justice

[DWR 2016 DISADVANTAGED COMMUNITY DESIGNATION](#) - [INFO](#)
 Disadvantaged Community

[CALENVIROSCREEN 3.0 SCORE](#) - [INFO](#)
 Percentile Range: [71-75%](#)

Community Involvement Documents

UPDATES AND INFORMATION				
<u>DOCUMENT TITLE</u>	<u>DOCUMENT TYPE</u>	<u>DOCUMENT COMMENT</u>	<u>DOCUMENT DATE</u>	<u>DOCUMENT SIZE</u>
PFAS Sampling and Analysis Work Plan	Proposed Plan	Proposed Plan	1/19/2017	1,815KB

[Back to Top](#)

[Conditions of Use](#)

[Privacy Policy](#)

[Accessibility](#)

[Contact Us](#)

2151 NEVADA
 REDLANDS, CA 92373
 SAN BERNARDINO COUNTY
 LAND DISPOSAL SITE [\(INFO\)](#)
 OPEN - OPERATING AS OF 12/5/2014 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY / CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 SANTA ANA RWQCB (REGION 8) ([LEAD](#)) - CASE #: 8 360303001
 CASEWORKER: [JOANNE LEE](#)

[Summary](#) [Cleanup Action Report](#) [Regulatory Activities](#) [Environmental Data \(ESI\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#)

* DENOTES A SUBMITTAL WAS AUTO-RECEIVED

Individual Well Analytical Data						
FIELD POINT NAME	FIELD POINT CLASS	MIN DEPTH TO WATER	MAX DEPTH TO WATER	DEPTH - TOP OF CASING TO WELL SCREEN	LENGTH OF WELL SCREEN	FIELD POINT DESCRIPTION
B-10C	Ambient drinking water aquifer monitoring well (NOT a remediation well)	149.10	240.04	150.31 feet	150 feet	MW
B-11	Ambient drinking water aquifer monitoring well (NOT a remediation well)	166.60	259.79	159.93 feet	160 feet	MW
B-12	Ambient drinking water aquifer monitoring well (NOT a remediation well)	169.70	262.47	159.88 feet	150 feet	MW
B-13	Ambient drinking water aquifer monitoring well (NOT a remediation well)	163.20	212.44	155.88 feet	150 feet	MW
B-13R	Ambient drinking water aquifer monitoring well (NOT a remediation well)	201.89	214.50	175 feet	40 feet	MW
B-14	Ambient drinking water aquifer monitoring well (NOT a remediation well)	160.40	254.42	144.9 feet	150 feet	MW
B-1C	Ambient drinking water aquifer monitoring well (NOT a remediation well)	148.90	243.19	136.34 feet	190 feet	MW
B-1C-A	Ambient drinking water aquifer monitoring well (NOT a remediation well)			136.34 feet	190 feet	MW
B-1C-B	Ambient drinking water aquifer monitoring well (NOT a remediation well)			136.34 feet	190 feet	MW
B-4R	Ambient drinking water aquifer monitoring well (NOT a remediation well)	131.80	226.55	116.93 feet	150 feet	MW
MW-1	Ambient drinking water aquifer monitoring well (NOT a remediation well)			250 feet	100 feet	
MW-2	Ambient drinking water aquifer monitoring well (NOT a remediation well)			250 feet	100 feet	
MW-3	Ambient drinking water aquifer monitoring well (NOT a remediation well)			240 feet	100 feet	
LCH-1	Leachate Sampling Point					LCH
LEACHATE	Leachate Sampling Point					
PH 1 SUMP	Leachate Sampling Point					
PH 2 SUMP	Leachate Sampling Point					
PH2 SUMP A	Leachate Sampling Point					LCH
PH2 SUMP B	Leachate Sampling Point					
L-1	Lysimeter Sampling Point					LYS
L-3	Lysimeter Sampling Point					LYS
L-4	Lysimeter Sampling Point					LYS
L-5	Lysimeter Sampling Point					LYS
B-DUP	QC					
DUP	QC					
DUPLICATE	QC					
QCAB	QCAB					
QCEB	QCEB					
FIELD BLANK	QCFB					
QCTB	QCTB					
TRIP BLANK	QCTB					
P-4A	Soil Gas					
S-1	Stream or Creek Sampling Point					
S-2	Stream or Creek Sampling Point					
SW-2	Stream or Creek Sampling Point					
CONDENSATE	Transient Subsurface Sampling Point (i.e. direct-push)					Condensate

TITLE	QUARTER	SUBMITTED BY	SUBMIT DATE
THIRD QUARTER (SUMMER) 2008	Q3 2008	ERIC WHITE	11/5/2008*
FIRST QUARTER (WINTER) 2009 AND 2008 ANNUAL...	Q3 2008	ERIC WHITE	4/29/2009*
FOURTH QUARTER (FALL) 2008	Q4 2008	ERIC WHITE	1/28/2009*
FOURTH QUARTER (FALL) 2008	Q4 2008	ERIC WHITE	1/28/2009*
FOURTH QUARTER (FALL) 2008	Q4 2008	ERIC WHITE	2/2/2009*
SECOND QUARTER (SPRING) 2009	Q2 2009	ERIC WHITE	8/4/2009*
SECOND QUARTER (SPRING) 2009	Q2 2009	ERIC WHITE	8/10/2009*
THIRD QUARTER (SUMMER) 2009 WATER QUALITY MONITORING...	Q3 2009	ERIC WHITE	10/23/2009*
FOURTH QUARTER (FALL) 2009 WATER QUALITY MONITORING REPORT...	Q4 2009	ERIC WHITE	2/1/2010*
FOURTH QUARTER (FALL) 2009 WATER QUALITY MONITORING REPORT...	Q4 2009	ERIC WHITE	2/1/2010*
FIRST (WINTER) QUARTER 2010 AND ANNUAL SUMMARY...	Q1 2010	ERIC WHITE	4/30/2010*
FIRST (WINTER) QUARTER 2010 AND ANNUAL SUMMARY...	Q1 2010	ERIC WHITE	4/30/2010*
FIRST (WINTER) QUARTER 2010 AND ANNUAL SUMMARY...	Q1 2010	ERIC WHITE	4/30/2010*
THIRD QUARTER (SUMMER) 2010 WATER QUALITY MONITORING REPORT...	Q3 2010	ERIC WHITE	10/27/2010*
FOURTH QUARTER (FALL) 2010 WATER QUALITY MONITORING REPORT...	Q4 2010	ERIC WHITE	1/28/2011*
FOURTH QUARTER (FALL) 2010 WATER QUALITY MONITORING...	Q4 2010	ERIC WHITE	1/31/2011*
FIRST QUARTER (WINTER) 2011/ANNUAL SUMMARY WATER QUALITY MON...	Q1 2011	ERIC WHITE	4/19/2011*
FIRST QUARTER (WINTER) 2011/ANNUAL SUMMARY WATER QUALITY MON...	Q1 2011	ERIC WHITE	4/19/2011*
SECOND QUARTER (SPRING) 2011 WATER QUALITY MONITORING...	Q2 2011	ERIC WHITE	8/1/2011*
SECOND QUARTER (SPRING) 2011 WATER QUALITY MONITORING...	Q2 2011	ERIC WHITE	8/1/2011*
SECOND QUARTER (SPRING) 2011 WATER QUALITY MONITORING...	Q2 2011	ERIC WHITE	8/2/2011*
THIRD QUARTER (SUMMER) 2011 WATER QUALITY MONITORING...	Q3 2011	ERIC WHITE	10/27/2011
THIRD QUARTER (SUMMER) 2011 WATER QUALITY MONITORING...	Q3 2011	ERIC WHITE	10/27/2011
WATER QUALITY MONITORING FOURTH QUARTER 2011...	Q4 2011	ERIC WHITE	1/30/2012
WATER QUALITY MONITORING FOURTH QUARTER 2011...	Q4 2011	ERIC WHITE	1/30/2012
WATER QUALITY MONITORING REPORT FIRST QUARTER 2012...	Q1 2012	ERIC WHITE	4/24/2012*
SECOND QUARTER (SPRING) 2012 WATER QUALITY MONITORING...	Q2 2012	ERIC WHITE	7/30/2012
SECOND QUARTER (SPRING) 2012 WATER QUALITY MONITORING...	Q2 2012	ERIC WHITE	7/30/2012
THIRD QUARTER 2013 WATER QUALITY MONITORING...	Q3 2013	ERIC WHITE	10/31/2013*
FOURTH QUARTER (FALL) 2013 WATER QUALITY MONITORING...	Q4 2013	ERIC WHITE	1/31/2014*
FOURTH QUARTER (FALL) 2013 WATER QUALITY MONITORING...	Q4 2013	ERIC WHITE	1/31/2014*
FOURTH QUARTER (FALL) 2013 WATER QUALITY MONITORING...	Q4 2013	ERIC WHITE	1/31/2014*
FOURTH QUARTER (FALL) 2013 WATER QUALITY MONITORING...	Q4 2013	ERIC WHITE	1/31/2014*
FIRST QUARTER 2014/ANNUAL SUMMARY WATER QUALITY MONITORING...	Q1 2014	ERIC T. LINDBERG	5/1/2014
FIRST QUARTER 2014/ANNUAL SUMMARY WATER QUALITY MONITORING...	Q1 2014	ERIC T. LINDBERG	5/1/2014
SECOND QUARTER (SPRING) 2014 WATER QUALITY MONITORING...	Q2 2014	ERIC T. LINDBERG	7/31/2014
SECOND QUARTER (SPRING) 2014 WATER QUALITY MONITORING...	Q2 2014	ERIC T. LINDBERG	7/31/2014
THIRD QUARTER (SUMMER) 2014 WATER QUALITY MONITORING...	Q3 2014	GEO-LOGIC ASSOCIATES	10/22/2014
THIRD QUARTER (SUMMER) 2014 WATER QUALITY MONITORING...	Q3 2014	GEO-LOGIC ASSOCIATES	10/22/2014
FOURTH QUARTER 2014 WATER QUALITY MONITORING...	Q4 2014	GEO-LOGIC ASSOCIATES	1/9/2015
FOURTH QUARTER 2014 WATER QUALITY MONITORING...	Q4 2014	GEO-LOGIC ASSOCIATES	1/9/2015
FOURTH QUARTER 2014 WATER QUALITY MONITORING...	Q4 2014	GEO-LOGIC ASSOCIATES	1/9/2015
FIRST QUARTER 2015/ANNUAL SUMMARY WATER QUALITY MONITORING...	Q1 2015	GEO-LOGIC ASSOCIATES	4/30/2015
SECOND QUARTER 2015 WATER QUALITY MONITORING...	Q2 2015	GEO-LOGIC ASSOCIATES	7/31/2015
SECOND QUARTER 2015 WATER QUALITY MONITORING...	Q2 2015	GEO-LOGIC ASSOCIATES	8/6/2015
SECOND QUARTER 2015 WATER QUALITY MONITORING...	Q2 2015	GEO-LOGIC ASSOCIATES	8/6/2015
THIRD QUARTER (SUMMER) 2015 WATER QUALITY MONITORING...	Q3 2015	GEO-LOGIC ASSOCIATES	10/19/2015
THIRD QUARTER (SUMMER) 2015 WATER QUALITY MONITORING...	Q3 2015	GEO-LOGIC ASSOCIATES	10/19/2015
FOURTH QUARTER 2015 GROUNDWATER MONITORING REPORT...	Q4 2015	GEO-LOGIC ASSOCIATES	1/28/2016*
FOURTH QUARTER 2015 GROUNDWATER MONITORING REPORT...	Q4 2015	GEO-LOGIC ASSOCIATES	1/28/2016*
FOURTH QUARTER 2015 GROUNDWATER MONITORING REPORT...	Q4 2015	GEO-LOGIC ASSOCIATES	1/28/2016*
FOURTH QUARTER 2015 GROUNDWATER MONITORING REPORT...	Q4 2015	GEO-LOGIC ASSOCIATES	1/28/2016*

THIRD QUARTER 2020 CALIFORNIA STREET LANDFILL WATER QUALITY ...	Q3 2020	GEO-LOGIC ASSOCIATES	10/30/2020	VIEW NARRATIVE DATA
FOURTH QUARTER 2020 WATER QUALITY MONITORING REPORT...	Q4 2020	GEO-LOGIC ASSOCIATES	12/21/2020	
FOURTH QUARTER 2020 WATER QUALITY MONITORING REPORT...	Q4 2020	GEO-LOGIC ASSOCIATES	12/21/2020	VIEW NARRATIVE DATA
FOURTH QUARTER 2020 WATER QUALITY MONITORING REPORT...	Q4 2020	GEO-LOGIC ASSOCIATES	12/21/2020	VIEW NARRATIVE DATA
FOURTH QUARTER 2020 WATER QUALITY MONITORING REPORT...	Q4 2020	GEO-LOGIC ASSOCIATES	1/27/2021	VIEW NARRATIVE DATA
FIRST QUARTER 2021 MONITORING PERIOD AND 2020 ANNUAL SUMMARY...	Q1 2021	GEO-LOGIC ASSOCIATES	4/30/2021	
FIRST QUARTER 2021 MONITORING PERIOD AND 2020 ANNUAL SUMMARY...	Q1 2021	GEO-LOGIC ASSOCIATES	4/30/2021	VIEW NARRATIVE DATA
FIRST QUARTER 2021 LEACHATE TREATMENT SYSTEM WATER QUALITY M...	Q1 2021	GEO-LOGIC ASSOCIATES	4/30/2021	VIEW NARRATIVE DATA
SECOND QUARTER 2021 WATER QUALITY MONITORING REPORT...	Q2 2021	GEO-LOGIC ASSOCIATES	7/28/2021	VIEW NARRATIVE DATA
SECOND QUARTER 2021 WATER QUALITY MONITORING REPORT...	Q2 2021	GEO-LOGIC ASSOCIATES	7/28/2021	
SECOND QUARTER 2021 WATER QUALITY MONITORING REPORT...	Q2 2021	GEO-LOGIC ASSOCIATES	7/28/2021	VIEW NARRATIVE DATA
SECOND QUARTER 2021 WATER QUALITY MONITORING REPORT...	Q2 2021	GEO-LOGIC ASSOCIATES	7/28/2021	VIEW NARRATIVE DATA
SECOND QUARTER (SPRING) 2010 WATER QUALITY MONITORING...		ERIC WHITE	8/16/2010*	

Well Latitude / Longitude Data (GEO_XY)

[EXPORT ALL GEO_XY DATA FOR THIS CASE TO EXCEL](#)

TITLE	SUBMITTED BY	SUBMIT DATE
CALIFORNIA STREET GWM	ERIC WHITE	10/28/2008*
CALIFORNIA STREET LANDFILL GWM	GEO-LOGIC ASSOCIATES	7/17/2019*

Well Survey Data (GEO_Z)

[EXPORT ALL GEO_Z DATA FOR THIS CASE TO EXCEL](#)

TITLE	SUBMITTED BY	SUBMIT DATE
CALIFORNIA STREET GWM	ERIC WHITE	10/28/2008*

Well Depth to Water Data (GEO_WELL)

[EXPORT ALL GEO_WELL DATA FOR THIS CASE TO EXCEL](#)

TITLE	SUBMITTED BY	SUBMIT DATE
THIRD QUARTER (SUMMER) 2008	ERIC WHITE	10/25/2008*
FOURTH QUARTER (FALL) 2008	ERIC WHITE	1/28/2009*
FIRST QUARTER (WINTER) 2009 AND 2008 ANNUAL...	ERIC WHITE	4/29/2009*
SECOND QUARTER (SPRING) 2009	ERIC WHITE	8/13/2009*
THIRD QUARTER (SUMMER) 2009 WATER QUALITY MONITORING...	ERIC WHITE	10/21/2009*
FOURTH QUARTER (FALL) 2009 WATER QUALITY MONITORING REPORT...	ERIC WHITE	1/29/2010*
FIRST QUARTER (WINTER) 2010 AND ANNUAL SUMMARY WATER QUALITY...	ERIC WHITE	4/29/2010*
SECOND QUARTER (SPRING) 2010 WATER QUALITY MONITORING REPORT...	ERIC WHITE	8/16/2010*
THIRD QUARTER (SUMMER) 2010 WATER QUALITY MONITORING REPORT...	ERIC WHITE	10/27/2010*
FOURTH QUARTER (FALL) 2010 WATER QUALITY MONITORING REPORT...	ERIC WHITE	1/28/2011*
FIRST QUARTER (WINTER) 2011/ANNUAL SUMMARY WATER QUALITY MON...	ERIC WHITE	4/19/2011*
SECOND QUARTER (SPRING) 2011 WATER QUALITY MONITORING...	ERIC WHITE	8/1/2011*
THIRD QUARTER (SUMMER) 2011 WATER QUALITY MONITORING...	ERIC WHITE	10/27/2011
WATER QUALITY MONITORING FOURTH QUARTER 2011...	ERIC WHITE	1/30/2012
WATER QUALITY MONITORING REPORT FIRST QUARTER 2012...	ERIC WHITE	4/24/2012*
SECOND QUARTER (SPRING) 2012 WATER QUALITY MONITORING...	ERIC WHITE	7/30/2012
THIRD QUARTER 2013 WATER QUALITY MONITORING...	ERIC WHITE	10/31/2013*
FOURTH QUARTER (FALL) 2013 WATER QUALITY MONITORING...	ERIC WHITE	1/31/2014*
FIRST QUARTER 2014/ANNUAL SUMMARY WATER QUALITY MONITORING...	ERIC T. LINDBERG	5/1/2014*
SECOND QUARTER (SPRING) 2014 WATER QUALITY MONITORING...	ERIC T. LINDBERG	7/31/2014*

FOURTH QUARTER 2014 WATER QUALITY MONITORING...	GEO-LOGIC ASSOCIATES	1/9/2015*
FIRST QUARTER 2015/ANNUAL SUMMARY WATER QUALITY MONITORING...	GEO-LOGIC ASSOCIATES	4/30/2015
SECOND QUARTER 2015 WATER QUALITY MONITORING...	GEO-LOGIC ASSOCIATES	7/31/2015*
THIRD QUARTER (SUMMER) 2015 WATER QUALITY MONITORING...	GEO-LOGIC ASSOCIATES	10/19/2015*
FOURTH QUARTER 2015 GROUNDWATER MONITORING REPORT...	GEO-LOGIC ASSOCIATES	1/28/2016*
WATER QUALITY MONITORING REPORT - FIRST QUARTER (WINTER) 201...	GEO-LOGIC ASSOCIATES	4/29/2016
SECOND QUARTER 2016 WATER QUALITY MONITORING...	GEO-LOGIC ASSOCIATES	7/26/2016*
THIRD QUARTER 2016 WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	10/31/2016
FOURTH QUARTER 2016 - WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	1/30/2017*
FIRST QUARTER 2017/ANNUAL SUMMARY - WATER QUALITY MONITORING...	GEO-LOGIC ASSOCIATES	4/28/2017
SECOND QUARTER 2017 - WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	7/31/2017*
THIRD QUARTER 2017 WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	10/31/2017
FOURTH QUARTER 2017 WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	1/31/2018
FIRST QUARTER 2018 WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	4/5/2018
SECOND QUARTER 2018 WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	7/30/2018
THIRD QUARTER (SUMMER) 2018 WATER QUALITY MONITORING...	GEO-LOGIC ASSOCIATES	10/30/2018
FOURTH QUARTER 2018 WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	1/29/2019*
FIRST QUARTER 2019 WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	4/19/2019
SECOND QUARTER 2019 WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	7/30/2019*
THIRD QUARTER 2019 WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	10/30/2019
FOURTH QUARTER 2019 WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	1/15/2020
FIRST QUARTER 2020 AND 2019 ANNUAL SUMMARY WATER QUALITY MON...	GEO-LOGIC ASSOCIATES	4/28/2020
2Q2020 WATER QUALITY MONITORING REPORT	GEO-LOGIC ASSOCIATES	7/29/2020
THIRD QUARTER 2020 CALIFORNIA STREET LANDFILL WATER QUALITY ...	GEO-LOGIC ASSOCIATES	10/30/2020
FOURTH QUARTER 2020 WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	12/21/2020
FIRST QUARTER 2021 MONITORING PERIOD AND 2020 ANNUAL SUMMARY...	GEO-LOGIC ASSOCIATES	4/30/2021
SECOND SEMIANNUAL 2021 WATER QUALITY MONITORING REPORT...	GEO-LOGIC ASSOCIATES	7/28/2021

**CASE SUMMARY**

REPORT DATE HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATIONFACILITY NAME

CALIFORNIA STREET LANDFILL

FACILITY ADDRESS

2151 NEVADA

REDLANDS, CA 92373

SAN BERNARDINO COUNTY

FACILITY IDORIENTATION OF SITE TO STREETCROSS STREET**V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN**

PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)

VI. DISCOVERY/ABATEMENTDATE DISCHARGE BEGANDATE DISCOVEREDHOW DISCOVEREDDESCRIPTIONDATE STOPPEDSTOP METHODDESCRIPTION**VII. SOURCE/CAUSE**SOURCE OF DISCHARGECAUSE OF DISCHARGEDISCHARGE DESCRIPTION**VIII. CASE TYPE**CASE TYPE**IX. REMEDIAL ACTION**

NO REMEDIAL ACTIONS ENTERED

X. GENERAL COMMENTS

SITE HISTORY

The City of Redlands is conducting Detection Monitoring Program for groundwater monitoring at the site.

The California Street Landfill is an approximately 115-acre, active Class III landfill owned and operated by the City of Redlands, and includes the original 63-acre unlined portion and the approximately 52-acre lined expansion area. The facility is located in the northeastern portion of the San Bernardino Valley, along a reach of the southern bank of the Santa Ana River channel approximately 3.5 miles northwest of the City of Redlands in southeastern San Bernardino County. The landfill is located at 2151 Nevada Street, Redlands, California, 92373, in the northern half of the northeast portion of Section 17, Township I South, Range 3 West, San Bernardino Baseline and Meridian.

From 1963 until present, the CSL has accepted municipal solid wastes generated within the City of Redlands consisting primarily of residential, commercial, and industrial waste, with a minor fraction of dried sewage sludge from the City's wastewater treatment

plant located adjacent to the CSL. No designated or hazardous wastes were knowingly accepted for on-site disposal. Groundwater beneath the CSL is impacted by perchlorate, tetrachloroethene (PCE), trichloroethene (TCE), and 1,2-dibromo-3-chloropropane (DBCP). On March 8, 2004, the City submitted a report, as required under Contingency Response D.6.a.ii of Order No. 98-99, which demonstrated that all groundwater impacts originated from sources other than the landfill (3D GeoServices, 2004).

GEOLOGIC SETTING

The CSL is located within the eastern portion of the Transverse Ranges Geomorphic Province of California within the structurally down-dropped San Bernardino Valley structural block. This structural block is bounded to the north and south by the San Andreas and San Jacinto faults, respectively, and consists of over 1,000 feet of alluvium derived from the adjacent San Bernardino and San Gabriel Mountains delivered to the valley floor by coalescing streams flowing from the upland areas. The maximum thickness of alluvium in the area is estimated to be greater than 1,200 feet approximately one mile northwest of the landfill. The maximum thickness of alluvium beneath the landfill is greater than 700 feet (RWQCB, 2008). Ground surface elevations range from 955 feet above mean sea level (amsl) on the western end of the site to 1,040 feet amsl on the eastern end.

SITE HYDROGEOLOGIC SETTING

The CSL is situated along the southern bank of Reach 5 of the Santa Ana River channel, within the Upper Santa Ana River Hydrologic Area, in the Mill Creek Hydrologic Sub-Area of the Santa Ana River Watershed (Santa Ana Hydrologic Basin). No natural lakes or other bodies of standing water, ephemeral seeps, or springs occur at the site.

Groundwater beneath the CSL occurs at approximately 166 to 203 feet below ground surface (bgs) within alluvial deposits. Historical groundwater elevation measurements indicate that groundwater flows to the west at an average hydraulic gradient of approximately 0.01 foot per foot (ft/ft).

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER

REGIONAL BOARD CASE NUMBER

8 360303001

LOCAL AGENCY

UNKNOWN

REGIONAL BOARD

<u>CONTACT NAME</u>	<u>INITIALS</u>	<u>ORGANIZATION NAME</u>	<u>EMAIL ADDRESS</u>
JOANNE LEE	JPL	SANTA ANA RWQCB (REGION 8)	joanne.lee@waterboards.ca.gov
<u>ADDRESS</u>		<u>CONTACT DESCRIPTION</u>	
3737 MAIN STREET, SUITE 500 RIVERSIDE, CA 92501-3339		THE CONTACT ADDRESS IS THE BUSINESS ADDRESS	
<u>PHONE TYPE</u>	<u>PHONE NUMBER</u>	<u>EXTENSION</u>	
VOICE	(951)-782-3291		

[Back to Top](#)

[Conditions of Use](#)

[Privacy Policy](#)

[Accessibility](#)

[Contact Us](#)

Copyright © 2021 State of California

2151 NEVADA
 REDLANDS, CA 92373
 SAN BERNARDINO COUNTY
 LAND DISPOSAL SITE (INFO)
 OPEN - OPERATING AS OF 12/5/2014 - DEFINITION
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 SANTA ANA RWQCB (REGION 8) (LEAD) - CASE #: 8 360303001
 CASEWORKER: [JOANNE LEE](#)

Summary Cleanup Action Report Regulatory Activities Environmental Data (ESI) Site Maps / Documents Community Involvement Related Cases

Regulatory Activities		Action Type Filter:	<input type="text" value="Show All Activities"/> <input type="button" value="Go"/>	* Indicates a revised due date	
	ACTION TYPE	ACTION	ACTION DATE	RECEIVED / ISSUE DATE	TITLE / DESCRIPTION / COMMENTS
VIEW DOCS	Other Regulatory Actions	Staff Letter	5/27/2021	5/27/2021	CONDITIONAL APPROVAL FOR ACCEPTANCE OF TREATED WOOD WASTE AT CALIFORNIA STREET LANDFILL
VIEW DOCS	Response Requested - Reports	Joint Technical Document	3/29/2021	3/29/2021	Joint Technical Document 36-AA-0017 (April 2008 Report of Facility Information, Amended June 2013, Amended October 2018 Amended September 2019)
VIEW DOCS	Other Regulatory Actions	Email Correspondence	11/5/2020	11/5/2020	20-11-05 WBR EMAIL RE SUFFICIENT INTERFACE TESTING for Ph 4 EXPANS PROJ
VIEW DOCS	Other Regulatory Actions	Email Correspondence	4/30/2020	4/30/2020	Review of CSL Phase 4 Reports for Geomembrane Electronic Leak Location Survey and for Slope Stability Verification
VIEW DOCS	Response Requested - Reports	Engineering Design Report	4/6/2020	4/6/2020	Geomembrane Electronic Leak Location Survey for Phase 4 Expansion
VIEW DOCS	Response Requested - Other	Other Report / Document	3/31/2020	3/31/2020	California Street Landfill (SWIS# 36-AA-0017) Temporary Waiver of Terms - Stipulated Agreement
VIEW DOCS	Response Requested - Other	Correspondence	11/5/2019	11/5/2019	Preliminary Closure/PCMP, NWCAP, Financial Assurance Cost Estimates
VIEW DOCS	Response Requested - Other	Correspondence	11/5/2019	11/5/2019	Preliminary Closure/PCMP, NWCAP, Financial Assurance Cost Estimates
VIEW DOCS	Response Requested - Reports	Engineering Design Report	4/19/2019	4/19/2019	FIRST DRAFT DESIGN REPORT FOR PHASE 4 EXPANSION
VIEW DOCS	Response Requested - Other	Other Report / Document	7/31/2017	7/28/2017	Second Quarter 2017 Water Quality Monitoring Report (PFAS analytical results are included in the report)
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other - #Order No. 81-172	2/13/2017	2/13/2017	Collection of Documents for California Street Landfill from 1992 to 1994
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	1/26/2017	1/26/2017	RB8 Approval Ltr for PFAS Monit Plan
VIEW DOCS	Enforcement/Orders	Amendment to Order	10/28/2016	10/28/2016	WDR Amendment for for Active Nonhazardous Municipal Solid Waste (Class III) Landfills Within the Santa Ana Region for Acceptance of Nonhazardous Contaminated Soils and Certain Waste/Waste-Derived Materials for Disposal or Beneficial Reuse
VIEW DOCS	Enforcement/Orders	PFAS Order	10/7/2016	10/7/2016	RB8 Letter Requesting WPlan for PFAS Monit at Calif Street Lf *A 13267 PFAS Order was not issued to this facility. This action was assigned for data management purposes only. The RP was issued a request by the Santa Ana RWQCB to sample for PFAS and complied voluntarily.
VIEW DOCS	Response Requested - Workplans	Water and Leachate Investigation Workplan - Regulator Responded	10/7/2016	10/7/2016	
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	9/3/2014	9/3/2014	Waste Acceptance Program
VIEW DOCS	Response Requested - Reports	Monitoring Report - Quarterly	7/30/2014	7/30/2014	Quarterly Water Quality Monitoring Report
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	6/30/2014	6/30/2014	Waste Acceptance Program_1
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	4/2/2014	4/2/2014	Non-Water Release Corrective Action Plan
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	3/27/2014	3/27/2014	California Street-6 4th Quarter 2013 SMR
VIEW DOCS	Response Requested - Reports	CAP/RAP - Other Report	3/7/2014	3/7/2014	Non-Water Release Corrective Action Plan
VIEW DOCS	Other Regulatory Actions	Site Visit / Inspection / Sampling	1/13/2014	1/13/2014	1-13-14 Inspection Report
VIEW DOCS	Response Requested - Reports	Well Installation Report	9/5/2013	9/5/2013	Well B-13R Installation Report
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	1/17/2013	1/17/2013	Approval of Workplan for Installation of Monitoring Well B-13R
VIEW DOCS	Other Regulatory Actions	Site Visit / Inspection / Sampling	12/4/2012	12/4/2012	Inspection Report 12-4-12
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	8/9/2012	8/9/2012	California Street-3 Phase 3 Alternative Liner Design

[VIEW DOCS]	<i>Other Regulatory Actions</i>	Staff Letter	7/12/2011	7/12/2011	JTD MODIFICATION TO INCREASE THE USE OF ADC
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Staff Letter	1/14/2011	1/14/2011	Acceptance letter of City responses to Notice of Violation (dated February 25, 2010)
[VIEW DOCS]	<i>Response Requested - Reports</i>	Engineering Design Report	1/5/2011	1/5/2011	Leachate Management Plan for the California Street Landfill
	<i>Response Requested - Reports</i>	Monitoring Report - Quarterly	10/31/2010	10/29/2010	Q3 2010 WQMP - To Ed Kashak on 11/2/10.
[VIEW DOCS]	<i>Enforcement/Orders</i>	Notice of Violation	10/28/2010	10/28/2010	CSL Comments on City Response to NOV
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Staff Letter	10/28/2010	10/28/2010	COMMENTS ON CITY RESPONSES TO NOTICE OF VIOLATION, ORDER NO. R8-2004-0008
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Staff Letter	10/28/2010	10/28/2010	COMMENTS ON CITY RESPONSES TO NOTICE OF VIOLATION ORDER NO. R8-2004-0008
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	6/30/2010	6/30/2010	CSL First Q 2010 SMR
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Staff Letter	6/30/2010	6/30/2010	FIRST QUARTER (WINTER) 2010 AND ANNUAL SUMMARY WATER QUALITY MONITORING REPORT
[VIEW DOCS]	<i>Enforcement/Orders</i>	Notice of Violation	5/27/2010	5/27/2010	CSL NOV Comments
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Staff Letter	5/27/2010	5/27/2010	COMMENTS ON RESPONSES TO NOTICE OF VIOLATION, ORDER NO. R8-2004-0008
[VIEW DOCS]	<i>Enforcement/Orders</i>	Notice of Violation	2/25/2010	2/25/2010	CSL NOV
[VIEW DOCS]	<i>Enforcement/Orders</i>	Rescission of Enforcement Action	2/25/2010	2/25/2010	NOTICE OF VIOLATION OF WASTE DISCHARGE REQUIREMENTS, ORDER NO. R8-2004-0008
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	6/24/2009	6/24/2009	CSL Approval of Phase 2 Liner Expansion
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Staff Letter	1/28/2009	1/28/2009	APPROVAL OF PHASE 2 LINER EXPANSION AREA
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	10/27/2008	10/27/2008	CSL Approval of Alternative Liner Design
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	8/28/2008	8/28/2008	CSL Approval of 2008 JTD
[VIEW DOCS]	<i>Response Requested - Reports</i>	Joint Technical Document	4/1/2008	4/1/2008	JTD
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	6/5/2007	6/5/2007	CSL CEQA Approach
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	1/26/2006	1/26/2006	CSL Mountain View Filter Cake Disposal
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	11/7/2005	11/7/2005	CSL Use of Greenwaste as ADC
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	9/21/2005	9/21/2005	CSL Processed Green Waste as ADC
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	6/27/2005	6/27/2005	CSL TWW General Letter
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	3/30/2005	3/30/2005	CSL Partial Final Closure East Side
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Staff Letter	3/30/2005	3/30/2005	PARTIAL FINAL CLOSURE PLAN AND POSTCLOSURE MAINTENANCE PLAN
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	12/14/2004	12/14/2004	CSL Approval of Documents and Specifications East Side
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Staff Letter	12/14/2004	12/14/2004	APPROVAL OF CONTRACT DOCUMENTS AND SPECIFICATIONS
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	11/18/2004	11/18/2004	CSL Comments on Partial Final Closure
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Staff Letter	11/18/2004	11/18/2004	COMMENTS ON THE PARTIAL FINAL CLOSURE PLAN
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	9/29/2004	9/29/2004	CSL Final CQA Phase 1 Approval
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Staff Letter	9/9/2004	9/9/2004	APPROVAL OF FINAL CONSTRUCTION DOCUMENT REPORT FOR PHASE 1
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	8/5/2004	8/5/2004	CSL VOC in Background Wells
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	6/9/2004	6/9/2004	CSL Phase 1 Liner Approval
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Staff Letter	6/9/2004	6/9/2004	APPROVAL OF PHASE 1 LINER EXPANSION AREA
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	5/19/2004	5/19/2004	CSL Approval of Design Change 3 for Phase 1
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	4/1/2004	4/1/2004	CSL Tentative Order R8-2004-0008

[VIEW DOCS]	Other Regulatory Actions	Staff Letter	3/13/2004	3/13/2004	APPROVAL OF PROPOSED AMENDMENTS TO THE DESIGN REPORT
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	3/9/2004	3/9/2004	CSL Approval of Design Change for Phase 1
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	1/12/2004	1/12/2004	CSL VOC in Background
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	1/12/2004	1/12/2004	ORGANIC COMPOUND DETECTION IN BACKGROUND WELLS AT CALIFORNIA ST LF
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	8/29/2003	8/29/2003	CSL Approval of Phase 1 Expansion CQA
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	8/21/2003	8/21/2003	CSL Abandonment of William Daniels Well
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	8/21/2003	8/21/2003	DECOMMISSIONING OF THE WILLIAMS-DANIELS WELL
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	7/29/2003	7/29/2003	APPROVAL OF CONSTRUCTION DOCUMENTS AND THE CQA PLAN
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	7/1/2003	7/1/2003	CSL JTD For Proposed Expansion
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	7/1/2003	7/1/2003	JOINT JTD APPLICATION FOR THE PROPOSED EXPANSION_CALIFORNIA ST LF(2)
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	7/1/2003	7/1/2003	CSL JTD Completeness
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	5/16/2003	5/16/2003	CSL Approval of Corrective Action Cost Estimate
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	5/16/2003	5/16/2003	APPROVAL OF CORRECTIVE ACTION COST ESTIMATES FOR KNOWN OR REASONABLY FORESEEABLE RELEASE
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	5/6/2003	5/6/2003	CSL Waiver of WDRs for Well Purge Water
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	3/21/2003	3/21/2003	CSL Corrective Action Cost Estimate
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	3/13/2003	3/13/2003	CSL New Monitoring Well Design Report
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	3/10/2003	3/10/2003	JTD APPLICATION FOR THE PROPOSED EXPANSION_CALIFORNIA ST LF(1)
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	12/30/2002	12/30/2002	CSL Monitoring Well Design Approval
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	12/30/2002	12/30/2002	Approval of the Design Report for Monitoring Well Installation
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	10/10/2002	10/10/2002	Cleanup and Abatement Order No. R8-2002-0092
[VIEW DOCS]	Enforcement/Orders	Clean-up and Abatement Order	10/10/2002	10/10/2002	CAO No. R8-2002-0092
[VIEW DOCS]	Enforcement/Orders	13267 Requirement	9/26/2002	9/26/2002	Request for Information on Radioactive Wastes from Landfills in SB County
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	4/4/2002	4/4/2002	PRELIMINARY DESIGN REPORT FOR THE PROPOSED LATERAL EXPANSION OF CALIFORNIA ST LF
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	2/21/2002	2/21/2002	Request for Reconsideration of Proposed EMP
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	1/23/2002	1/23/2002	REQUEST FOR APPROVAL OF ALTERNATIVE INTERMEDIATE COVER
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	1/22/2002	1/22/2002	Draft Environmental Impact Report Review
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	9/7/2000	9/7/2000	REQUEST FOR FURTHER INVESTIGATION AND INSTALLATION OF ADDITIONAL WELLS
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	7/31/2000	7/31/2000	CONDITIONAL APPROVAL, ALTERNATIVE IMMEDIATE COVER PROPOSAL
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	9/9/1999	9/9/1999	MONITORING PROGRAM DETAILED REVIEW FOR THE CALIFORNIA STREET
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	7/16/1999	7/16/1999	JTD, Preliminary Closure Plan and Post-Closure Maintenance Plan and EMP Review
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	5/19/1999	5/19/1999	APPROVAL OF ATTENUATED CONSTITUENTS OF CONCERN SCAN_CALIFORNIA STREET
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	5/17/1999	5/17/1999	OPTIONAL DEMONSTRATION AS PART OF EVALUATION MONITORING_CALIFORNIA STREET
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	4/5/1999	4/5/1999	APPROVAL TO DISCONTINUE GROUNDWATER SAMPLING OF WELL B-3A_CALIFORNIA ST
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	3/11/1999	3/11/1999	APPROVAL TO DISCONTINUE GAS CONDENSATE SAMPLING
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	3/11/1999	3/11/1999	APPROVAL TO DISCONTINUE GAS CONDENSATE SAMPLING
[VIEW DOCS]	Other Regulatory Actions	Staff Letter	3/8/1999	3/8/1999	CONSIDERATION OF AN EVALUATION MONITORING PROGRAM (EMP)_California St
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	9/4/1998	9/4/1998	Request to Continue Detection Monitoring
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	8/24/1998	8/24/1998	Discontinuation of Perchlorate Monitoring
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	8/7/1998	8/7/1998	Blanket Amendment to the WDRs and MRPs
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	7/6/1998	7/6/1998	Detection of Perchlorate

VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	7/6/1998	7/6/1998	Detection of VOCs
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	3/31/1998	3/31/1998	Request to Decommission Lysimeter L-2
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	12/11/1997	12/11/1997	Approval of Preliminary Closure and Post-Closure Maintenance Plans
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	7/21/1997	7/21/1997	Request to Discontinue Sampling for Dissolved Metals
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	6/27/1997	6/27/1997	Request to Continue Detection Monitoring
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	5/12/1997	5/12/1997	Help Model and Slope Stability Analyses, Vertical Expansion Design
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	3/3/1997	3/3/1997	Request to Discontinue Further Implementation of the EMP
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	1/22/1997	1/22/1997	Request for Reduction in Groundwater Samples
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	1/11/1997	1/11/1997	Site Inspection
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	12/6/1996	12/6/1996	Site Inspection
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	8/26/1996	8/26/1996	Approval of Preliminary Closure and Post-Closure Maintenance Plans
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	6/5/1996	6/5/1996	Groundwater Monitoring and Reporting Program Order No. 81-172
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	3/22/1996	3/22/1996	Initiation of Enforcement Action for Violation of WDRs, Order No. 81-172 and Drainage and Erosion Control Requirements, WDR Order No. 94-17
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	12/4/1995	12/4/1995	EMP Amendment
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	11/29/1995	11/29/1995	Time Extension for Slope Repair Work
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	11/16/1995	11/16/1995	Site Inspection
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	9/29/1995	9/29/1995	Alternative Daily Cover Demonstration Project Approval
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	4/22/1995	4/22/1995	Impacts of California Budget Constraints on Revisions of WDRs
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	4/17/1995	4/17/1995	Demonstration Project for Use of Alternative Daily Cover
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	3/7/1994	3/7/1994	Inspection Results
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	1/24/1994	1/24/1994	Final Revised Monitoring and Reporting Program, Order No. 81-172
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	9/17/1993	9/17/1993	Transmittal of Adopted Order, Order No. 93-57
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	8/26/1993	8/26/1993	Draft Copy of Order No. 81-172
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	8/17/1993	8/17/1993	Tentative Order No. 93-57
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	7/13/1993	7/13/1993	Implementation of Subtitle D
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	4/27/1993	4/27/1993	State Adoption of Subtitle D Requirements
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	4/2/1993	4/2/1993	Revised Initial Study
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	3/12/1993	3/12/1993	Approval of Monitoring Well Installation Report
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	3/5/1993	3/5/1993	Geosynthetic Liner Seminar
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	12/11/1992	12/11/1992	Deferral of Storm Drain Pipe Construction Schedule
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	10/21/1992	10/21/1992	Inclusion of Drainage and Erosion Control CAO in Revised WDRs

[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	8/27/1992	8/27/1992	Status Update on Cleanup and Abatement Orders
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	6/16/1992	6/16/1992	Compliance Status with Cleanup and Abatement Order No. 91-97
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	4/18/1992	4/18/1992	Cleanup and Abatement Order No. 91-97
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	1/31/1992	1/31/1992	Cleanup and Abatement Order Compliance Inspection
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	10/23/1991	10/23/1991	Cleanup and Abatement Order No. 91-97 Workplan Modifications
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	10/7/1991	10/7/1991	Additional Monitoring Well Proposal
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	7/12/1991	7/12/1991	Cleanup and Abatement Order Compliance Dates
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	6/24/1991	6/24/1991	Cleanup and Abatement Orders
[VIEW DOCS]	Referral to Other Agency	Referral to Other State Agency	6/12/1991	6/12/1991	Issuance of Cleanup and Abatement Orders
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	5/23/1991	5/23/1991	Tentative Cease and Desist Order 91-68
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	5/21/1991	5/21/1991	WDR Violation
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	12/12/1990	12/12/1990	Monitoring and Reporting Program
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	9/18/1990	9/18/1990	Pre-Winter Inspection
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	8/15/1988	8/15/1988	Groundwater Monitoring
[VIEW DOCS]	Response Requested - Reports	Site Assessment Report	1/29/1988	1/29/1988	CALIFORNIA STREET LANDFILL SOLID WASTE ASSESSMENT REPORT (SWAT)
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	4/21/1986	4/21/1986	Proposed Groundwater Monitoring Plan
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	1/14/1986	1/14/1986	Request to Modify Phasing of Landfill Operations
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	5/10/1985	5/10/1985	Capping of the Eastern Portion of the Landfill
[VIEW DOCS]	Other Regulatory Actions	Technical Correspondence / Assistance / Other	4/11/1985	4/11/1985	Site Inspection



STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CALIFORNIA STREET LANDFILL (L10004733296) - ([MAP](#))

[SIGN UP FOR EMAIL](#)

2151 NEVADA
 REDLANDS, CA 92373
 SAN BERNARDINO COUNTY
 LAND DISPOSAL SITE ([INFO](#))
 OPEN - OPERATING AS OF 12/5/2014 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY / CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 SANTA ANA RWQCB (REGION 8) ([LEAD](#)) - CASE #: 8
 CASEWORKER: [JOANNE LEE](#)

[Summary](#)
 [Cleanup Action Report](#)
 [Regulatory Activities](#)
 [Environmental Data \(ES\)](#)
 [Site Maps / Documents](#)
 [Community Involvement](#)
 [Related Cases](#)

[CLICK HERE TO MARK MULTIPLE DOCUMENTS TO DOWNLOAD](#)

* DENOTES A SUBMITTAL WAS AUTO-F

Site Maps (GEO_MAP), Boring Logs (GEO_BORE) and KML / KMZ Files

TITLE	SUBMITTED BY	SUBMITTED	SIZE
GEO_MAP	MERCEDES MURILLO (AUTH_RP)	11/12/2005	34 KB
GEO_MAP	MERCEDES MURILLO (AUTH_RP)	11/12/2005	71 KB

Site Documents

TITLE	TYPE	SUBMITTED BY	DOCUMENT DATE	
CONDITIONAL APPROVAL FOR ACCEPTANCE OF TREATED WOOD WASTE AT CALIFORNIA STREET LANDFILL	STAFF LETTER	JOANNE P. K. LEE (REGULATOR), JOSH MUNN (REGULATOR)	5/27/2021	
JOINT TECHNICAL DOCUMENT 36-AA-0017 (APRIL 2008 REPORT OF FACILITY INFORMATION, AMENDED JUNE 2013, AMENDED OCTOBER 2018 AMENDED SEPTEMBER 2019)	JOINT TECHNICAL DOCUMENT	JOANNE P. K. LEE (REGULATOR)	3/29/2021	
FINAL CONSTRUCTION QUALITY ASSURANCE REPORT PHASE 4 EXPANSION	CONSTRUCTION QUALITY ASSURANCE REPORT	GEO-LOGIC ASSOCIATES (AUTH_RP)	11/23/2020*	62
20-11-05 WBR EMAIL RE SUFFICIENT INTERFACE TESTING FOR PH 4 EXPANS PROJ	EMAIL CORRESPONDENCE	WILLIAM RICE (REGULATOR)	11/5/2020	
REVIEW OF CSL PHASE 4 REPORTS FOR GEOMEMBRANE ELECTRONIC LEAK LOCATION SURVEY AND FOR SLOPE STABILITY VERIFICATION	EMAIL CORRESPONDENCE	GRACE NG (REGULATOR)	4/30/2020	
GEOMEMBRANE ELECTRONIC LEAK LOCATION SURVEY FOR PHASE 4 EXPANSION	ENGINEERING DESIGN REPORT	GRACE NG (REGULATOR)	4/6/2020	
CALIFORNIA STREET LANDFILL (SWIS# 36-AA-0017) TEMPORARY WAIVER OF TERMS - STIPULATED AGREEMENT	OTHER REPORT / DOCUMENT	GRACE NG (REGULATOR)	3/31/2020	
PRELIMINARY CLOSURE/PCMP, NWCAP, FINANCIAL ASSURANCE COST ESTIMATES	CORRESPONDENCE	JOANNE P. K. LEE (REGULATOR)	11/5/2019	
FIRST DRAFT DESIGN REPORT FOR PHASE 4 EXPANSION	ENGINEERING DESIGN REPORT	WILLIAM RICE (REGULATOR)	4/19/2019	
COLLECTION OF DOCUMENTS FOR CALIFORNIA STREET LANDFILL FROM 1992 TO 1994	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	GRACE NG (REGULATOR)	2/13/2017	
RB8 APPROVAL LTR FOR PFAS MONIT PLAN	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	WILLIAM RICE (REGULATOR)	1/26/2017	
PFAS SAMPLING AND ANALYSIS WORK PLAN	PROPOSED PLAN	GEO-LOGIC ASSOCIATES (AUTH_RP)	1/19/2017*	1.
WDR AMENDMENT FOR FOR ACTIVE NONHAZARDOUS MUNICIPAL SOLID WASTE (CLASS III) LANDFILLS WITHIN THE SANTA ANA REGION FOR ACCEPTANCE OF NONHAZARDOUS CONTAMINATED SOILS AND CERTAIN WASTE/WASTE-DERIVED MATERIALS FOR DISPOSAL OR BENEFICIAL REUSE	AMENDMENT TO ORDER	JOANNE P. K. LEE (REGULATOR)	10/28/2016	
RB8 LETTER REQUESTING WPLAN FOR PFAS MONIT AT CALIF STREET LF	PFAS ORDER	WILLIAM RICE (REGULATOR)	10/7/2016	
WASTE ACCEPTANCE PROGRAM	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	9/3/2014	
RESPONSE TO ORDER R8-2014-0006	CORRESPONDENCE	ERIC T. LINDBERG (AUTH_RP)	8/28/2014*	
WASTE ACCEPTANCE PROGRAM 1	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	6/30/2014	
NON-WATER RELEASE CORRECTIVE ACTION PLAN	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	4/2/2014	
CALIFORNIA STREET-6 4TH QUARTER 2013 SMR	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	3/27/2014	
NON-WATER RELEASE CORRECTIVE ACTION PLAN - REGULATOR RESPONSE	CAP/RAP - OTHER REPORT	VICTORIA EMILY VILLA (REGULATOR)	3/7/2014	
1-13-14 INSPECTION REPORT	SITE VISIT / INSPECTION / SAMPLING	REZA AKHTARSHAD (REGULATOR)	1/13/2014	
WELL INSTALLATION AND DECOMMISSIONING REPORT	WELL INSTALLATION REPORT	ERIC WHITE (AUTH_RP)	9/10/2013	5.
WELL B-13R INSTALLATION REPORT	WELL INSTALLATION REPORT	REZA AKHTARSHAD (REGULATOR)	9/5/2013	
APPROVAL OF WORKPLAN FOR INSTALLATION OF MONITORING WELL B-13R	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	1/17/2013	
INSPECTION REPORT 12-4-12	SITE VISIT / INSPECTION / SAMPLING	REZA AKHTARSHAD (REGULATOR)	12/4/2012	
CALIFORNIA STREET-3 PHASE 3 ALTERNATIVE LINER DESIGN	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	8/9/2012	
CALIFORNIA STREET-2 PHASE 3 LINER APPROVAL	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	3/19/2012	
CSL-1 JTD MODIFICATION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	8/12/2011	
JTD MODIFICATION TO INCREASE THE USE OF ADC	STAFF LETTER	(REGULATOR)	7/12/2011	
ACCEPTANCE LETTER OF CITY RESPONSES TO NOTICE OF VIOLATION (DATED FEBRUARY 25, 2010)	STAFF LETTER	JOANNE P. K. LEE (REGULATOR)	1/14/2011	
LEACHATE MANAGEMENT PLAN FOR THE CALIFORNIA STREET LANDFILL	ENGINEERING DESIGN REPORT	GRACE NG (REGULATOR)	1/5/2011	
COMMENTS ON CITY RESPONSES TO NOTICE OF VIOLATION, ORDER NO. R8-2004-0008	STAFF LETTER	(REGULATOR)	10/28/2010	
COMMENTS ON CITY RESPONSES TO NOTICE OF VIOLATION ORDER NO. R8-2004-0008	STAFF LETTER	(REGULATOR)	10/28/2010	

CSL COMMENTS ON CITY RESPONSE TO NOV	NOTICE OF VIOLATION	REZA AKHTARSHAD (REGULATOR)	10/28/2010
FIRST QUARTER (WINTER) 2010 AND ANNUAL SUMMARY WATER QUALITY MONITORING REPORT	STAFF LETTER	(REGULATOR)	6/30/2010
CSL FIRST Q 2010 SMR	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	6/30/2010
COMMENTS ON RESPONSES TO NOTICE OF VIOLATION ORDER NO. R8-2004-0008	STAFF LETTER	(REGULATOR)	5/27/2010
CSL NOV COMMENTS	NOTICE OF VIOLATION	REZA AKHTARSHAD (REGULATOR)	5/27/2010
CSL NOV	NOTICE OF VIOLATION	REZA AKHTARSHAD (REGULATOR)	2/25/2010
NOTICE OF VIOLATION OF WASTE DISCHARGE REQUIREMENTS, ORDER NO. R8-2004-0008	RESCISSION OF ENFORCEMENT ACTION	(REGULATOR)	2/25/2010
CSL APPROVAL OF PHASE 2 LINER EXPANSION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	6/24/2009
APPROVAL OF PHASE 2 LINER EXPANSION AREA	STAFF LETTER	(REGULATOR)	1/28/2009
CSL APPROVAL OF ALTERNATIVE LINER DESIGN	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	10/27/2008
CSL APPROVAL OF 2008 JTD	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	8/28/2008
JTD - REGULATOR RESPONSE	JOINT TECHNICAL DOCUMENT	VICTORIA EMILY VILLA (REGULATOR)	4/1/2008
CSL CEQA APPROACH	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	6/5/2007
CSL MOUNTAIN VIEW FILTER CAKE DISPOSAL	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	1/26/2006
CSL USE OF GREENWASTE AS ADC	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	11/7/2005
CSL PROCESSED GREEN WASTE AS ADC	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	9/21/2005
CSL TWW GENERAL LETTER	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	6/27/2005
PARTIAL FINAL CLOSURE PLAN AND POSTCLOSURE MAINTENANCE PLAN	STAFF LETTER	(REGULATOR)	3/30/2005
CSL PARTIAL FINAL CLOSURE EAST SIDE	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	3/30/2005
CSL APPROVAL OF DOCUMENTS AND SPECIFICATIONS EAST SIDE	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	12/14/2004
APPROVAL OF CONTRACT DOCUMENTS AND SPECIFICATIONS	STAFF LETTER	(REGULATOR)	12/14/2004
COMMENTS ON THE PARTIAL FINAL CLOSURE PLAN	STAFF LETTER	(REGULATOR)	11/18/2004
CSL COMMENTS ON PARTIAL FINAL CLOSURE	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	11/18/2004
CSL FINAL COA PHASE 1 APPROVAL	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	9/29/2004
APPROVAL OF FINAL CONSTRUCTION DOCUMENT REPORT FOR PHASE 1	STAFF LETTER	(REGULATOR)	9/9/2004
CSL VOC IN BACKGROUND WELLS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	8/5/2004
APPROVAL OF PHASE 1 LINER EXPANSION AREA	STAFF LETTER	(REGULATOR)	6/9/2004
CSL PHASE 1 LINER APPROVAL	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	6/9/2004
CSL APPROVAL OF DESIGN CHANGE 3 FOR PHASE 1	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	5/19/2004
CSL TENTATIVE ORDER R8-2004-0008	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	4/1/2004
APPROVAL OF PROPOSED AMENDMENTS TO THE DESIGN REPORT	STAFF LETTER	(REGULATOR)	3/13/2004
CSL APPROVAL OF DESIGN CHANGE FOR PHASE 1	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	3/9/2004
ORGANIC COMPOUND DETECTION IN BACKGROUND WELLS AT CALIFORNIA ST LF	STAFF LETTER	(REGULATOR)	1/12/2004
CSL VOC IN BACKGROUND	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	1/12/2004
CSL APPROVAL OF PHASE 1 EXPANSION COA	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	8/29/2003
DECOMMISSIONING OF THE WILLIAMS-DANIELS WELL	STAFF LETTER	(REGULATOR)	8/21/2003
CSL ABANDONMENT OF WILLIAM DANIELS WELL	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	8/21/2003
APPROVAL OF CONSTRUCTION DOCUMENTS AND THE COA PLAN	STAFF LETTER	(REGULATOR)	7/29/2003
JOINT JTD APPLICATION FOR THE PROPOSED EXPANSION CALIFORNIA ST LF(2)	STAFF LETTER	(REGULATOR)	7/1/2003
CSL JTD FOR PROPOSED EXPANSION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	7/1/2003
CSL JTD COMPLETENESS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	7/1/2003
APPROVAL OF CORRECTIVE ACTION COST ESTIMATES FOR KNOWN OR REASONABLY FORESEEABLE RELEASE	STAFF LETTER	(REGULATOR)	5/16/2003
CSL APPROVAL OF CORRECTIVE ACTION COST ESTIMATE	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	5/16/2003
CSL WAIVER OF WDRS FOR WELL PURGE WATER	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	5/6/2003
CSL CORRECTIVE ACTION COST ESTIMATE	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	3/21/2003
CSL NEW MONITORING WELL DESIGN REPORT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	3/13/2003
JTD APPLICATION FOR THE PROPOSED EXPANSION CALIFORNIA ST LF(1)	STAFF LETTER	(REGULATOR)	3/10/2003

CSL MONITORING WELL DESIGN APPROVAL	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	REZA AKHTARSHAD (REGULATOR)	12/30/2002
APPROVAL OF THE DESIGN REPORT FOR MONITORING WELL INSTALLATION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	12/30/2002
CAO NO. R8-2002-0092	CLEAN-UP AND ABATEMENT ORDER	VICTOR STURDIVANT (REGULATOR)	10/10/2002
CLEANUP AND ABATEMENT ORDER NO. R8-2002-0092	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	10/10/2002
REQUEST FOR INFORMATION ON RADIOACTIVE WASTES FROM LANDFILLS IN SB COUNTY	13267 REQUIREMENT	VICTOR STURDIVANT (REGULATOR)	9/26/2002
PRELIMINARY DESIGN REPORT FOR THE PROPOSED LATERAL EXPANSION OF CALIFORNIA ST LE	STAFF LETTER	(REGULATOR)	4/4/2002
REQUEST FOR RECONSIDERATION OF PROPOSED EMP	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	2/21/2002
REQUEST FOR APPROVAL OF ALTERNATIVE INTERMEDIATE COVER	STAFF LETTER	(REGULATOR)	1/23/2002
DRAFT ENVIRONMENTAL IMPACT REPORT REVIEW	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	1/22/2002
REQUEST FOR FURTHER INVESTIGATION AND INSTALLATION OF ADDITIONAL WELLS	STAFF LETTER	(REGULATOR)	9/7/2000
CONDITIONAL APPROVAL, ALTERNATIVE IMMEDIATE COVER PROPOSAL	STAFF LETTER	(REGULATOR)	7/31/2000
MONITORING PROGRAM DETAILED REVIEW FOR THE CALIFORNIA STREET	STAFF LETTER	(REGULATOR)	9/9/1999
JTD, PRELIMINARY CLOSURE PLAN AND POST-CLOSURE MAINTENANCE PLAN AND EMP REVIEW	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	7/16/1999
APPROVAL OF ATTENUATED CONSTITUENTS OF CONCERN SCAN, CALIFORNIA STREET	STAFF LETTER	(REGULATOR)	5/19/1999
OPTIONAL DEMONSTRATION AS PART OF EVALUATION MONITORING, CALIFORNIA STREET	STAFF LETTER	(REGULATOR)	5/17/1999
APPROVAL TO DISCONTINUE GROUNDWATER SAMPLING OF WELL B-3A, CALIFORNIA ST	STAFF LETTER	(REGULATOR)	4/5/1999
APPROVAL TO DISCONTINUE GAS CONDENSATE SAMPLING	STAFF LETTER	(REGULATOR)	3/11/1999
APPROVAL TO DISCONTINUE GAS CONDENSATE SAMPLING	STAFF LETTER	(REGULATOR)	3/11/1999
CONSIDERATION OF AN EVALUATION MONITORING PROGRAM (EMP), CALIFORNIA ST	STAFF LETTER	(REGULATOR)	3/8/1999
REQUEST TO CONTINUE DETECTION MONITORING	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	9/4/1998
DISCONTINUATION OF PERCHLORATE MONITORING	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	8/24/1998
BLANKET AMENDMENT TO THE WDRS AND MRPS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	8/7/1998
DETECTION OF VOCS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	7/6/1998
DETECTION OF PERCHLORATE	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	7/6/1998
REQUEST TO DECOMMISSION LYSIMETER L-2	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	3/31/1998
APPROVAL OF PRELIMINARY CLOSURE AND POST-CLOSURE MAINTENANCE PLANS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	12/11/1997
REQUEST TO DISCONTINUE SAMPLING FOR DISSOLVED METALS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	7/21/1997
REQUEST TO CONTINUE DETECTION MONITORING	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	6/27/1997
HELP MODEL AND SLOPE STABILITY ANALYSES, VERTICAL EXPANSION DESIGN	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	5/12/1997
REQUEST TO DISCONTINUE FURTHER IMPLEMENTATION OF THE EMP	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	3/3/1997
REQUEST FOR REDUCTION IN GROUNDWATER SAMPLES	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	1/22/1997
SITE INSPECTION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	1/11/1997
SITE INSPECTION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	12/6/1996
APPROVAL OF PRELIMINARY CLOSURE AND POST-CLOSURE MAINTENANCE PLANS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	8/26/1996
GROUNDWATER MONITORING AND REPORTING PROGRAM ORDER NO. 81-172	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	6/5/1996
INITIATION OF ENFORCEMENT ACTION FOR VIOLATION OF WDRS, ORDER NO. 81-172 AND DRAINAGE AND EROSION CONTROL REQUIREMENTS, WDR ORDER NO. 94-17	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	3/22/1996
EMP AMENDMENT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	12/4/1995
TIME EXTENSION FOR SLOPE REPAIR WORK	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	11/29/1995
SITE INSPECTION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	11/16/1995
ALTERNATIVE DAILY COVER DEMONSTRATION PROJECT APPROVAL	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	9/29/1995
IMPACTS OF CALIFORNIA BUDGET CONSTRAINTS ON REVISIONS OF WDRS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	4/22/1995
DEMONSTRATION PROJECT FOR USE OF ALTERNATIVE DAILY COVER	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	4/17/1995
INSPECTION RESULTS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	3/7/1994
FINAL REVISED MONITORING AND REPORTING PROGRAM, ORDER NO. 81-172	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	1/24/1994

TRANSMITTAL OF ADOPTED ORDER ORDER NO. 93-57	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	9/17/1993
DRAFT COPY OF ORDER NO. 81-172	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	8/26/1993
TENTATIVE ORDER NO. 93-57	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	8/17/1993
IMPLEMENTATION OF SUBTITLE D	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	7/13/1993
STATE ADOPTION OF SUBTITLE D REQUIREMENTS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	4/27/1993
REVISED INITIAL STUDY	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	4/2/1993
APPROVAL OF MONITORING WELL INSTALLATION REPORT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	3/12/1993
GEOSYNTHETIC LINER SEMINAR	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	3/5/1993
DEFERRAL OF STORM DRAIN PIPE CONSTRUCTION SCHEDULE	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	12/11/1992
INCLUSION OF DRAINAGE AND EROSION CONTROL CAO IN REVISED WDRS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	10/21/1992
STATUS UPDATE ON CLEANUP AND ABATEMENT ORDERS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	8/27/1992
COMPLIANCE STATUS WITH CLEANUP AND ABATEMENT ORDER NO. 91-97	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	6/16/1992
CLEANUP AND ABATEMENT ORDER NO. 91-97	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	4/18/1992
CLEANUP AND ABATEMENT ORDER COMPLIANCE INSPECTION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTORIA EMILY VILLA (REGULATOR)	1/31/1992
CLEANUP AND ABATEMENT ORDER NO. 91-97 WORKPLAN MODIFICATIONS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	10/23/1991
ADDITIONAL MONITORING WELL PROPOSAL	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	10/7/1991
CLEANUP AND ABATEMENT ORDER COMPLIANCE DATES	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	7/12/1991
CLEANUP AND ABATEMENT ORDERS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	6/24/1991
ISSUANCE OF CLEANUP AND ABATEMENT ORDERS	REFERRAL TO OTHER STATE AGENCY	KEITH PERSON (REGULATOR)	6/12/1991
TENTATIVE CEASE AND DESIST ORDER 91-68	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	5/23/1991
WDR VIOLATION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	5/21/1991
MONITORING AND REPORTING PROGRAM	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	12/12/1990
PRE-WINTER INSPECTION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	9/18/1990
GROUNDWATER MONITORING	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	8/15/1988
CALIFORNIA STREET LANDFILL SOLID WASTE ASSESSMENT REPORT (SWAT)	SITE ASSESSMENT REPORT	(REGULATOR)	1/29/1988
PROPOSED GROUNDWATER MONITORING PLAN	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	4/21/1986
REQUEST TO MODIFY PHASING OF LANDFILL OPERATIONS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	1/14/1986
CAPPING OF THE EASTERN PORTION OF THE LANDFILL	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	5/10/1985
SITE INSPECTION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	KEITH PERSON (REGULATOR)	4/11/1985

Petition Documents

NO PETITION DOCUMENT SUBMITTALS FOUND FOR THIS FACILITY.

Monitoring Reports

TITLE	TYPE	SUBMITTED BY	DOCUMENT DATE	
SECOND QUARTER 2021 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	8/2/2021	35,
FIRST QUARTER 2021 MONITORING PERIOD AND 2020 ANNUAL SUMMARY	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	4/30/2021	35,
FOURTH QUARTER 2020 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	1/19/2021	67,
THIRD QUARTER 2020 CALIFORNIA STREET LANDFILL WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	10/30/2020	39,
SECOND QUARTER 2020 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	7/29/2020	80,
FIRST QUARTER 2020 AND 2019 ANNUAL SUMMARY WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	4/28/2020	36,
FOURTH QUARTER 2019 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	1/29/2020	64,
THIRD QUARTER 2019 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	10/30/2019	35,
SECOND QUARTER 2019 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	7/30/2019*	20,
FIRST QUARTER 2019 WATER QUALITY MONITORING REPORT AND ANNUAL SUMMARY	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	4/29/2019	22,
FOURTH QUARTER 2018 WATAER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	1/30/2019*	20,
THIRD QUARTER (SUMMER) 2018 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	10/30/2018	19,
SECOND QUARTER 2018 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	7/30/2018	35,

FIRST QUARTER 2018 AND ANNUAL SUMMARY WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	4/12/2018	19,
FOURTH QUARTER 2017 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	1/31/2018	60,
THIRD QUARTER 2017 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	10/31/2017	32,
SECOND QUARTER 2017 - WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	7/28/2017*	40,
FIRST QUARTER 2017/ANNUAL SUMMARY - WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	4/28/2017	14,
FOURTH QUARTER 2016 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	1/30/2017*	72,
THIRD QUARTER 2016 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	10/31/2016	28,
SECOND QUARTER 2016 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	7/29/2016*	25,
WATER QUALITY MONITORING REPORT - FIRST QUARTER (WINTER) 2016/ANNUAL SUMMARY	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	4/29/2016	12,
FOURTH QUARTER 2015 GROUNDWATER MONITORING REPORT	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	1/28/2016*	14,
3RD QUARTER MONITORING REPORT - CALIFORNIA STREET LANDFILL	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	10/30/2015*	25,
SECOND QUARTER 2015 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	7/31/2015*	9,;
FIRST QUARTER 2015/ANNUAL SUMMARY WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	4/30/2015	28,
FOURTH QUARTER 2014 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	1/29/2015*	15,
THIRD QUARTER (SUMMER) 2014 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	GEO-LOGIC ASSOCIATES (AUTH_RP)	10/31/2014	9,;
SECOND QUARTER (SPRING) 2014 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	ERIC T. LINDBERG (AUTH_RP)	7/31/2014*	11,
QUARTERLY WATER QUALITY MONITORING REPORT - - REGULATOR RESPONSE	MONITORING REPORT - QUARTERLY	VICTORIA EMILY VILLA (REGULATOR)	7/30/2014	11,
FIRST QUARTER 2014/ANNUAL SUMMARY WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	ERIC T. LINDBERG (AUTH_RP)	4/30/2014*	13,
FOURTH QUARTER (FALL) 2013 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	1/31/2014*	20,
THIRD QUARTER 2013 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	10/30/2013*	17,
WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	7/30/2013*	29,
FIRST QUARTER 2013/ANNUAL SUMMARY WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	4/29/2013*	17,
FOURTH QUARTER 2012 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	1/31/2013*	15,
WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	10/30/2012*	4,;
SECOND QUARTER (SPRING) 2012 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	7/30/2012	8,;
WATER QUALITY MONITORING REPORT FIRST QUARTER 2012	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	4/24/2012*	7,;
WATER QUALITY MONITORING FOURTH QUARTER 2011	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	1/30/2012	28,
THIRD QUARTER (SUMMER) 2011 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	10/27/2011	5,;
SECOND QUARTER (SPRING) 2011 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	8/1/2011*	8,;
FIRST QUARTER (WINTER) 2011/ANNUAL SUMMARY	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	5/2/2011*	10,
FOURTH QUARTER (FALL) 2010 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	1/28/2011*	7,;
THIRD QUARTER (SUMMER) 2010 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	10/28/2010*	10,
SECOND (SPRING) QUARTER 2010 MONITORING REPORT	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	8/3/2010*	27,
FIRST (WINTER) QUARTER 2010 AND ANNUAL SUMMARY	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	4/30/2010*	20,
FOURTH QUARTER (FALL) 2009 WATER QUALITY MONITORING REPORT	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	1/29/2010*	14,
THIRD QUARTER (SUMMER) 2009 WATER QUALITY MONITORING	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	10/30/2009*	4,;
SECOND QUARTER (SPRING) 2009	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	8/13/2009*	13,
FIRST QUARTER (WINTER) 2009 AND 2008 ANNUAL	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	4/29/2009*	4,;
FOURTH QUARTER (FALL) 2008	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	1/30/2009*	10,
THIRD QUARTER (SUMMER) 2008	MONITORING REPORT - QUARTERLY	ERIC WHITE (AUTH_RP)	10/31/2008*	15,

[Back to Top](#)

[Privacy Policy](#)

[Contact Us](#)

[Conditions of Use](#)

[Accessibility](#)



CALIFORNIA STREET LANDFILL (L10004733296) - (MAP)

[SIGN UP FOR EMAIL ALERTS](#)

2151 NEVADA
REDLANDS, CA 92373
SAN BERNARDINO COUNTY
LAND DISPOSAL SITE ([INFO](#))
OPEN - OPERATING AS OF 12/5/2014 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY / CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
SANTA ANA RWQCB (REGION 8) ([LEAD](#)) - CASE #: 030030001
CASEWORKER: [JOANNE LEE](#)

[Summary](#)
[Cleanup Action Report](#)
[Regulatory Activities](#)
[Environmental Data \(ES\)](#)
[Site Maps / Documents](#)
[Community Involvement](#)
[Related Cases](#)

Regulatory Profile		PRINTABLE CASE SUMMARY
CLEANUP STATUS - DEFINITION 8 OPEN - OPERATING AS OF 12/5/2014 - CLEANUP STATUS HISTORY	FACILITY TYPE TITLE 27 - MUNICIPAL SOLID WASTE LANDFILL	
POTENTIAL CONTAMINANTS OF CONCERN PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)	POTENTIAL MEDIA OF CONCERN NONE SPECIFIED	
FILE LOCATION	DESIGNATED GROUNDWATER BENEFICIAL USE(S) - DEFINITIONS MUN, AGR, IND, PROC, 8 - Note: Also incl part of 801.53, 801.54, 801.57 - Note: Also incl part of 801.53, 801.54, 801.57, 801.58.	
DWR GROUNDWATER SUB-BASIN NAME Upper Santa Ana Valley - San Bernardino (8-002.06)	CALWATER WATERSHED NAME Santa Ana River - Upper Santa Ana River - Bunker Hill (801.52)	

Site History

SITE HISTORY

The City of Redlands is conducting Detection Monitoring Program for groundwater monitoring at the site.

The California Street Landfill is an approximately 115-acre, active Class III landfill owned and operated by the City of Redlands, and includes the original 63-acre unlined portion and the approximately 52-acre lined expansion area. The facility is located in the northeastern portion of the San Bernardino Valley, along a reach of the southern bank of the Santa Ana River channel approximately 3.5 miles northwest of the City of Redlands in southeastern San Bernardino County. The landfill is located at 2151 Nevada Street, Redlands, California, 92373, in the northern half of the northeast portion of Section 17, Township 1 South, Range 3 West, San Bernardino Baseline and Meridian.

From 1963 until present, the CSL has accepted municipal solid wastes generated within the City of Redlands consisting primarily of residential, commercial, and industrial waste, with a minor fraction of dried sewage sludge from the City's wastewater treatment plant located adjacent to the CSL. No designated or hazardous wastes were knowingly accepted for on-site disposal. Groundwater beneath the CSL is impacted by perchlorate, tetrachloroethene (PCE), trichloroethene (TCE), and 1,2-dibromo-3-chloropropane (DBCP). On March 8, 2004, the City submitted a report, as required under Contingency Response D.6.a.ii of Order No. 98-99, which demonstrated that all groundwater impacts originated from sources other than the landfill (3D GeoServices, 2004).

GEOLOGIC SETTING

The CSL is located within the eastern portion of the Transverse Ranges Geomorphic Province of California within the structurally down-dropped San Bernardino Valley structural block. This structural block is bounded to the north and south by the San Andreas and San Jacinto faults, respectively, and consists of over 1,000 feet of alluvium derived from the adjacent San Bernardino and San Gabriel Mountains delivered to the valley floor by coalescing streams flowing from the upland areas. The maximum thickness of alluvium in the area is estimated to be greater than 1,200 feet approximately one mile northwest of the landfill. The maximum thickness of alluvium beneath the landfill is greater than 700 feet (RWQCB, 2008). Ground surface elevations range from 955 feet above mean sea level (amsl) on the western end of the site to 1,040 feet amsl on the eastern end.

SITE HYDROGEOLOGIC SETTING

The CSL is situated along the southern bank of Reach 5 of the Santa Ana River channel, within the Upper Santa Ana River Hydrologic Area, in the Mill Creek Hydrologic Sub-Area of the Santa Ana River Watershed (Santa Ana Hydrologic Basin). No natural lakes or other bodies of standing water, ephemeral seeps, or springs occur at the site. Groundwater beneath the CSL occurs at approximately 168 to 203 feet below ground surface (bgs) within alluvial deposits. Historical groundwater elevation measurements indicate that groundwater flows to the west at an average hydraulic gradient of approximately 0.01 foot per foot (ft/ft).



SAN BERNARDINO, CA
SAN BERNARDINO COUNTY
MILITARY CLEANUP SITE ([INFO](#))
OPEN - VERIFICATION MONITORING AS OF 4/30/2013 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
DEPARTMENT OF TOXIC SUBSTANCES CONTROL ([LEAD](#)) - CASE #: CA4
SANTA ANA RWQCB (REGION 8) ([LEAD](#)) - CASE #: 16671
CASEWORKER: [PATRICIA HANNON](#)

[Summary](#) [Cleanup](#) [Action Report](#) [Regulatory Activities](#) [Environmental Data \(ESI\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#)

Cleanup Action Report

NO CLEANUP ACTIONS EXIST

[Back to Top](#)

[Privacy Policy](#)

[Contact Us](#)

[Conditions of Use](#)

[Accessibility](#)



Tools

Reports

UST Case Closures

Information



US AIR FORCE, FORMER NORTON AFB - BASE WIDE IRP PROGRAM (DOD100359200) - ([MAP](#))

[SIGN UP FOR EMAIL ALERTS](#)

SAN BERNARDINO, CA
 SAN BERNARDINO COUNTY
 MILITARY CLEANUP SITE ([INFO](#))
 OPEN - VERIFICATION MONITORING AS OF 4/30/2013 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 DEPARTMENT OF TOXIC SUBSTANCES CONTROL ([LEAD](#)) - CASE #: CA4570024345
 SANTA ANA RWQCB (REGION 8) ([LEAD](#)) - CASE #: 16671
 CASEWORKER: [PATRICIA HANNON](#)

[Summary](#) [Cleanup Action Report](#) [Regulatory Activities](#) [Environmental Data \(ESI\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#)

Public Participation

CATEGORY	DATE
CATEGORY 3 - INFO	4/15/2009
ADDITIONAL PUBLIC PARTICIPATION DESCRIPTION	
<p>numerous public hearings, restoration advisory board meeting, annual meetings, public notices, and fact sheets have occurred for this IRP Program since 1989. The former base does have an updated Community Releations Plan</p>	

Environmental Justice

[DWR 2016 DISADVANTAGED COMMUNITY DESIGNATION - INFO](#)
 Severely Disadvantaged Community

[CALENVIROSCREEN 3.0 SCORE - INFO](#)
 Percentile Range: [NA](#)

Community Involvement Documents

NO COMMUNITY INVOLVEMENT DOCUMENTS HAVE BEEN UPLOADED

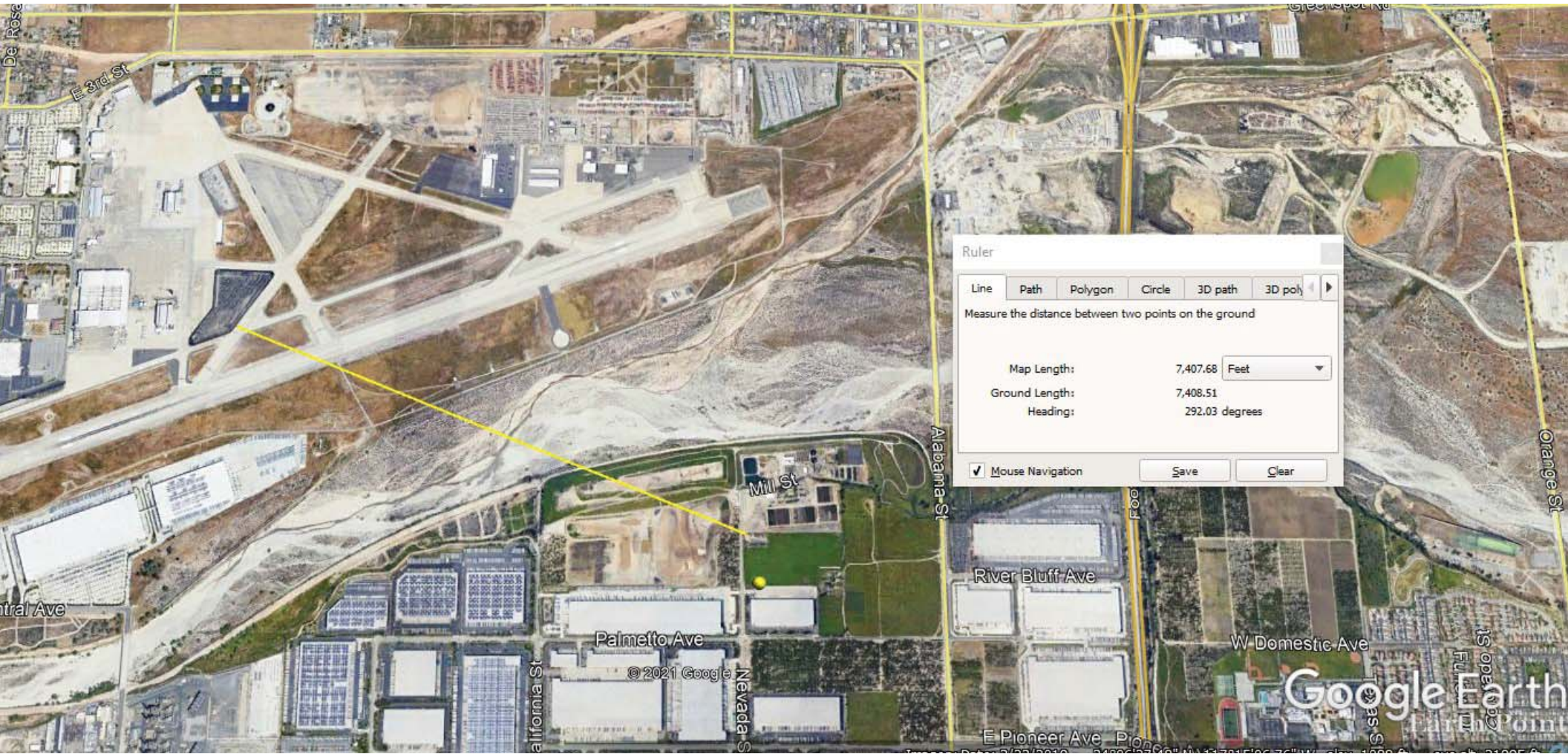
[Back to Top](#)

[Conditions of Use](#)

[Privacy Policy](#)

[Accessibility](#)

[Contact Us](#)





Tools

Reports

UST Case Closures

Information



PROJECT SEARCH RESULTS

SEARCH CRITERIA: 305 S TIPPECANOE AVE, SAN BERNARDINO, LUFT, SLIC, LANDFILL, DOD, DODPRIV, DODUST, WDR, IRRIGATED_LANDS, AGDW, SAMPPPOINTPUBLIC, UST, NONCLEANUP, PROJECT, CAF, WATERPONDS, INJECTION, GWMPPLAN, GWMPEX, OTHEROILGAS

0 RECORDS FOUND

[VIEW RESULTS ON MAP](#)

[EXPORT TO EXCEL](#)

PAGE 1 OF 1

NO PROJECTS FOUND WITH THOSE SEARCH PARAMETERS.

[Back to Top](#)

[Conditions of Use](#)

[Privacy Policy](#)

[Accessibility](#)

[Contact Us](#)

Copyright © 2021 State of California



STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER

US AIR FORCE, FORMER NORTON AFB - BASE WIDE IRP PROGRAM (DOD100359200) - (MAP)

SIGN UP FOR EMAIL

SAN BERNARDINO, CA
 SAN BERNARDINO COUNTY
 MILITARY CLEANUP SITE (INFO)
 OPEN - VERIFICATION MONITORING AS OF 4/30/2013 - DEFINITION
[PRINTABLE CASE SUMMARY / CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 DEPARTMENT OF TOXIC SUBSTANCES CONTROL (LEAD) - CASE #: CA4
 SANTA ANA RWQCB (REGION 8) (LEAD) - CASE #: 16671
 CASEWORKER: [PATRICIA HANNON](#)

Summary Cleanup Action Report Regulatory Activities Environmental Data (ESI) Site Maps / Documents Community Involvement Related Cases

Regulatory Activities		Action Type Filter: Show All Activities	Go	* Indicates a revised due	
VIEW DOCS	ACTION TYPE	ACTION	ACTION DATE	RECEIVED / ISSUE DATE	TITLE / DESCRIPTION / COMMENTS
VIEW DOCS	Response Requested - Reports	Five Year Review Complete	12/31/2020	12/31/2020	final Fifth Five-Year Review Report
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	7/29/2020	7/29/2020	Response to the draft Five-Year Review Report, Central Base Area Operable Unit (OU), Site Component 1 Groundwater, and Basewide OU Sites 2, 5, 17, 19, Small Arms Range, AOC 4, a AOC 33 during the review period of January 1, 2015 to December 31, 2019.
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	10/9/2018	10/9/2018	Concurred with Air Force's request to decommission groundwater monitoring well MW275
VIEW DOCS	Response Requested - Other	Email Correspondence - Regulator Responded	9/28/2018	9/28/2018	Request from Air Force to decommission groundwater monitoring well MW275
VIEW DOCS	Response Requested - JEP Activity	Report	6/30/2018	4/20/2018	Perfluorinated Compounds (PFC) Investigation - Additional Investigation - Report -- (7/16 - 6/16 draft SI work plan received November 11/17/2016, Draft Report dated 4/2018
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	6/26/2018	6/26/2018	RESPONSE TO DRAFT SITE INSPECTION REPORT AQUEOUS FILM FORMING
VIEW DOCS	Response Requested - Reports	Site Investigation	4/20/2018	4/20/2018	Draft Site Inspection Report aqueous film forming foam AFFF Areas.
VIEW DOCS	Response Requested - Other	Correspondence	10/25/2017	10/25/2017	Change to Air Force Remedial Project Manager
VIEW DOCS	Response Requested - Other	Email Correspondence	8/11/2017	8/11/2017	Update on Norton Well Decommissioning and Soil Gas Sampling at Site 17
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	2/16/2017	2/16/2017	RESPONSE TO DRAFT WELL DECOMMISSIONING WORK PLAN, NORTHEAST BASE ARE
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	12/21/2016	12/21/2016	RESPONSE TO DRAFT INSTALLATION-SPECIFIC UNIFORM FEDERAL POLICY-QUALITY ASSURANCE PROJECT PLAN ADDENDUM FOR SITE INSPECTION OF POTENTIAL PERFLUORINATED COMPOUND (PFC) RELEASE AREAS
VIEW DOCS	Response Requested - JEP Activity	Meetings	11/15/2016	11/15/2016	BCT Meeting minutes July 6, 2016
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	10/13/2015	10/13/2015	Final Perfluorinated Compounds Preliminary Assessment
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	9/17/2015	9/17/2015	Review and concurred with responses to my comments on the draft fourth Five-Year Review R
VIEW DOCS	Response Requested - Other	Correspondence	1/30/2015	1/30/2015	Notification of the new Remedial Project Manager
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	5/7/2013	5/7/2013	Change in RPM
VIEW DOCS	Response Requested - Other	Other Report / Document	12/13/2012	12/13/2012	Draft Final Addendum to the Technical Memorandum Industrial Waste Line Removal Closure R
VIEW DOCS	Response Requested - Reports	Monitoring Report - Semi-Annually - Regulator Responded	8/13/2012	8/13/2012	Final Operations, Maintenance, and Monitoring 2012 Semiannual Report
VIEW DOCS	Response Requested - Reports	Monitoring Report - Semi-Annually	8/1/2012	8/1/2012	Final Operations, Maintenance, and Monitoring 2012 Semiannual report
VIEW DOCS	Response Requested - Reports	Monitoring Report - Annually	2/29/2012	2/29/2012	Operations, Maintenance, and Monitoring 2011 Annual Report
VIEW DOCS	Response Requested - Reports	Remedial Progress Report	*7/5/2009	7/3/2009	Letter Report - Excavation and Disposal of Petroleum Hydrocarbon-Impacted Soil, Former Golf Colourse Area
VIEW DOCS	Other Regulatory Actions	Closure/No Further Action Letter	7/23/2009	7/23/2009	No Further Action Determination for Petroleum Release, Fpr,er Golf Course Area
VIEW DOCS	Response Requested - Reports	Monitoring Report - Annually	*5/28/2009	4/24/2009	9th Annual 2007 Report of Operations, Monitoring, and Maintenance
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	11/7/2008	11/7/2008	received Final 2008 Community Releations Plan Final document supersedes the draft documer review comments were drafted.
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	9/8/2008	9/8/2008	Document comment letter
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	8/9/2000	8/9/2000	REVIEW OF DRAFT ANNUAL REPORT AND GWM PLAN
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	5/12/2000	5/12/2000	REVIEW OF DRAFT WATER SUPPLY CONTINGENCY POLICY REPORT
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	5/8/2000	5/8/2000	REVIEW OF DRAFT WATER SUPPLY CONTINGENCY POLICY REPORT
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	5/8/2000	5/8/2000	REVIEW OF REVISED DRAFT FINAL BASEWIDE FEASIBILITY STUDY
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	4/17/2000	4/17/2000	REVIEW OF DRAFT TM JANUARY 2000 GWM DATA RESULTS
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	2/28/2000	2/28/2000	REVIEW OF DRAFT PneuLog RESULTS, Site 805
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	11/8/1999	11/8/1999	REVIEW OF DRAFT FINAL ADDENDUM NO. 4 WELL ABANDONMENT PLAN
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	10/15/1999	10/15/1999	REVIEW OF DRAFT TM, JULY 1999 GROUNDWATER DATA RESULTS
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	9/20/1999	9/20/1999	REVIEW OF DRAFT SEVENTH ANNUAL GROUNDWATER TRENDS REPORT
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	8/20/1999	8/20/1999	INFORMATION MIBE NBA MW235
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	7/23/1999	7/23/1999	REVIEW OF DRAFT TM, APRIL GROUNDWATER DATA RESULTS
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	6/21/1999	6/21/1999	REVIEW OF DRAFT FINAL FEASIBILITY STUDY
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	6/15/1999	6/15/1999	REVIEW OF SITE 4, GETS CAPTURE ZONE, & EASTERN BOUNDARY WP & QPP ADDENE
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	4/17/1999	4/17/1999	REVIEW OF DRAFT SEBS & FOST
VIEW DOCS	Other Regulatory Actions	Technical Correspondence / Assistance / Other	4/14/1999	4/14/1999	REVIEW OF SIXTH ANNUAL GROUNDWATER REPORT

[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	4/14/1999	4/14/1999	REVIEW OF DRAFT TM, GROUNDWATER DATA REPORT
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	3/29/1999	3/29/1999	REVIEW OF REPORT OF WELLS ABANDONED
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	2/16/1999	2/16/1999	REVIEW OF TM OCTOBER GW REPORT
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	1/7/1999	1/7/1999	REVIEW OF DRAFT 6TH ANNUAL DATA TRENDS REPORT
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	10/30/1998	10/30/1998	REVIEW OF DRAFT TM, DATA REPORT, JULY 1998 GW SAMPLING
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	10/7/1998	10/7/1998	REVIEW OF FINAL ADDENDUM TO ABANDONMENT PLAN FOR LONG-TERM GW MONITORING
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	5/13/1998	5/13/1998	DRAFT OPERATION REPORT
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	4/14/1998	4/14/1998	DRAFT TM, JANUARY GW DATA RESULTS REPORT
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	4/13/1998	4/13/1998	TM, WELL ABANDONMENT AND REPAIR PLAN
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	3/23/1998	3/23/1998	Response to DRAFT OU2 Record Of Decision
[VIEW DOCS]	<i>Other Regulatory Actions</i>	Technical Correspondence / Assistance / Other	3/6/1998	3/6/1998	WSCP ANNUAL REPORT
	<i>Enforcement - Other</i>	Unknown			
[VIEW DOCS]	<i>Response Requested - Other</i>	Other Report / Document		3/1/2014	Annual LUCs Inspection Reports from Inland Valley Development Agency San Bernardino International Airport
[VIEW DOCS]	<i>Response Requested - Reports</i>	Monitoring Report - Annually		3/25/2015	Operation, Maintenance, and Monitoring 2014 Annual Report
[VIEW DOCS]	<i>Response Requested - Reports</i>	Monitoring Report - Semi-Annually		8/14/2014	Tech Memo: 2014 SemiAnnual Operations, Maintenance and Monitoring at former Norton AFB
[VIEW DOCS]	<i>Response Requested - Other</i>	Verbal Communication		9/16/2015	May 2015 BCT meeting minutes
[VIEW DOCS]	<i>Response Requested - Workplans</i>	Well Destruction Workplan		6/26/2014	Draft 2014 Well Decommissioning Work Plan, IRP Site 17 and CBA
[VIEW DOCS]	<i>Response Requested - Reports</i>	Five Year Review Complete		9/29/2015	final Fourth Five-Year Review report, dated September 25, 2015
[VIEW DOCS]	<i>Response Requested - Reports</i>	Technical Memos		11/12/2014	revised final to the Technical Memorandum for Industrial Waste Line Removal Closure Report
[VIEW DOCS]	<i>Response Requested - Reports</i>	Monitoring Report - Annually		2/25/2016	Operations, Maintenance and Monitoring 2015 Annual Report, Sites 2, Northeast Base Area, C Base Area, and 17
[VIEW DOCS]	<i>Response Requested - Other</i>	Other Report / Document		8/20/2018	Final Site Inspection Report for Aqueous Film Forming Foam (AFFF) Areas
	<i>Response Requested - Workplans</i>	Other Workplan		11/17/2016	DRAFT INSTALLATION-SPECIFIC UNIFORM FEDERAL POLICY QUALITY ASSURANCE PROJECT PLAN ADDENDUM FOR SITE INSPECTION OF POTENTIAL PERFLUORINATED COMPOUND (PFC) RELEASE AREAS and final Quality Program Plan for Site Inspection of Potential Perfluorinated Compound Release Areas at Multiple BRAC Installations (see final Co March 6, 2017)
[VIEW DOCS]	<i>Response Requested - Workplans</i>	Other Workplan		3/6/2017	Final INSTALLATION-SPECIFIC UNIFORM FEDERAL POLICY QUALITY ASSURANCE PROJECT PLAN ADDENDUM FOR SITE INSPECTION OF POTENTIAL PERFLUORINATED COMPOUND (PFC) RELEASE AREAS and final Quality Program Plan for Site Inspection of Potential Perfluorinated Compound Release Areas at Multiple BRAC Installations

[Back to Top](#)

[Conditions of Use](#)

[Privacy Policy](#)

[Accessibility](#)

[Contact Us](#)



STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

US AIR FORCE, FORMER NORTON AFB - BASE WIDE IRP PROGRAM (DOD100359200) - [\(MAP\)](#)

[SIGN UP FOR EMAIL](#)

SAN BERNARDINO, CA
 SAN BERNARDINO COUNTY
 MILITARY CLEANUP SITE ([INFO](#))
 OPEN - VERIFICATION MONITORING AS OF 4/30/2013 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY / CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 DEPARTMENT OF TOXIC SUBSTANCES CONTROL ([LEAD](#)) - CASE #: CA4
 SANTA ANA RWQCB (REGION 8) ([LEAD](#)) - CASE #: 16671
 CASEWORKER: [PATRICIA HANNON](#)

[Summary](#)
[Cleanup Action Report](#)
[Regulatory Activities](#)
[Environmental Data \(ESI\)](#)
[Site Maps / Documents](#)
[Community Involvement](#)
[Related Cases](#)

[CLICK HERE TO MARK MULTIPLE DOCUMENTS TO DOWNLOAD](#)

* DENOTES A SUBMITTAL WAS AUTO-F

Site Maps (GEO_MAP), Boring Logs (GEO_BORE) and KML / KMZ Files

NO SITE MAP SUBMITTALS FOUND FOR THIS FACILITY.

Site Documents

TITLE	TYPE	SUBMITTED BY	DOCUMENT DATE
FINAL FIFTH FIVE-YEAR REVIEW REPORT	FIVE YEAR REVIEW COMPLETE	PATRICIA HANNON (REGULATOR)	12/31/2020
RESPONSE TO THE DRAFT FIVE-YEAR REVIEW REPORT, CENTRAL BASE AREA OPERABLE UNIT (OU), SITE COMPONENT 1 GROUNDWATER, AND BASEWIDE OU SITES 2, 5, 17, 19, SMALL ARMS RANGE, AOC 4, AND AOC 33 DURING THE REVIEW PERIOD OF JANUARY 1, 2015 TO DECEMBER 31, 2019.	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	PATRICIA HANNON (REGULATOR)	7/29/2020
CONCURRED WITH AIR FORCE'S REQUEST TO DECOMMISSION GROUNDWATER MONITORING WELL MW275	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	PATRICIA HANNON (REGULATOR)	10/9/2018
REQUEST FROM AIR FORCE TO DECOMMISSION GROUNDWATER MONITORING WELL MW275	EMAIL CORRESPONDENCE	PATRICIA HANNON (REGULATOR)	9/28/2018
FINAL SITE INSPECTION REPORT FOR AQUEOUS FILM FORMING FOAM (AFFF) AREAS	OTHER REPORT / DOCUMENT	PATRICIA HANNON (REGULATOR)	8/20/2018
RESPONSE TO DRAFT SITE INSPECTION REPORT AQUEOUS FILM FORMING	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	PATRICIA HANNON (REGULATOR)	6/26/2018
CHANGE TO AIR FORCE REMEDIAL PROJECT MANAGER	CORRESPONDENCE	PATRICIA HANNON (REGULATOR)	10/25/2017
UPDATE ON NORTON WELL DECOMMISSIONING AND SOIL GAS SAMPLING AT SITE 17	EMAIL CORRESPONDENCE	PATRICIA HANNON (REGULATOR)	8/11/2017
FINAL INSTALLATION-SPECIFIC UNIFORM FEDERAL POLICY QUALITY ASSURANCE PROJECT PLAN ADDENDUM FOR SITE INSPECTION OF POTENTIAL PERFLUORINATED COMPOUND (PFC) RELEASE AREAS AND FINAL QUALITY PROGRAM PLAN FOR SITE INSPECTION OF POTENTIAL PERFLUORINATED COMPOUND RELEASE AREAS AT MULTIPLE BRAC INSTALLATIONS	OTHER WORKPLAN	PATRICIA HANNON (REGULATOR)	3/6/2017
RESPONSE TO DRAFT WELL DECOMMISSIONING WORK PLAN, NORTHEAST BASE AREA	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	PATRICIA HANNON (REGULATOR)	2/16/2017
RESPONSE TO DRAFT INSTALLATION-SPECIFIC UNIFORM FEDERAL POLICY-QUALITY ASSURANCE PROJECT PLAN ADDENDUM FOR SITE INSPECTION OF POTENTIAL PERFLUORINATED COMPOUND (PFC) RELEASE AREAS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	PATRICIA HANNON (REGULATOR)	12/21/2016
BCT MEETING MINUTES JULY 6, 2016.	MEETINGS	PATRICIA HANNON (REGULATOR)	11/15/2016
FINAL PERFLUORINATED COMPOUNDS PRELIMINARY ASSESSMENT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	10/13/2015
FINAL FOURTH FIVE-YEAR REVIEW REPORT, DATED SEPTEMBER 25, 2015	FIVE YEAR REVIEW COMPLETE	PATRICIA HANNON (REGULATOR)	9/29/2015
MAY 2015 BCT MEETING MINUTES	VERBAL COMMUNICATION	PATRICIA HANNON (REGULATOR)	9/16/2015
NOTIFICATION OF THE NEW REMEDIAL PROJECT MANAGER	CORRESPONDENCE	PATRICIA HANNON (REGULATOR)	1/30/2015
REVISED FINAL TO THE TECHNICAL MEMORANDUM FOR INDUSTRIAL WASTE LINE REMOVAL CLOSURE REPORT	TECHNICAL MEMOS	PATRICIA HANNON (REGULATOR)	11/12/2014
DRAFT 2014 WELL DECOMMISSIONING WORK PLAN, IRP SITE 17 AND CBA	WELL DESTRUCTION WORKPLAN	PATRICIA HANNON (REGULATOR)	6/26/2014
ANNUAL LUCS INSPECTION REPORTS FROM INLAND VALLEY DEVELOPMENT AGENCY SAN BERNARDINO INTERNATIONAL AIRPORT	OTHER REPORT / DOCUMENT	PATRICIA HANNON (REGULATOR)	3/1/2014
CHANGE IN RPM	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	PATRICIA HANNON (REGULATOR)	5/7/2013
DRAFT FINAL ADDENDUM TO THE TECHNICAL MEMORANDUM INDUSTRIAL WASTE LINE REMOVAL CLOSURE REPORT - REGULATOR RESPONSE	OTHER REPORT / DOCUMENT	(REGULATOR)	12/13/2012
NO FURTHER ACTION DETERMINATION FOR PETROLEUM RELEASE, FPR,ER GOLF COURSE AREA	CLOSURE/NO FURTHER ACTION LETTER	(REGULATOR)	7/23/2009
DOCUMENT COMMENT LETTER	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	(REGULATOR)	9/8/2008
COMMENTS ON SEMIANNUAL REPORT ON POSTCLOSURE GROUNDWATER, UNSATURATED ZONE, AND MONOLITHIC CAP MOISTURE MONITORING, JULY 1, 2005 THROUGH DECEMBER 31, 2005	LETTER	(REGULATOR)	6/5/2006
COMMENTS ON TECHNICAL MEMORANDUM, APRIL 2005, GROUNDWATER SAMPLING DATA RESULTS SUMMARY REPORT, COMPREHENSIVE GROUNDWATER MONITORING PROGRAM	LETTER	(REGULATOR)	5/12/2006
EPA'S PRELIMINARY CLOSEOUT REPORT		(REGULATOR)	3/15/2006
TECHNICAL MEMORANDUM, JANUARY 2005 GROUNDWATER SAMPLING DATA RESULTS SUMMARY REPORT		(REGULATOR)	10/20/2005
FINAL BASEWIDE RECORD OF DECISION		(REGULATOR)	10/11/2005 4
TRANSMITTAL FOR ORIGINAL SIGNED COPY AUTHORIZING SIGNATURE FOR BASEWIDE ROD		(REGULATOR)	10/3/2005
COMMENTS ON DRAFT FIVE-YEAR REVIEW REPORT		(REGULATOR)	10/3/2005
DRAFT FIVE-YEAR REVIEW REPORT		(REGULATOR)	9/26/2005 2
REVIEW OF DRAFT ANNUAL REPORT AND GWM PLAN	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	8/9/2000
REVIEW OF DRAFT WATER SUPPLY CONTINGENCY POLICY REPORT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	5/12/2000
REVIEW OF REVISED DRAFT FINAL BASEWIDE FEASIBILITY STUDY	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	5/8/2000
REVIEW OF DRAFT WATER SUPPLY CONTINGENCY POLICY REPORT	TECHNICAL CORRESPONDENCE /	VICTOR STURDIVANT (REGULATOR)	5/8/2000

REVIEW OF DRAFT TM JANUARY 2000 GWM DATA RESULTS	ASSISTANCE / OTHER TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	4/17/2000
REVIEW OF DRAFT PNEULOG™ RESULTS, SITE 805	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	2/28/2000
REVIEW OF DRAFT FINAL ADDENDUM NO. 4 WELL ABANDONMENT PLAN	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	11/8/1999
REVIEW OF DRAFT TM, JULY 1999 GROUNDWATER DATA RESULTS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	10/15/1999
REVIEW OF DRAFT SEVENTH ANNUAL GROUNDWATER TRENDS REPORT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	9/20/1999
INFORMATION MTBE NBA MW235	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	8/20/1999
REVIEW OF DRAFT TM, APRIL GROUNDWATER DATA RESULTS	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	7/23/1999
REVIEW OF DRAFT FINAL FEASIBILITY STUDY	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	6/21/1999
REVIEW OF SITE 4, GETS CAPTURE ZONE, & EASTERN BOUNDARY WP & QPP ADDENDUM	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	6/15/1999
REVIEW OF DRAFT SEBS & FOST	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	4/17/1999
REVIEW OF SIXTH ANNUAL GROUNDWATER REPORT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	4/14/1999
REVIEW OF DRAFT TM, GROUNDWATER DATA REPORT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	4/14/1999
REVIEW OF REPORT OF WELLS ABANDONED	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	3/29/1999
REVIEW OF TM OCTOBER GW REPORT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	2/16/1999
REVIEW OF DRAFT 6TH ANNUAL DATA TRENDS REPORT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	1/7/1999
REVIEW OF DRAFT TM, DATA REPORT, JULY 1998 GW SAMPLING	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	10/30/1998
REVIEW OF FINAL ADDENDUM TO ABANDONMENT PLAN FOR LONG-TERM GW MONITORING	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	10/7/1998
DRAFT OPERATION REPORT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	5/13/1998
DRAFT TM, JANUARY GW DATA RESULTS REPORT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	4/14/1998
TM, WELL ABANDONMENT AND REPAIR PLAN	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	4/13/1998
RESPONSE TO DRAFT OU2 RECORD OF DECISION	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	3/23/1998
WSCP ANNUAL REPORT	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	VICTOR STURDIVANT (REGULATOR)	3/6/1998

Petition Documents

NO PETITION DOCUMENT SUBMITTALS FOUND FOR THIS FACILITY.

Monitoring Reports

<u>TITLE</u>	<u>TYPE</u>	<u>SUBMITTED BY</u>	<u>DOCUMENT DATE</u>	
OPERATIONS, MAINTENANCE AND MONITORING 2015 ANNUAL REPORT, SITES 2, NORTHEAST BASE AREA, CENTRAL BASE AREA, AND 17 - REPORT	MONITORING REPORT - ANNUALLY	PATRICIA HANNON (REGULATOR)	2/25/2016	16
OPERATION, MAINTENANCE, AND MONITORING 2014 ANNUAL REPORT - 2014 ANNUAL REPORT	MONITORING REPORT - ANNUALLY	PATRICIA HANNON (REGULATOR)	3/25/2015	26
TECH MEMO: 2014 SEMIANNUAL OPERATIONS, MAINTENANCE AND MONITORING AT FORMER NORTON AFB - REPORT	MONITORING REPORT - SEMI-ANNUALLY	PATRICIA HANNON (REGULATOR)	8/14/2014	6
FINAL OPERATIONS, MAINTENANCE, AND MONITORING 2012 SEMIANNUAL REPORT - COMMENT LETTER - REGULATOR RESPONSE	MONITORING REPORT - SEMI-ANNUALLY	(REGULATOR)	8/13/2012	
FINAL OPERATIONS, MAINTENANCE, AND MONITORING 2012 SEMIANNUAL REPORT - REPORT	MONITORING REPORT - SEMI-ANNUALLY	(REGULATOR)	8/1/2012	1,

[Back to Top](#)

[Privacy Policy](#)

[Contact Us](#)

[Conditions of Use](#)

[Accessibility](#)



SAN BERNARDINO, CA
 SAN BERNARDINO COUNTY
 MILITARY CLEANUP SITE ([INFO](#))
 OPEN - VERIFICATION MONITORING AS OF 4/30/2013 - [DEFINITION](#)
[PRINTABLE CASE SUMMARY](#) / [CSM REPORT](#)

CLEANUP OVERSIGHT AGENCIES
 DEPARTMENT OF TOXIC SUBSTANCES CONTROL ([LEAD](#)) - CASE #: CA4
 SANTA ANA RWQCB (REGION 8) ([LEAD](#)) - CASE #: 16671
 CASEWORKER: [PATRICIA HANNON](#)

[Summary](#) [Cleanup](#) [Action Report](#) [Regulatory Activities](#) [Environmental Data \(ESI\)](#) [Site Maps / Documents](#) [Community Involvement](#) [Related Cases](#)

Regulatory Profile

[PRINTABLE CASE SUMMARY](#)

MILITARY BASE

[NORTON AIR FORCE BASE](#)

CLEANUP STATUS - [DEFINITIONS](#)

OPEN - VERIFICATION MONITORING AS OF 4/30/2013 - [CLEANUP STATUS HISTORY](#)

POTENTIAL CONTAMINANTS OF CONCERN

GASOLINE, POLYCHLORINATED BIPHENYLS (PCBS), TETRACHLOROETHYLENE (PCE), TOTAL PETROLEUM HYDROCARBONS (TPH), TRICHLOROETHYLENE (TCE)

FILE LOCATION

ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY DATABASE

DWR GROUNDWATER SUB-BASIN NAME

Upper Santa Ana Valley - San Bernardino (8-002.06)

POTENTIAL MEDIA OF CONCERN

AQUIFER USED FOR DRINKING WATER SUPPLY, SOIL, SOIL VAPOR

DESIGNATED GROUNDWATER BENEFICIAL USE(S) - [DEFINITIONS](#)

MUN, AGR, IND, PROC, 8 - Note: Also incl part of 801.53, 801.54, 801.57 - Note: Also incl part of 801.53, 801.54, 801.57, 801.58.

CALWATER WATERSHED NAME

Santa Ana River - Upper Santa Ana River - Bunker Hill (801.52)

Site History

- October 1982 ♦ Phase I Records Search Report identified potential contamination at 20 Installation Restoration Sites (IRP).
- July 1985 ♦ Phase II Problem Confirmation Study investigated 15 of 20 identified IRP sites and found contamination at 7 sites, and TCE in groundwater.
- July 1987 ♦ Norton AFB placed on the USEPA's National Priority List because of TCE in the groundwater.
- September 1987 ♦ Phase II Confirmation/Quantification, Stage 2 Final Report investigated 18 of 20 identified IRP sites.
- September 1988 - Maximum concentration of 4,630 ♦g/L TCE was detected in groundwater from MW-90, an area suspected as the TCE source.
- December 1988 ♦ Norton AFB issued a Stage 3 Final Report that investigated 21 of the 22 IRP sites.
- June 1989 ♦ Air Force signed the Norton AFB Federal Facility Agreement.
- April 1990 - Norton AFB designated the contaminated groundwater in the CBA and any contributing soil sources as the CBA OU.
- November 1990 ♦ Norton AFB began the CBA Groundwater Investigation to define the extent of the TCE groundwater plume.
- March 1991 ♦ Construction of the CBA pump-and-treat system began as a treatability test to evaluate the groundwater pump-and-treat technology.
- June 1991 ♦ TCE source investigation to locate and characterize soil sources that have contributed to the TCE in groundwater.
- July 1991 ♦ Lockheed completed removal action of approximately 4,200 y3 of soil containing TCE from Docks 3 and 4 in Building 763 and treated onsite. Building 763 was an identified TCE source area.
- February 1992 ♦ Draft RI report issued (CBA Groundwater and TCE Source Investigation). Onbase plume was characterized, and four TCE soil source areas identified: MW-90 area, Building 658, IRP Site 9, and Building 763.
- April 1992 ♦ Draft CBA OU FS and draft Proposed Plan issued.
- June 1992 ♦ Full monitoring of the CBA TCE plume began. Pilot Study to assess the potential for a pump-and-treat system groundwater system began. Treatability testing of the groundwater began with the BB pump-and-treat system, as did characterization of the offbase portion of the plume.
- September 1992 - Air Force announced its intent to install an extraction system at the BB to impede further migration of the contaminated groundwater offbase.
- February 1993 ♦ Final FS and Proposed Plan issued.
- August 1993 ♦ Initial Water Supply Contingency Policy was issued.

November 1993 ♦ The ROD for the CBA OU was signed by the Air Force and regulatory agencies.

December 1994 ♦ Remedial design was completed, a report was issued, design drawings prepared, and specifications provided for the construction of the CBA pump-and-treat system

January 1995 ♦ Removal of groundwater contamination is initiated with the CBA pump-and-treat system.

March 1995 ♦ Removal of groundwater contamination is initiated with the BB pump-and-treat system.

April 1996 - Final close-out report for the shallow soil removal at Site 9 and Building 658.

October 1997 ♦ Final closureout report for Building 673 and 763 TCE Source Area SVE activities.

October 1999 - Initial Five-year Review Report was finalized.

November 2001 ♦ Shut-down of the BB Treatment System occurs.

May 2002 ♦ Shut-down of the CBA Treatment System occurs.

December 2005 ♦ Final Basewide ROD signed.

December 2005 Pump-and-treat system decommissioned

December 2005 Second 5-year Review completed.

September 2007 ♦ Whole base transfer.

[Back to Top](#)

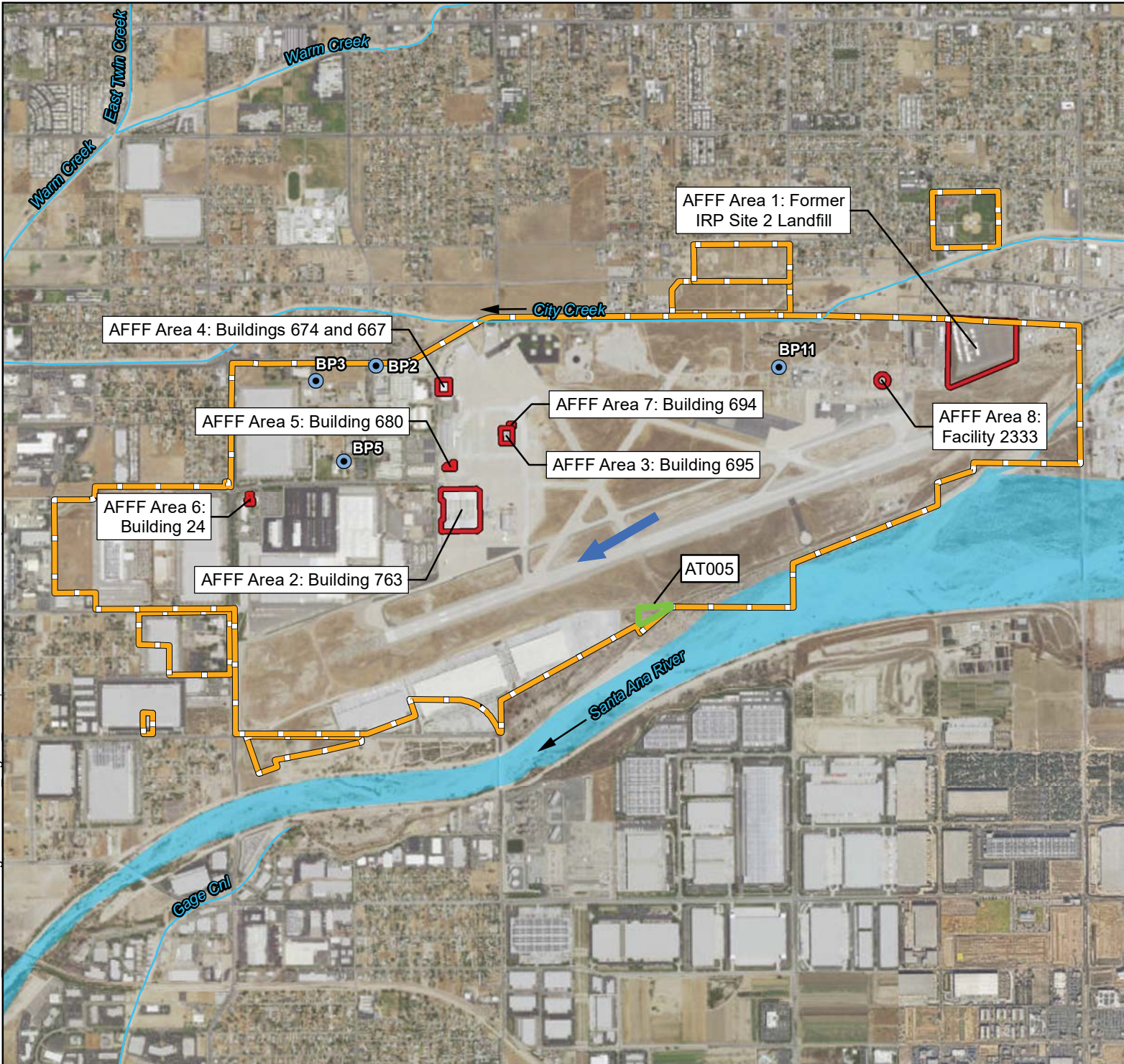
[Privacy Policy](#)

[Contact Us](#)

[Conditions of Use](#)

[Accessibility](#)

G:\Norton\AES_Products\MXD\Figure 1 Norton_Figure_1.mxd; Date: 10/6/2016



Legend

- Water Supply Well
- Stream
- AFFF Area Boundary
- Fire Training Area
- Installation Boundary
- Approximate Groundwater Flow Direction

Former Norton Air Force Base

Figure 1
Installation Overview Map
PFC Site Inspection

Figure 1 Norton_Figure_1.mxd
 Drawn: B Owens Date: 10/6/2016
 Service Layer Credits: Esri ArcGIS Online
 Aerial Photography



2,208 ACRES;58 MI EA OF LOS ANGELES, CA
 SAN BERNARDINO, CA 92409
 SAN BERNARDINO COUNTY
SITE TYPE: CLOSED BASE

PROJECT MANAGER: [STEPHEN NIC](#)
SUPERVISOR: EILEEN MANA
OFFICE: CLEANUP CYI
PUBLIC PARTICIPATION SPECIALIST: [TIMOTHY CH](#)
CENSUS TRACT: 6071980100
CALENVIROSCREEN PERCENTILE SCORE: NA

SUB-AREA: CBA - CBA-S - [BACK TO PROJECT WIDE PROFILE REPORT](#)

[Summary](#) | [Activities](#) | [Site/Facility Docs](#) | [Related Sites](#) | [CalEnviroScreen](#)

Site Information

CLEANUP STATUS

ACTIVE AS OF 5/1/1986

SITE TYPE: CLOSED BASE

NATIONAL PRIORITIES LIST: YES

ACRES: 2179 ACRES

APN: NONE SPECIFIED

CLEANUP OVERSIGHT AGENCIES:

DTSC - SITE CLEANUP PROGRAM

RWQCB 8 - SANTA ANA

US EPA - **LEAD AGENCY**

ENVIROSTOR ID: 36970004

SITE CODE: 400108, 401403

SPECIAL PROGRAM: DSMOA

FUNDING: BRAC 88

ASSEMBLY DISTRICT: 40

SENATE DISTRICT: 23

Regulatory Profile

PAST USE(S) THAT CAUSED CONTAMINATION

AIRCRAFT MAINTENANCE, AIRFIELD OPERATIONS, DAY CARE FACILITY, DEGREASING FACILITY, DRY CLEANING, ENGINE TESTING/REPAIR, FIRE TRAINING AREAS, FIRING RANGE - SMALL ARMS ETC..., FUEL - AIRCRAFT STORAGE/ REFUELING, JET FUEL STORAGE/REFUELING, LANDFILL - DOMESTIC, MACHINE SHOP, OIL/WATER SEPARATORS, PAINT/DEPAINT FACILITY, PHOTOGRAPHIC PROCESSING, RESIDENTIAL AREA, WAREHOUSING, WASTE - INDUSTRIAL TREATMENT FACILITY, WASTE - INDUSTRIAL WASTE LINE, WASTE WATER PONDS

POTENTIAL CONTAMINANTS OF CONCERN

SLUDGE - PAINT
 DIOXIN (AS 2,3,7,8-TCDD TEQ)
 LEAD
 METHANE
 POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)
 TPH-JET FUEL
 TRICHLOROETHYLENE (TCE)

POTENTIAL MEDIA AFFECTED

AQUIFER USED FOR DRINKING WATER SUPPLY AFFECTED, OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, WELL USED FOR DRINKING WATER SUPPLY AFFECTED

Sub-Area Description

NO DESCRIPTION ENTERED

[Back to Top](#)

[Disclaimer](#)

[DTSC Home](#)

[Help](#)

[Contact Us](#)

**NORTON AIR FORCE BASE (36970004)**

SIGN UP FOR EMAIL ALERTS

2,208 ACRES;58 MI EA OF LOS ANGELES, CA
 SAN BERNARDINO, CA 92409
 SAN BERNARDINO COUNTY
SITE TYPE: CLOSED BASE

PROJECT MANAGER: [STEPHEN NIOU](#)
SUPERVISOR: EILEEN MANANIAN
OFFICE: CLEANUP CYPRESS
PUBLIC PARTICIPATION SPECIALIST: [TIMOTHY CHAUVEL](#)
CENSUS TRACT: 6071980100
CALENVIROSCREEN PERCENTILE SCORE: NA

AREA: BASEWIDE - [BACK TO PROJECT WIDE PROFILE REPORT](#)

[Summary](#) | [Activities](#) | [Site/Facility Docs](#) | [Related Sites](#) | [CalEnviroScreen](#)

Currently Scheduled Activities Through 6/30/2022

AREA NAME	SUB-AREA	DOCUMENT TYPE	DUE DATE	REVISED DATE
BASEWIDE	Ste 17	Site Characterization Report	5/27/2020	3/20/2021
BASEWIDE	Ste 17	Removal Action Completion Report	2/12/2021	10/20/2021
BASEWIDE	AOC 33	Removal Action Completion Report	12/13/2021	

Completed Activities

AREA NAME	SUB-AREA	TITLE	DOCUMENT TYPE	DATE COMPLETED	COMMENTS
BASEWIDE	Site 2	Site 2 O&M report	Operation and Maintenance Report	8/5/2020	
BASEWIDE	SAR	Small Arms Range excavation report	Removal Action Completion Report	8/5/2020	
BASEWIDE		Site Inspection report for AFFF areas	Site Characterization Report	7/5/2018	
BASEWIDE	SAR	Small Arms Range Site Specific Soil Investigation Report	Site Characterization Report	9/7/2016	
BASEWIDE	SITE5	PFC Release Determination Site Investigation report	Site Characterization Report	9/6/2016	
BASEWIDE		Well Decommissioning Work Plan, CBA,	Well Decommissioning Workplan	12/11/2013	

		and Sites 1 and 17			
BASEWIDE	B752	Final Status Survey Report	Remedial Action Completion Report	10/3/2013	
BASEWIDE	Site 17	Supplemental workplan for soil and soil gas sampling	Site Characterization Workplan	3/23/2011	
BASEWIDE	AOC 33	Supplemental workplan for soil and soil gas sampling for tank pit removal	Site Characterization Workplan	3/23/2011	
BASEWIDE	AOC 33	SOIL MANAGEMENT PLAN FOR TANK PITS REMOVAL	Remedial Action Implementation Workplan	10/7/2010	Finalized
BASEWIDE	SITE5	FWS biological opinion	Other Report	1/29/2008	
BASEWIDE	Site 2	Covenant to Restrict Use of Property - IRP Site 2	Land Use Restriction	9/20/2007	
BASEWIDE	SAR	Covenant to Restrict Use of Property - SAR	Land Use Restriction	9/17/2007	
BASEWIDE	SITE5	Covenant to Restrict Use of Property - IRP Site 5	Land Use Restriction	9/17/2007	
BASEWIDE	SITE19	Covenant to Restrict Use of Property - IRP Site 19	Land Use Restriction	8/31/2007	
BASEWIDE	SITE2	Landfill gas quarterly O&M report	Operation and Maintenance Report	12/7/2006	Secondary document accepted
BASEWIDE	SITE2	Landfill 2 O&M annual report	Operation and Maintenance Report	12/7/2006	Secondary document accepted.
BASEWIDE	SITE2	Landfill Cover repair report	Other Report	8/24/2006	On 10/3/05, Geologic entered Site 2 Landfill with a backhoe and dug 6 potholes. This report documents Geologic's repair work on 5/9-10/06. The RA work is complete and accepted by all BCT members.
BASEWIDE		Landfill #2 Landfill Gas O&M Quarterly Reports	Operation and Maintenance Report	6/30/2006	Completed the review of 1st quarter 2006 Site 2 landfill gas O&M report
BASEWIDE		Landfill #2 O&MM Annual Report	Operation and Maintenance Report	6/30/2006	Completed Site 2 annual O&M report
BASEWIDE		Site 10 Remedial Action report	Removal Action Completion Report	3/27/2006	The Air Force removed 19,000 cubic yards of dioxin contaminated soil. Of this soil, 2,700 cubic yards were classified as California hazardous wastes and disposed at a permitted hazardous waste facility. The remaining soil was transported to a nearby city disposal facility to be used as landfill cover. The Air Force took 18 confirmation soil samples and calculated the post-removal risk to human health and sensitive burrowing animals. The results indicated that the combined child/adult excess cancer risk is

BASEWIDE	Basewide OU Record of Decision	Record of Decision	9/29/2005	1.7x10 ⁻⁶ . The non cancer hazard index for children is 1.2x10 ⁻² at the golf course area and 3.3x10 ⁻² at the habitat area. For adults, the non-cancer hazard index for the golf course portion is 3.8x10 ⁻⁴ and 1.1x10 ⁻² for the habitat area DTSC concurred with the Basewide ROD, which addresses 22 Installation Restoration Program (IRP) sites, 73 areas of concern (AOC), the Small Arms Range, Building 752, and groundwater contamination in the Northeast Base Area. The ROD will enable properties at Norton Air Force Base to be transferred to the redevelopment authorities. The closed portions of the base are planned for air cargo, warehouses, commercial, and other industrial uses. The selected remedy for Site 2, a former landfill, is operation and maintenance of the landfill cover and gas extraction system. Excavation and off-site disposal was selected for Sites 7, 10, 17, Building 752, and AOC 33. In addition, institutional controls were selected for Sites 2, 5, 19, Small Arms Range, and AOC 4. All other facilities require no further action. The purchaser of sites with institutional controls as the selected remedy will be required to enter into a land use covenant with DTSC as an Air Force condition of sale.
BASEWIDE	Landfill #2 Landfill Gas O&M Quarterly Reports	Monitoring Report	6/30/2005	completed
BASEWIDE	Landfill #2 O&MM Annual Report	Monitoring Report	6/30/2005	completed
BASEWIDE	Basewide OU proposed plan	Proposed Plan	4/18/2005	The proposed plan public meeting was held on 8/11/2004
BASEWIDE	STE10 Action Memorandum (if <\$1M)	*Action Memorandum (if <\$1M)	1/27/2004	RAW - STE10: Because of the San Bernadino Kangaroo Rat, the Air Force will trap and relocate the animals and set up fences to prevent burrowing animals from crawling back into the excavation area during removal. The Air Force will remove the top two feet of soil and then depending on the presence of ash layers and fieldscreening sampling results to determine whether additional two feet of soil will be removed or not. After excavation, the AF will take confirmation soil samples and analyze them for dioxins/furans and metals. If excessive contamination remains, excavation will resume. Once the removal action is complete, the AF will restore the site to pre-excavation conditions. RAP - SITE 10 (Removal action at Site 10 and 12): Following the finalization of Basewide Feasibility Study Report, the AF issued this document for conducting soil removal at these sites to accelerate cleanup actions at the former Norton AFB. Because of the endangered species, the AF will conduct formal consultation with US Fish and Wildlife and obtain permits from California Dept. of Fish and Game. The detected contamination is within four feet of ground surface, the AF will restrict depth of excavation accordingly. Also, because part of Site 10 is now portions of a golf course, part of the golf course will be closed during the removal action. Excavated soil will be profiled and sent to a regulated landfill. Once the removal action is complete, no further remedial actions are anticipated at these sites.
BASEWIDE	STE10 Remedial Action Plan	Remedial Action Plan	11/20/2003	RAW - STE10: Because of the San Bernadino Kangaroo Rat, the Air Force will trap and relocate the animals and set up fences to prevent burrowing animals from crawling back into the excavation area during removal. The Air Force will remove the top two feet of soil and then depending on the presence of ash layers and fieldscreening sampling results to determine whether additional two feet of soil will be removed or not. After excavation, the AF will take confirmation soil samples and analyze them for dioxins/furans and metals. If excessive contamination remains, excavation will resume. Once the removal action is complete, the AF will restore the site to pre-excavation conditions. RAP - SITE 10 (Removal action at Site 10 and 12): Following the finalization of Basewide Feasibility Study Report, the AF issued this document for conducting soil removal at these sites to accelerate cleanup actions at the former Norton AFB. Because of the endangered species, the AF will conduct formal consultation with US Fish and Wildlife and obtain permits from California Dept. of Fish and Game. The detected contamination is within four feet of ground surface, the AF will restrict depth of excavation accordingly. Also, because part of Site 10 is now portions of a golf course, part of the golf course will be closed during the removal action. Excavated soil will be profiled and sent to a regulated landfill. Once the removal action is complete, no further remedial actions are anticipated at these sites.
BASEWIDE	Site 2 Removal Action Completion Report	Removal Action Completion Report	7/21/1999	
BASEWIDE	SAR Removal Action Completion Report	Removal Action Completion Report	6/9/1999	RA - SAR: Between July and October 1997 Earth Tech, a remedial contractor hired by the Air Force excavated, treated and disposed of lead contaminated soils down to 2 feet bgs at the base of the SAR and 4 feet into the impact berm. A total of 11,478 tons of soil was excavated and processed at IRP Site 2. Of this amount 210 tons were bullet fragments and small rocks which were classified as RCRA Hazardous waste and were disposed of offsite at Laidlaw Environmental Services landfill in Westmoreland, California. Approximately 2,100 tons were stabilized by adding 15% Portland Cement and processing through a pug mill. None of the stabilized soil met the treatment standard so all of it was sent offsite to Browning Ferris Industries (BFI) landfill in La Paz, Arizona as a California hazardous, non-RCRA waste.
BASEWIDE	AOC70 Removal Action Completion Report	Removal Action Completion Report	10/29/1998	RA - AOC70: The Removal Action goal for AOC 70 was to excavate and remove soil containing contaminants of concern: PCBs, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, TPH-diesel and TPH-gasoline at depths up to 10 feet. Approximately 1632 cubic yards of material was excavated, treated and disposed off- site. Confirmation samples were then taken, analyzed and the determination was made that the objectives were met. The area was then backfilled with clean fill and graded. RA - IRP10: The Removal Action goal for IRP Site 10 was to excavate and remove soil containing contaminants of concern: lead arsenic and chromium at depths up to three feet or one foot below the ash layer, as this was the zone of ecological risk. Approx. 224 cubic yards of non-hazardous material was disposed of at the base landfill, IRP Site 2 and approximately 116 cubic yards of potentially hazardous waste were excavated and disposed off site. Confirmation samples were then taken, analyzed and the determination was made that the objectives were met. The area was then backfilled with clean fill and graded.
BASEWIDE	ste10 Removal Action Completion Report	Removal Action Completion Report	10/29/1998	

BASEWIDE	SITE2	Remedial Action Plan	Remedial Action Plan	12/29/1997	RAP - SITE2: As a result of trenching activities and in accordance with Title 27, California Code of Regulations, the intent of this plan is to upgrade waste management units to closure standards established in regulations. This activity is equivalent to a RAP since it will cost approximately \$ 13,700,000.00. The public and regulatory agencies have had an opportunity to comment and all comments have been adequately addressed by the PRP. Activities which will take place from February 1998 to December 1998 include: landfill gas extraction and treatment, waste consolidation of approximately 120,000 cubic yards from the northeast, confirmation sampling of consolidated material, a monolithic cover, drainage control, groundwater monitoring and long term operation and maintenance activities.
BASEWIDE	SITE2	* Remedial or Removal Design	* Remedial or Removal Design	12/29/1997	DES - SITE2: As a result of trenching activities and in accordance with Title 27, California Code of Regulations, the intent of this plan is to upgrade waste management units to closure standards established in regulations. This activity is equivalent to a RAP since it will cost approximately \$13,700,000.00. The public and regulatory agencies have had an opportunity to comment and all comments have been adequately addressed by the PRP. Activities which will take place from February 1998 to December 1998 include: landfill gas extraction and treatment, waste consolidation of approximately 120,000 cubic yards from the northeast, confirmation sampling of consolidated material, a monolithic cover, drainage control, groundwater monitoring and long term operation and maintenance activities.
BASEWIDE	SITE1	Removal Action Completion Report	Removal Action Completion Report	12/29/1997	RA - SITE1: A removal action was implemented as a result of an Actrion Memorandum completed in March 1996. the removal action was implemented in two phases between November 1996 and July 1997. A total of approximately 20,900 tons of soils exceeding cleanup levels were excavated and disposed of off- base at an appropriate facility. Approximately 3,800 square feet of material above the cleanup levels were left in place as they were not extractable during the removal effort. The excavation was subsequently back filled and the graded to its original levels. In addition, three new monitoring wells were installed for monitoring purposes. A Long Term Ground- water Monitoring plan will be implemented as a result of leaving materials in place.
BASEWIDE	SITE19	Remedial Action Plan	Remedial Action Plan	7/21/1997	
BASEWIDE	SITE5	* Remedial or Removal Design	* Remedial or Removal Design	6/25/1997	
BASEWIDE	Site 12	Feasibility Study Report	Feasibility Study Report	10/3/1996	
BASEWIDE	SITE1	Action Memorandum (if <\$1M)	*Action Memorandum (if <\$1M)	10/2/1996	
BASEWIDE	SITE2	Feasibility Study Report	Feasibility Study Report	4/30/1996	
BASEWIDE	SITE1	Feasibility Study Report	Feasibility Study Report	2/22/1996	
BASEWIDE	SITE5	* Order	* Order	4/14/1995	

[Back to Top](#)

[Help](#)

[Disclaimer](#)

[Contact Us](#)

[DTSC Home](#)



August 25, 2021

California Environmental Protection Agency
Department of Toxic Substances Control
Attn: FOIA Officer
1001 I Street, MS 23A
Sacramento, CA 95814

Via email: Daniel.Knight@dtsc.ca.gov

RE: Freedom of Information Act Request
CA EPA Department Records
City of Redlands Street Landfill
1950 Nevada Avenue, Redlands, California 92373
Facility ID: 36-AA-0443

Dear FOIA Officer:

Under the Freedom of Information Act, V3 Companies is requesting the earliest to current records for the following:

- Any information on past or current petroleum materials and hazardous chemical incidents (i.e., spills, leaks, releases) that the department is aware of at the subject site or on adjoining properties;
- Any records of the site compliance and any violations and status reports.

We appreciate your cooperation and response to this request. Please contact me at (630) 724-9200 ext. 6235 if you need additional information to complete your research of the property records.

Due to the urgent nature of this request, it is preferred that the records be sent to my attention via email (aapostolopoulos@v3co.com) or Fax (630-724-9202).

Sincerely,
V3 COMPANIES

A handwritten signature in black ink, appearing to read 'Ana Apostolopoulos', written over a light blue horizontal line.

Ana Apostolopoulos
Project Coordinator III



August 25, 2021

California Environmental Protection Agency
Department of Toxic Substances Control
Attn: FOIA Officer
1001 I Street, MS 23A
Sacramento, CA 95814

Via email: Daniel.Knight@dtsc.ca.gov

RE: Freedom of Information Act Request
CA EPA Department Records
California Street Landfill
2151 Nevada Street, Redlands, California, 92373
Facility ID: 36-AA-0017

Dear FOIA Officer:

Under the Freedom of Information Act, V3 Companies is requesting the earliest to current records for the following:

- Any information on past or current petroleum materials and hazardous chemical incidents (i.e., spills, leaks, releases) that the department is aware of at the subject site or on adjoining properties;
- Any records of the site compliance and any violations and status reports.

We appreciate your cooperation and response to this request. Please contact me at (630) 724-9200 ext. 6235 if you need additional information to complete your research of the property records.

Due to the urgent nature of this request, it is preferred that the records be sent to my attention via-email (aapostolopoulos@v3co.com) or Fax (630-724-9202).

Sincerely,
V3 COMPANIES

A handwritten signature in blue ink that reads "Ana Apostolopoulos".

Ana Apostolopoulos
Project Coordinator III



August 25, 2021

California Environmental Protection Agency
Department of Toxic Substances Control
Attn: FOIA Officer
1001 I Street, MS 23A
Sacramento, CA 95814

Via email: Daniel.Knight@dtsc.ca.gov

RE: Freedom of Information Act Request

CA EPA Department Records
USAF Norton Air Force Base (AFB)
Norton Air Force Base (Landfill#2)
305 S Tippecanoe Avenue, San Bernardino, California 92408
Formerly: I-10/US 395 Former Norton AFB
EPA ID: CA4570024345
Facility ID: 902760
EPA Region: 9

Dear FOIA Officer:

Under the Freedom of Information Act, V3 Companies is requesting the earliest to current records for the following:

- Any information on past or current petroleum materials and hazardous chemical incidents (i.e., spills, leaks, releases) that the department is aware of at the subject site or on adjoining properties;
- Any records of the site compliance and any violations and status reports.

We appreciate your cooperation and response to this request. Please contact me at (630) 724-9200 ext. 6235 if you need additional information to complete your research of the property records.

Due to the urgent nature of this request, it is preferred that the records be sent to my attention via-email (aaapostolopoulos@v3co.com) or Fax (630-724-9202).

Sincerely,
V3 COMPANIES

A handwritten signature in black ink, appearing to read 'Ana Apostolopoulos', written over a light blue horizontal line.

Ana Apostolopoulos
Project Coordinator III

7325 Janes Avenue, Woodridge, Illinois 60517 | 630.724.9200

V3 | Visio, Vertere, Virtute ... *The Vision to Transform with Excellence*

**UNITED STATES ENVIRONMENTAL
PROTECTION AGENCY**

Superfund Site:

NORTON AIR FORCE BASE (LNDFLL #2) SAN BERNARDINO, CA

[Superfund Home](#)

[This Site's Home Page](#)

[Site Contacts](#)

[Cleanup Activities](#)

[Health & Environment](#)

[Redevelopment](#)

[Site Documents & Data](#)

[View Site on Map](#)

Background

The 2,165-acre Norton Air Force Base site in San Bernardino, California, served as a major overhaul center for jet engines and aircraft repair beginning in 1942. Past hazardous material management practices contaminated groundwater and soil with polychlorinated biphenyls (PCBs), dioxins, heavy metals (such as lead) and acids. Following construction of the site's remedy, operation and maintenance activities and monitoring are ongoing.

Site Contacts

Community Involvement Coordinator

[David Yogi](#)

(415) 972-3350

Remedial Project Manager

[Lynn Bailey](#)

(415) 972-3031

[View all site contacts »](#)

Site Location

Street Address:

I-10/US 395 FORMER NORTON AFB
SAN BERNARDINO, CA 92408



Superfund Site:

[Superfund Home](#)[This Site's Home Page](#)[Site Contacts](#)[Cleanup Activities](#)[Operable Units](#)[Cleanup Progress](#)[Health & Environment](#)[Redevelopment](#)[Site Documents & Data](#)[View Site on Map](#)

NORTON AIR FORCE BASE (LNDFLL #2) SAN BERNARDINO, CA

Operable Units

Below, EPA has provided a list of the remedial actions selected pertaining to each operable unit.

EPA issues **Records of Decision (RODs)** to explain which cleanup methods will be used at Superfund National Priorities List sites. EPA has two primary documents that it may use to identify changes to the remedies selected in RODs. EPA uses a **ROD Amendment** when it needs to make a fundamental change to the remedy. EPA publishes an **Explanation of Significant Differences (ESD)** for significant changes.

During cleanup, complex sites may be divided into several distinct areas to make the response more efficient. These areas, called **operable units (OUs)**, may address geographic areas, specific problems, or medium (e.g., groundwater, soil) where a specific action is required. The remedies are displayed for the OU numbers indicated in the original decision document. OU numbers may change over time.

EPA is working to improve data quality. The information presented on this page is undergoing review for accuracy and completeness, and may be subject to change.

OU ID	Name	Decision Document	Cleanup Technologies Selected in the Decision Document
00	SITEWIDE	Not applicable	
01	CENTRAL BASE AREA	Record of Decision November 24, 1993	Air Stripping (P&T, exsitu) Carbon Adsorption Carbon Adsorption (liquid phase, P&T, exsitu) Discharge (surface water/NPDES discharge) Discharge (vertical well reinjection to contaminated aquifer) Disposal Disposal (offsite) Excavation Extraction (recovery/vertical well) Institutional Controls Monitoring Soil Vapor Extraction (exsitu) Soil Vapor Extraction (insitu) Treatment (other, NOS, exsitu, onsite) Water Supply (temporary replacement, other, NOS)
02	BASEWIDE	Record of Decision June 25, 1997	Institutional Controls No Further Action
02	BASEWIDE	Record of Decision September 29, 2005	Disposal (offsite) Excavation Institutional Controls No Further Action

[↑ Top of Page](#)



AIR FORCE CIVIL ENGINEER CENTER

([HTTP://WWW.AFCEC.AF.MIL/](http://www.afcec.af.mil/))
(<http://www.afcec.af.mil/>)



CLEANUP EFFORT AT FORMER NORTON AIR FORCE BASE

The Air Force's successful cleanup of environmental contamination at the former Norton Air Force Base began decades ago and essentially ended last year. The Air Force initiated the Installation Restoration Program (IRP) at Norton Air Force Base in 1982, long before the base closed. During the 1980s, Air Force investigations determined where chemical waste disposal activities had occurred and where the groundwater contained detectable levels of solvents, primarily trichloroethene (TCE), which was used at Norton for cleaning aircraft parts from the 1940s through the 1980s.

The U.S. Environmental Protection Agency (EPA) placed Norton on the National Priorities List in 1987, under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), due to detection of solvents in the groundwater.

To aid in developing a long-term cleanup plan, Norton was divided into three operable units (OUs,) which became two OUs in 1998, when OU2 and OU3 were combined to form what's known as the Basewide OU. OU1 is known as Central Base Area.

A Record of Decision (ROD) formalizing the cleanup plan for TCE-contaminated groundwater and the primary TCE source areas in OU1, the Central Base Area, was signed in 1993. Pump and treat systems, designed and built in 1992 and in 1995, operated until 2001 and 2002, treating approximately 6.9 billion gallons of water and removing nearly 467 pounds of TCE from the local groundwater. The pump and treat systems were turned off when the BRAC Cleanup Team determined that pumping and treating was no longer an effective remedy for TCE. The pump and treat systems were decommissioned in 2005. The primary TCE source areas, which included IRP Site 9 (the electroplating shop) and other soil contamination areas located within the Central Base Area, were addressed by the removal of facilities, excavation and treatment for shallow soil contamination, and soil vapor extraction to remove TCE from deep soil. These actions were completed by 1998.

The Air Force continues to routinely sample groundwater monitoring wells to ensure protection of human health and the environment. As of 2018, there were no remaining contaminants from the former Norton AFB that exceeded safe drinking water levels in the regional groundwater.

The Basewide OU ROD, signed in 2005, included 21 of 22 IRP sites, 73 areas of concern (AOCs), the Small Arms Range, a spill area at Building 752, and groundwater in the Northeast Base Area. About 75 percent of these did not pose an adverse risk to human health or the environment for unrestricted use and were recommended for no remedial action. Appropriate remedial actions implemented by the Air Force on the other sites included removal of approximately 20,900 tons of contaminated soil from industrial waste lagoons,



The Air Force applied a protective soil cap to the former landfill, approximately 20 acres large, as part of the cleanup at the former Norton Air Force Base. Later the site was paved by the Local Redevelopment Authority for use as a parking lot.
[Download HiRes \(/Portals/17/images/BRAC/AFD-121001-042.jpg\)](#)

applying a protective soil cap to the former landfill, and removing about 22,600 pounds of petroleum hydrocarbons from a former fire training area using a soil vapor extraction system. All remedial actions for Basewide sites had been completed by 2014.

Five-year CERCLA reviews were conducted by the Air Force in 1999, 2005, 2010 and 2015 to evaluate if the selected remedies are functioning as intended and remain protective of human health and the environment. The 2010 review noted that there are no longer any groundwater contaminant plumes on the former Norton AFB. Another indication of success is that since 1996, over 300 monitoring wells have been decommissioned as the BRAC Cleanup Team decided they were no longer needed. The 2015 Five Year Review concluded, and EPA concurred, that the Central Base Area and Basewide remedies remain protective. The Review recommended further actions for the former Small Arms Range site to ensure long-term protectiveness of the remedy. In October 2019, three small lead-impacted areas were removed to ensure long-term protectiveness of the remedy.

The former Norton AFB has been transferred by the Air Force Real Property Agency to the Inland Valley Development Agency and other entities for redevelopment. In some cases, these transfers are accompanied by deed restrictions that run with the land. For example, groundwater restrictions prevent the installation of drinking water wells in areas where cleanup standards are exceeded. In other cases, soil management plans must be submitted and approved prior to any construction or soil disturbance and certain property uses -- such as construction of residences, hospitals, day care centers, and schools for children under age 18 - are prohibited.

By 2011, all active cleanup operations at the former Norton AFB had been completed. Remaining sites were either going through the closure process (to certify completion) or were being monitored and maintained as required by environmental laws.

NORTON AFB

[Norton Home \(/Home/BRAC/Norton.aspx\)](/Home/BRAC/Norton.aspx)

[Environmental Cleanup Update \(/Home/BRAC/Norton/Cleanup.aspx\)](/Home/BRAC/Norton/Cleanup.aspx)

[History \(/Home/BRAC/Norton/History.aspx\)](/Home/BRAC/Norton/History.aspx)

[News \(/Home/BRAC/Norton/News.aspx\)](/Home/BRAC/Norton/News.aspx)

[Document Library \(/Home/BRAC/Norton/Library.aspx\)](/Home/BRAC/Norton/Library.aspx)

[Administrative Record \(http://afcec.publicadmin-record.us.af.mil\)](http://afcec.publicadmin-record.us.af.mil)

[Groundwater Plume Map \(/Portals/17/documents/BRAC/Norton/afd-111206-051.pdf\)](/Portals/17/documents/BRAC/Norton/afd-111206-051.pdf)

[Groundwater Plume Map \(/Portals/17/documents/BRAC/Norton/afd-111205-036.pdf\)](/Portals/17/documents/BRAC/Norton/afd-111205-036.pdf)

[Soil Cleanup Sites \(/Portals/17/documents/BRAC/Norton/afd-111209-061.pdf\)](/Portals/17/documents/BRAC/Norton/afd-111209-061.pdf)

AFCEC BRAC BASES

BASES WITH ACTIVE RABs IN BOLD

1. AFRL Mesa, Ariz (</Home/BRAC/AFRL-Mesa/>).
2. Bergstrom AFB, Texas (</Home/BRAC/Bergstrom.aspx>)
3. Brooks City-Base, Texas (</Home/BRAC/Brooks-City-Base/>)
4. Buckley Annex, Colo. (</Home/BRAC/Buckley-Annex/>)
5. Carswell AFB, Texas (</Home/BRAC/Carswell.aspx>)

6. Castle AFB, Calif. (</Home/BRAC/Castle.aspx>)

[Skip to main content \(Press Enter\)](#)

7. Chanute AFB, Ill. (</Home/BRAC/Chanute.aspx>)
8. Eaker AFB, Ark. (</Home/BRAC/Eaker.aspx>)
9. England AFB, La. (</Home/BRAC/England.aspx>)
10. Four Lakes ANGS, Wash. (</Home/BRAC/Four-Lakes-ANGS/>)
11. **Galena FOL, Alaska (</Home/BRAC/Galena.aspx>)**
12. General Mitchell ARS, Wis. (</Home/BRAC/General-Mitchell-ARS/>)
13. Gentile AFS, Ohio (</Home/BRAC/Gentile.aspx>)
14. George AFB, Calif. (</Home/BRAC/George.aspx>)
15. **Griffiss AFB, N.Y. (</Home/BRAC/Griffiss.aspx>)**
16. **Grissom AFB, Ind. (</Home/BRAC/Grissom.aspx>)**
17. Homestead AFB, Fla. (</Home/BRAC/Homestead.aspx>)
18. Kelly AFB, Texas (</Home/BRAC/Kelly.aspx>)
19. **K.I. Sawyer AFB, Mich. (</Home/BRAC/K-I-Sawyer/>)**
20. Kulis ANGB, Alaska (</Home/BRAC/Kulis-ANGB/>)
21. Loring AFB, Maine (</Home/BRAC/Loring.aspx>)
22. Lowry AFB, Colo. (</Home/BRAC/Lowry.aspx>)
23. **March AFB, Calif. (</Home/BRAC/March.aspx>)**
24. Mather AFB, Calif. (</Home/BRAC/Mather.aspx>)
25. **McClellan AFB, Calif. (</Home/BRAC/McClellan-afb/>)**
26. Myrtle Beach AFB, S.C. (</Home/BRAC/Myrtle-Beach/>)
27. Newark AFB, Ohio (</Home/BRAC/Newark.aspx>)
28. Norton AFB, Calif. (</Home/BRAC/Norton.aspx>)
29. O'Hare ARS, Ill. (</Home/BRAC/O-Hare/>)
30. Onizuka AFS, Calif. (</Home/BRAC/Onizuka.aspx>)
31. Ontario ANGB, Calif. (</Home/BRAC/Ontario.aspx>)
32. **Pease AFB, N.H. (</Home/BRAC/Pease.aspx>)**
33. **Plattsburgh AFB, N.Y. (</Home/BRAC/Plattsburgh.aspx>)**
34. Reese AFB, Texas (</Home/BRAC/Reese.aspx>)
35. Richards-Gebaur ARB, Mo. (</Home/BRAC/Richards-Gebaur.aspx>)
36. Rickenbacker ANGB, Ohio (</Home/BRAC/Rickenbacker.aspx>)
37. Roslyn ANGS, N.Y. (</Home/BRAC/Roslyn.aspx>)
38. Williams AFB, Ariz. (</Home/BRAC/Williams.aspx>)
39. **Wurtsmith AFB, Mich. (</Home/BRAC/Wurtsmith.aspx>)**

NORTON CONTACT INFO

AFCEC Public Affairs
Western Region Execution Center
3411 Olson Street
McClellan, CA
95652
Phone: (916) 643-1250 Ext. 257

REDEVELOPMENT

Local Redevelopment Authority

Inland Valley Development Agency

1601 E. Third Street, San Bernardino, CA 92408

Phone: (909) 382-4100

www.sbdairport.com (<http://www.sbdairport.com>)

QUICK LINKS

[Join the Air Force \(https://www.airforce.com/\)](https://www.airforce.com/)

[Site Map \(/Site_Map.aspx\)](/Site_Map.aspx)

[Contact Us \(/About-Us/Contact-Us/\)](/About-Us/Contact-Us/)

[RSS \(/RSS\)](/RSS)

[Questions \(/Questions.aspx\)](/Questions.aspx)

[IG \(http://www.af.mil/Inspector-General-Complaints/\)](http://www.af.mil/Inspector-General-Complaints/)

[AF Sites \(http://www.af.mil/AF-Sites/\)](http://www.af.mil/AF-Sites/)

[AF Executive Fleet](http://www.af.mil/Portals/1/documents/AF_Executive_Fleet.pdf)

(http://www.af.mil/Portals/1/documents/AF_Executive_Fleet.pdf)

[Accessibility](https://dodcio.defense.gov/DoDSection508/Std_Stmt/)

(https://dodcio.defense.gov/DoDSection508/Std_Stmt/)

[EEO \(http://www.af.mil/Equal-Opportunity/\)](http://www.af.mil/Equal-Opportunity/)

[Link Disclaimer \(http://www.af.mil/Disclaimer/\)](http://www.af.mil/Disclaimer/)

[Strategic APR](https://cmo.defense.gov/Publications/Annual-Performance-Plan-and-Performance-Report/)

(<https://cmo.defense.gov/Publications/Annual-Performance-Plan-and-Performance-Report/>)

[Suicide Prevention](http://www.airforcemedicine.af.mil/SuicidePrevention/)

(<http://www.airforcemedicine.af.mil/SuicidePrevention/>)

[SAPR \(http://www.af.mil/SAPR/\)](http://www.af.mil/SAPR/)

[USA.gov \(http://www.usa.gov/\)](http://www.usa.gov/)

[No FEAR Act \(http://prhome.defense.gov/nofear\)](http://prhome.defense.gov/nofear/)

[FOIA \(http://www.foia.af.mil/\)](http://www.foia.af.mil/)

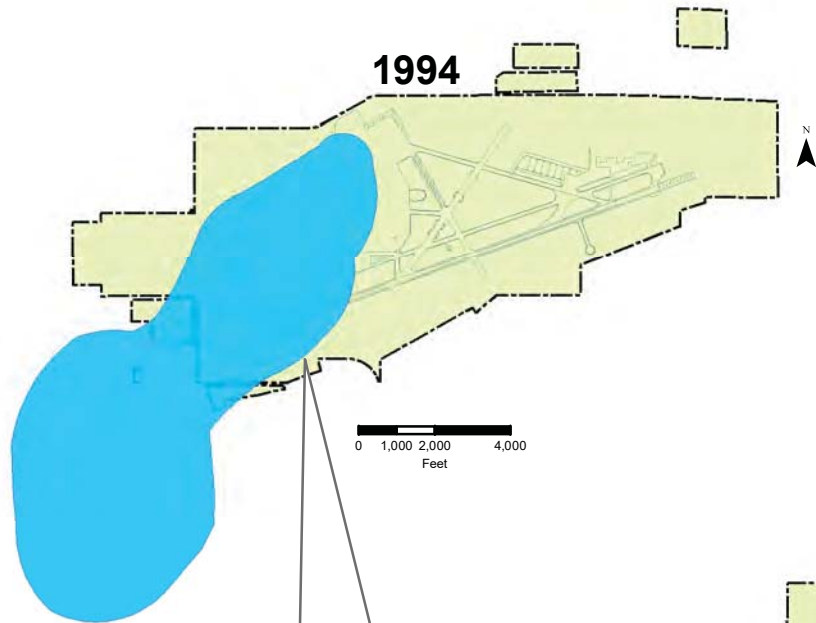
[OSI Tip Line \(https://www.osi.af.mil/Submit-a-Tip/\)](https://www.osi.af.mil/Submit-a-Tip/)

CONNECT

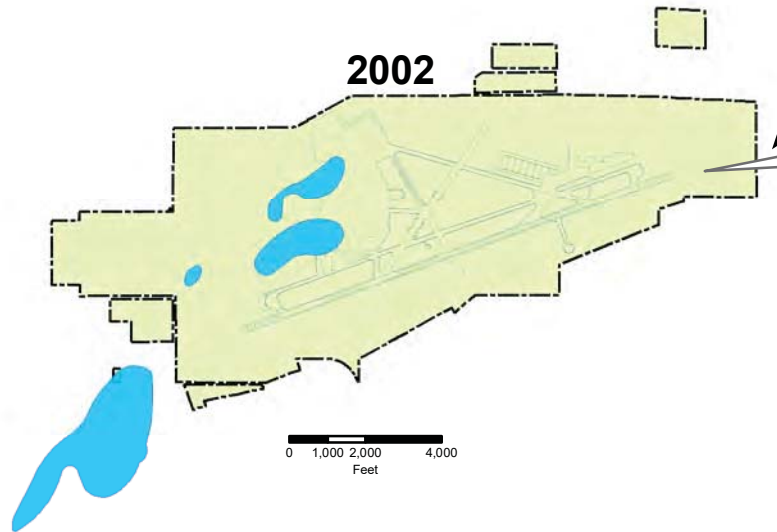


[/www.af.mil/Portals/1/documents/AF_Executive_Fleet.pdf](#)

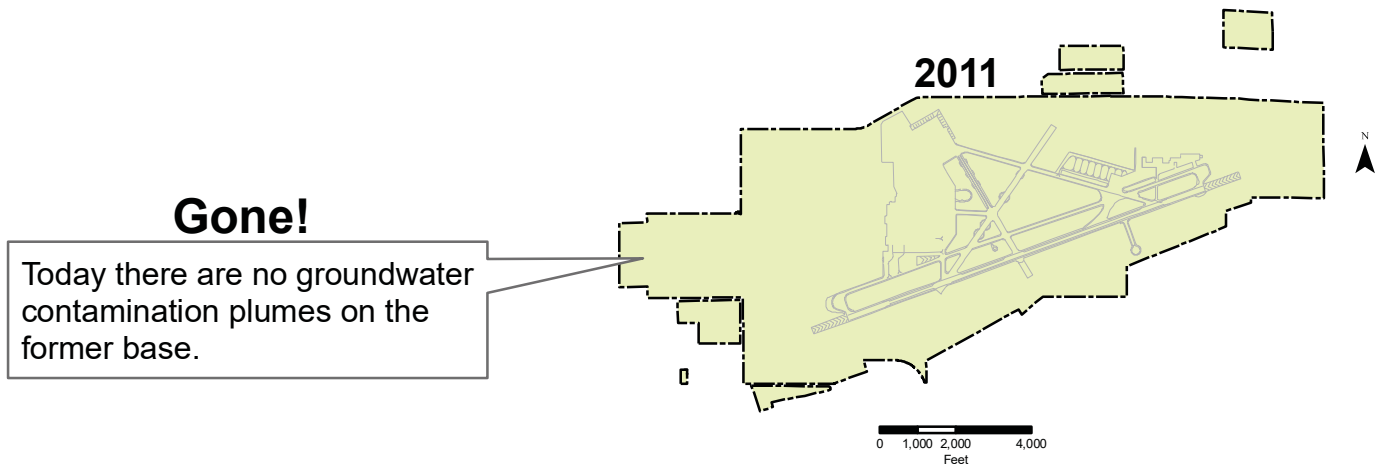
Groundwater Plumes at the Former Norton Air Force Base



Going...
Plumes of contamination, predominately the solvent TCE, were discovered when the Air Force began cleanup.



Going...
Years of clean-up resulted in significantly smaller plumes.



Gone!
Today there are no groundwater contamination plumes on the former base.

NORTON AIR FORCE BASE (LNDFLL #2) SAN BERNARDINO, CA

Site Contacts

Community Involvement Coordinator

David Yogi
(415) 972-3350

Remedial Project Manager

Lynn Bailey
(415) 972-3031

[View all site contacts »](#)

Site Location

Street Address:

I-10/US 395 FORMER NORTON
AFB
SAN BERNARDINO, CA 92408

Background

The 2,165-acre Norton Air Force Base site in San Bernardino, California, served as a major overhaul center for jet engines and aircraft repair beginning in 1942. Past hazardous material management practices contaminated groundwater and soil with polychlorinated biphenyls (PCBs), dioxins, heavy metals (such as lead) and acids. Following construction of the site's remedy, operation and maintenance activities and monitoring are ongoing.

AUGUST 27, 2021

NPL Site Narrative for Norton Air Force Base

NORTON AIR FORCE BASE San Bernardino, California

Federal Register Notice: [July 22, 1987](#)

Conditions at proposal (October 15, 1984): Norton Air Force Base covers approximately 2,036 acres 58 miles east of Los Angeles near the City of San Bernardino, San Bernardino County, California. It is in a low-lying alluvial plain surrounded on the north and east by the San Bernardino Mountain Range. The base began operations in 1942 and has served as a major overhaul center for jet engines and the general repair of aircraft. Since 1962, the facility has served as a Military Airlift Command Base. In addition, Norton formerly had the responsibility for providing maintenance and logistics for liquid-fuel intercontinental ballistic missiles.

Past hazardous waste management practices may have contributed to existing contamination problems throughout the base. The practices include burial of drums and other unspecified materials; disposal of waste oils, solvents, and paint residues into landfills, unlined pits, ponds, and drying beds; storage in leaking underground tanks; and spills of AVGAS, oils, solvents, PCBs, and acidic plating solutions.

Industrial solvents have been used extensively on the base. Unknown quantities of spent solvents were disposed of in several base landfills.

A well on the base has been contaminated with trichloroethylene (TCE). The well water is currently being used in a blended system and is sampled quarterly to ensure that TCE is below the California State action level. The water is used by approximately 11,000 people who live and/or work on the base.

Norton Air Force Base is participating in the Installation Restoration Program (IRP), established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. The Air Force has completed Phase I (records search). Phase II (remedial investigation) is underway.

Status (July 22, 1987): In November 1986, the California Regional Water Quality Control Board issued a Cleanup and Abatement Order requiring Norton to clean up one on-base area, the Industrial Waste Water Treatment Plant Sludge Drying Beds.

Phase II-Stage 2 of the IRP was completed in December 1986. It focused on characterization of the contamination at 18 on-base areas. More than 22 areas have been identified to date. Additional areas will be studied in Stage 3, scheduled to begin in the fall of 1987.

Within the boundaries of this Federal facility, there are areas subject to the Subtitle C corrective action authorities of the Resource Conservation and Recovery Act (RCRA). However, no such areas were included in scoring this specific site. Therefore, this Federal facility site is being placed on the Federal section of the NPL under the NPL/RCRA policy announced on September 8, 1983 (48 FR 40662).

[The description of the site (release) is based on information available at the time the site was evaluated with the HRS. The description may change as additional information is gathered on the sources and extent of contamination. See [56 FR 5600](#), February 11, 1991, or subsequent FR notices.]

Ana Apostolopoulos

From: foia_hq@epa.gov
Sent: Friday, August 27, 2021 12:44 PM
To: Ana Apostolopoulos
Cc: Johnson.Ivry@epa.gov
Subject: Assignment for EPA-2021-006258

Follow Up Flag: Follow up
Flag Status: Flagged

CAUTION: This email originated from outside of V3. Do not click links or open attachments unless you trust the sender.

08/27/2021

Mrs. Ana Apostolopoulos
7325 Janes Avenue
Woodridge, IL, 60517

aapostolopoulos@v3co.com

RE: Freedom of Information Act Request - EPA-2021-006258

Hello:

This letter concerns the above-mentioned Freedom of Information Act (FOIA) request, submitted to the U.S. Environmental Protection Agency (EPA), National FOIA Office (NFO) on 08/27/2021. You are seeking the following records: USEPA Department Records USAF Norton Air Force Base (AFB) Norton Air Force Base (Landfill#2) 305 S Tippecanoe Avenue, San Bernardino, California 92408 Formerly: I-10/US 395 Former Norton AFB EPA ID: CA4570024345 Facility ID: 902760 EPA Region: 9 V3 Companies is requesting the earliest to current records for the following: -Any records of site compliance and any violations and status reports; -Any records of RCRA files for the subject site; -Any information relating to any generator on subject site. .

Your FOIA request was assigned for processing. If you have any questions about your request, please contact the office mentioned below and reference your FOIA request tracking number EPA-2021-006258.

Region 9 FOIA Program: You may contact Region 9's Ivry Johnson at (415) 947-4251 or johnson.ivry@epa.gov.

If you need any further assistance or would like to discuss any aspect of your request, you may seek assistance from EPA's FOIA Public Liaison at hq.foia@epa.gov or call (202) 566-1667. You may also seek assistance from the Office of Government Information Services (OGIS). You may contact OGIS in any of the following ways: by mail, Office of Government Information Services, National Archives and Records Administration, 8601 Adelphi Road, College Park, MD 20740-6001; email: ogis@nara.gov; telephone: (202) 741-5770 or (877) 684-6448; or fax: (202) 741-5769. For all media inquiries, please contact press@epa.gov.

Sincerely,

Ana Apostolopoulos

From: foia_hq@epa.gov
Sent: Friday, August 27, 2021 10:00 AM
To: Ana Apostolopoulos
Subject: FOIA Request EPA-2021-006258 Submitted

CAUTION: This email originated from outside of V3. Do not click links or open attachments unless you trust the sender.

This message is to confirm your request submission to the FOIAonline application: [View Request](#). Request information is as follows:

- Tracking Number: EPA-2021-006258
- Requester Name: Mrs. Ana Apostolopoulos
- Date Submitted: 08/27/2021
- Request Status: Submitted
- Description: USEPA Department Records
USAF Norton Air Force Base (AFB)
Norton Air Force Base (Landfill#2)
305 S Tippecanoe Avenue, San Bernardino, California 92408
Formerly: I-10/US 395 Former Norton AFB
EPA ID: CA4570024345
Facility ID: 902760
EPA Region: 9
V3 Companies is requesting the earliest to current records for the following:
 - Any records of site compliance and any violations and status reports;
 - Any records of RCRA files for the subject site;
 - Any information relating to any generator on subject site.

[Go!](#)[Log In](#)[Create Account](#)

- [Submit a Request](#)
- [Search Requests](#)
- [Run a Report](#)
- [Create an Account](#)

Request Confirmation

Request Information		Collapse ▾	
Tracking Number	EPA-2021-006258	Request Phase	Submitted
Requester Name	Mrs. Ana Apostolopoulos	Description	Under Agency Review
Submitted Date	08/27/2021		



Search FOIAonline...

[Log In](#)

[Create Account](#)

- [Submit a Request](#)
- [Search Requests](#)
- [Run a Report](#)
- [Create an Account](#)

Preview Request

The Freedom of Information Act (FOIA) is a federal law that gives the public the right to make requests for federal agency records. Agencies may withhold information according to [nine exemptions](#) contained in the statute. The FOIA applies only to federal agencies. It does not apply to records held by Congress, the courts, or by state or local government agencies. Each state has its own public access laws that should be consulted for access to state and local records.

★ indicates a required field.

Agency Selection Collapse ▾

Agency	Environmental Protection Agency
Sub Agency	Environmental Protection Agency (General)

- Environmental Consulting Firms
- Mortgage Banks
- Real Estate Agents

looking for PROPERTY INFORMATION, find public records without filing a FOIA request.

SEARCH THESE EPA WEBSITES

MyProperty portal: <http://www.epa.gov/myproperty>

Envirofacts: <https://enviro.epa.gov/index.html>

Your search results are identical to results you would receive by filing a FOIA request.

Request Type Collapse ▾

Request Type	FOIA
---------------------	------

Contact Information		Collapse ▾	
Salutation	Mrs.	Mailing Address Location	United States/US Territories
First Name	Ana	Address Line 1	7325 Janes Avenue
Middle Initial		Address Line 2	
Last Name	Apostolopoulos	City	Woodridge
Email Address	aapostolopoulos@v3co.com	State/Province	Illinois
Organization	V3 Companies	Zip Code/Postal Code	60517
Phone Number	6307249200		
Fax Number	6307249202		

Processing Fees		Collapse ▾	
Will Pay Up To	\$25.00		

Description		Collapse ▾	
Description	USEPA Department Records USAF Norton Air Force Base (AFB) Norton Air Force Base (Landfill#2) 305 S Tippecanoe Avenue, San Bernardino, California 92408 Formerly: I-10/US 395 Former Norton AFB EPA ID: CA4570024345 Facility ID: 902760 EPA Region: 9 V3 Companies is requesting the earliest to current records for the following: -Any records of site compliance and any violations and status reports; -Any records of RCRA files for the subject site; -Any information relating to any generator on subject site.		

Request Expedited Processing		Collapse ▾	
Make Request?	No		

Request a Fee Waiver		Collapse ▾	
Make Request?	No		

Request Expedited Processing Collapse ▾

Make Request? No

Request a Fee Waiver Collapse ▾

Make Request? No

Additional Information Collapse ▾

Records Locations - Identify Region 9 - AZ CA HI NV AS FM GU MH MP PW
one or more locations where records may be located

Attach Supporting Files Collapse ▾

No supporting files have been uploaded.

I Agree. I have read the [Privacy and Security Notice](#) and agree to the terms set forth.

I Agree. **Affirmation.** Pursuant to 28 USC § 1746, I declare and affirm that under penalty of perjury under the laws of the United States of America that all of the foregoing information, statements, and signatures submitted in connection with this request and in any supporting documents are true and correct to the best of my knowledge.

ASSESSOR'S OFFICE



August 26, 2021

San Bernardino Assessor's Office
Attn: FOIA Officer
222 W. Hospitality Lane
San Bernardino, CA 92415-0311

Via email: liaison@arc.sbcounty.gov

RE: Freedom of Information Act Request
Assessing Records
17-Acre Agricultural Parcel
27050 Palmetto Avenue, Redlands, San Bernardino, California 92374
PIN#(s): 0292-041-08-0000, 0292-041-44-0000

Dear Assessor FOIA Officer:

Under the Freedom of Information Act, V3 Companies is requesting the earliest to current records for following:

- Current and historical property records for the proposed property.

We appreciate your cooperation and response to this request. Please contact me at (630) 724-9200 ext. 6235 if you need additional information to complete your research of the property records.

Due to the urgent nature of this request, it is preferred that the records be sent to my attention via E-mail (aapostolopoulos@v3co.com) or Fax (630-724-9202).

Sincerely,
V3 COMPANIES

A handwritten signature in grey ink that reads "Ana Apostolopoulos".

Ana Apostolopoulos
Project Coordinator III



Property Information Management System

San Bernardino County
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 0292-041-08-0000



Property Information

Property Address (Main Situs) Protected per CA. Govt. Code Sect. 6254.21
Protected per CA. Govt. Code Sect. 6254.21

Owner and Mailing Address CITY OF REDLANDS

C/O GREG GAGE
Protected per CA. Govt. Code Sect. 6254.21
Protected per CA. Govt. Code Sect. 6254.21

Effective Date 11/02/2004

Parcel 0292041080000

Parcel Status ACTIVE
Parcel Type REAL PROPERTY
Property ID
Tax Status ASSESSED BY COUNTY
Use Code ROW CROPS
Land Access NONE
Size 7.001 TO 14.000 ACRES
Land Type AGRICULTURAL
District SAN BERNARDINO
Resp Group SPECIAL PROPERTY
Resp Unit ALL SECTION 11 ASSESSMENTS

Current Owners

Name	Document Numbers
CITY OF REDLANDS	
R/I SOLE OWNER	20040587148
% Int 100.0000000	
Type BILLED OWNER	
Acquisition Date 08/13/2004	
Document Date 08/13/2004	
Inactive Date NONE	

Legal Parcel Map

Parcel Map	Parcel Nbr	Unit	Book	Page
	0292041080000			

Legal Description

BROWN SUB OF H L W1LL1AMS TR NO 1 LOT 4 BLK 2 9.6 AC

No Legal Reason for Change Found

No Active Homeowner's Exemptions Found



Property Address: 27050 PALMETTO AVE REDLANDS CA 92373

General Information

County: **SAN BERNARDINO**
 Parcel # (APN): **0292-041-08-0000** [Open Map](#)
 Owner: See Full Detail
 Mailing Address: **35 CAJON ST #15A REDLANDS CA 92373**
 Legal Description: **BROWN SUB OF H L W1LL1AMS TR NO 1 LOT 4 BLK 2 9.6 AC**
 Use Type: **AGRICULTURAL**
 Tax Rate Area: **104-107**



Full Detail \$14.95 [Add to Cart](#)

PLEASE NOTE: If a field is empty on this page, there is no data available, and the field will also be empty on the Full Detail property report.

Assessment

Total Value:	\$307,978	Year Assd:	2021
Land:	\$307,978	Zoning:	
Structures:		Use Code:	See Full Detail
Other:		Census Tract:	See Full Detail
% Improved:	See Full Detail	Price/SqFt:	
Exempt Amt:			
HO Exempt:	N		

Sale History

	Sale 1	Sale 2	Sale 3	Transfer
Document Date:				See Full Detail
Document Number:				See Full Detail
Document Type:				
Transfer Amount:				
Seller (Grantor):				

Property Characteristics

Bedrooms:	Fireplace:	Units:
Baths (Full):	A/C:	Stories:
Baths (Half):	Heating:	Quality:
Total Rooms:	Pool:	Building Class:
Bldg/Liv Area:	Park Type:	Condition:
Lot Acres: 9.600	Spaces:	Site Influence: See Full Detail
Lot SqFt: 418,176	Garage SqFt:	Timber Preserve:
Year Built:		Ag Preserve:
Effective Year:		

**The information provided here is deemed reliable, but is not guaranteed.

[Additional reports on this property](#) ▶

Search

Property Detail

Transaction History

Supplemental Tax Estimator

Recent Sales

Property Reports

APN: 0292-041-08-0000 Situs Address: 27050 PALMETTO AVE

Available Reports

Full Property Detail



Learn more ▶

Add to Cart \$ 14.95

Natural Hazard Package



Learn more ▶

Add to Cart \$ 19.95

View Sample

Assessors Parcel Map



Learn more ▶

Add to Cart \$ 0.00

View Sample

Soil



Learn more ▶

Add to Cart \$ 14.95

View Sample

Topography



Learn more ▶

Add to Cart \$ 7.95

View Sample

Full Transaction History



Learn more ▶

\$ 19.95

View Sample

Cart Summary

Your cart is currently empty

Property Information Management System

San Bernardino County

Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 0292-041-44-0000



Property Information

Property Address (Main Situs) Protected per CA. Govt. Code Sect. 6254.21
Protected per CA. Govt. Code Sect. 6254.21

Owner and Mailing Address CITY OF REDLANDS

C/O GREG GAGE
Protected per CA. Govt. Code Sect. 6254.21
Protected per CA. Govt. Code Sect. 6254.21

Effective Date 03/06/2008

Parcel 0292041440000

Parcel Status ACTIVE
Parcel Type REAL PROPERTY
Property ID
Tax Status ASSESSED BY COUNTY
Use Code ROW CROPS
Land Access PUBLIC UNPAVED
Size 7.001 TO 14.000 ACRES
Land Type AGRICULTURAL
District SAN BERNARDINO
Resp Group SPECIAL PROPERTY
Resp Unit ALL SECTION 11 ASSESSMENTS

Current Owners

Name	Document Numbers
CITY OF REDLANDS	
R/I SOLE OWNER	20080080356
% Int 100.0000000	
Type BILLED OWNER	
Acquisition Date 08/13/2004	
Document Date 02/22/2008	
Inactive Date NONE	

Legal Parcel Map

Parcel Map	Parcel Nbr	Unit	Book	Page
	0292041440000			

Legal Description

LOT 3 BLK 2 BROWN'S SUB EX S 235 FT OF E 1/2

No Legal Reason for Change Found

No Active Homeowner's Exemptions Found

Property Address:

General Information

County: **SAN BERNARDINO**
 Parcel # (APN): **0292-041-44-0000** [Open Map](#)
 Owner: See Full Detail
 Mailing Address: **35 CAJON ST #15A REDLANDS CA 92373**
 Legal Description: **LOT 3 BLK 2 BROWN'S SUB EX S 235 FT OF E 1/2**
 Use Type: **AGRICULTURAL**
 Tax Rate Area: **104-107**



[Full Detail \\$14.95](#) [Add to Cart](#)

PLEASE NOTE: If a field is empty on this page, there is no data available, and the field will also be empty on the Full Detail property report.

Assessment

Total Value:	\$219,110	Year Assd:	2021
Land:	\$219,110	Zoning:	
Structures:		Use Code:	See Full Detail
Other:		Census Tract:	See Full Detail
% Improved:	See Full Detail	Price/SqFt:	
Exempt Amt:			
HO Exempt:	N		

Sale History

	Sale 1	Sale 2	Sale 3	Transfer
Document Date:				See Full Detail
Document Number:				See Full Detail
Document Type:				
Transfer Amount:				
Seller (Grantor):				

Property Characteristics

Bedrooms:	Fireplace:	Units:
Baths (Full):	A/C:	Stories:
Baths (Half):	Heating:	Quality:
Total Rooms:	Pool:	Building Class:
Bldg/Liv Area:	Park Type:	Condition:
Lot Acres: 7.350	Spaces:	Site Influence: See Full Detail
Lot SqFt: 320,166	Garage SqFt:	Timber Preserve:
Year Built:		Ag Preserve:
Effective Year:		

**The information provided here is deemed reliable, but is not guaranteed.

[Additional reports on this property](#) ▶

APN: 0292-041-08-0000 Situs Address: 27050 PALMETTO AVE

Available Reports

Full Property Detail



Add to Cart \$ 14.95

Natural Hazard Package



Add to Cart \$ 19.95
View Sample

Assessors Parcel Map



Add to Cart \$ 0.00
View Sample

Soil



Add to Cart \$ 14.95
View Sample

Topography



Add to Cart \$ 7.95
View Sample

Full Transaction History



\$ 19.95
View Sample

Cart Summary

Your cart is currently empty

BUILDING DEPARTMENT



CITY OF REDLANDS
Incorporated 1888
35 Cajon Street, Redlands, CA 92373
909-798-7510
jnguyen@cityofredlands.org

Office of the City Manager

August 26, 2021

Ana Apostolopoulos
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517

Sent via email: aapostolopoulos@v3co.com

RE: Public Records Act Request No. 2278

Dear Ms. Ana Apostolopoulos:

This letter will acknowledge receipt of your Public Records Act request.

"17-Acre Agricultural Parcel 27050 Palmetto Avenue, Redlands, San Bernardino, California 92374 V3 Companies is requesting the earliest to current records for following: • Building Permits (current and historical) and zoning records; • Records of building construction/renovations and building additions including dates; • Property ownership and occupant records; • Records and permits on past or current installation and removal of underground storage tanks (USTs) and above ground storage tank (AST) systems. Records on past or current petroleum and hazardous materials incidents (i.e., spills, leaks, releases); • Records of Complaints and violations; • Records of Open Dumping. "

In accordance with the California Public Records Act (Government Code Section 6250 et seq.) (the "Act"), the City will comply with your request to the extent that your request seeks reasonably identifiable public records maintained by the City which are subject to disclosure under the provisions of the Act.

The City is currently processing your request. We have forwarded your request to the appropriate departments for review and response. If you have any questions regarding the information above, please feel free to contact me.

Sincerely,
Jimmy Nguyen
Administrative Analyst

cc: Daniel J. McHugh, City Attorney

Public Records Request Form

Records Request Information Submitted

Dear Ms. Ana Apostolopoulos:

Thank you. The City is in receipt of your request received August 26, 2021.

If you wish to check the status of your request, please return to the Public Records page and click on the Lookup Request option. You will be prompted for this tracking number, (be sure to include the PRR prefix and the dashes), along with your phone number **630-724-9200**.

If you have any questions or require additional assistance, please email us at recordsrequest@cityofredlands.org or contact us at (909) 798-7510.

Office of the City Manager
City of Redlands

[Return](#)

Public Records Request

<input type="radio"/> Mr. <input checked="" type="radio"/> Ms.	*First: <input type="text" value="Ana"/>	Middle: <input type="text"/>	*Last: <input type="text" value="Apostolopoulos"/>
Company: <input type="text" value="V3 Companies"/>			
*Topic: <input type="text" value="Building Plans/Maps"/> <input type="button" value="v"/>			
*Daytime Phone: <input type="text" value="630-724-9200"/> <small>(xxx-xxx-xxxx)</small>	Cell or Other Phone: <input type="text"/>		
Mailing Address: <input type="text" value="7325 Janes Avenue"/>	Suite/Apt. <input type="text"/>		
City: <input type="text" value="Woodridge"/>	State: <input type="text" value="IL"/>	Zip: <input type="text" value="60517"/>	
*Email Addr: <input type="text" value="aapostolopoulos@v3co.com"/>	*Re-Enter Email Addr: <input type="text" value="aapostolopoulos@v3co.com"/>		
	Fax Number: <input type="text" value="630-724-9202"/>		

General Public Request

Labels flagged with a * indicate a required field.

Be specific: Include address and owner of property, file name or number, time period, incident location and date, etc.

*Description of Your Request

17-Acre Agricultural Parcel
 27050 Palmetto Avenue, Redlands, San Bernardino, California 92374
 V3 Companies is requesting the earliest to current records for following:

If you have any questions or require additional assistance, please contact the City Manager's office at (909) 798-7510.



August 26, 2021

City of Redlands Building Department
Attn: FOIA Officer
35 Cajon Street, Suite 15A
Redlands, CA 92373

Online Request: https://destinyhosted.com/public_records.cfm?id=73352&use_type=GENERAL

RE: Freedom of Information Act Request
Building Department Records
17-Acre Agricultural Parcel
27050 Palmetto Avenue, Redlands, San Bernardino, California 92374

Dear FOIA Officer:

Under the Freedom of Information Act, V3 Companies is requesting the earliest to current records for following:

- Building Permits (current and historical) and zoning records;
- Records of building construction/renovations and building additions including dates;
- Property ownership and occupant records;
- Records and permits on past or current installation and removal of underground storage tanks (USTs) and above ground storage tank (AST) systems. Records on past or current petroleum and hazardous materials incidents (i.e., spills, leaks, releases);
- Records of Complaints and violations;
- Records of Open Dumping.

We appreciate your cooperation and response to this request. Please contact me at (630) 724-9200 ext. 6235 if you need additional information to complete your research of the property records.

Due to the urgent nature of this request, it is preferred that the records be sent to my attention via e-mail (aapostolopoulos@v3co.com) or Fax (630-724-9202).

Sincerely,
V3 COMPANIES

A handwritten signature in grey ink that reads "Ana Apostolopoulos".

Ana Apostolopoulos
Project Coordinator III

FIRE DEPARTMENT



CITY OF REDLANDS
Incorporated 1888
35 Cajon Street, Redlands, CA 92373
909-798-7510
jnguyen@cityofredlands.org

Office of the City Manager

August 26, 2021

Ana Apostolopoulos
V3 Companies
7325 Janes Avenue
Woodridge, IL 60517

Sent via email: aapostolopoulos@v3co.com

RE: Public Records Act Request No. 2279

Dear Ana Apostolopoulos:

This letter will acknowledge receipt of your Public Records Act request.

"Fire Department Records 17-Acre Agricultural Parcel 27050 Palmetto Avenue, Redlands, San Bernardino, California 92374 V3 Companies is requesting the earliest to current records for the following: • Records and permits on past or current installation and removal of underground storage tank (USTs) and above ground storage tank (AST) systems. • Records of past and current petroleum product and hazardous chemical incidents (i.e., spills, leaks, releases) • Records of inspections, complaints and violations. "

In accordance with the California Public Records Act (Government Code Section 6250 et seq.) (the "Act"), the City will comply with your request to the extent that your request seeks reasonably identifiable public records maintained by the City which are subject to disclosure under the provisions of the Act.

The City is currently processing your request. We have forwarded your request to the appropriate departments for review and response. If you have any questions regarding the information above, please feel free to contact me.

Sincerely,
Jimmy Nguyen
Administrative Analyst

cc: Daniel J. McHugh, City Attorney

Public Records Request Form

Records Request Information Submitted

Dear Ana Apostolopoulos:

Thank you. The City is in receipt of your request received August 26, 2021.

If you wish to check the status of your request, please return to the Public Records page and click on the Lookup Request option. You will be prompted for this tracking number, (be sure to include the PRR prefix and the dashes), along with your phone number **630-724-9200**.

If you have any questions or require additional assistance, please email us at recordsrequest@cityofredlands.org or contact us at (909) 798-7510.

Office of the City Manager
City of Redlands

[Return](#)

Public Records Request

<input type="radio"/> Mr. <input type="radio"/> Ms.	*First: <input type="text" value="Ana"/>	Middle: <input type="text"/>	*Last: <input type="text" value="Apostolopoulos"/>
Company:	<input type="text" value="V3 Companies"/>		
*Topic:	<input type="text" value="Other"/>		
*Daytime Phone:	<input type="text" value="630-724-9200"/> (xxx-xxx-xxxx)	Cell or Other Phone:	<input type="text"/>
Mailing Address:	<input type="text" value="7325 Janes Avenue"/>	Suite/Apt.	<input type="text"/>
City:	<input type="text" value="Woodridge"/>	State:	<input type="text" value="IL"/> Zip: <input type="text" value="60517"/>
*Email Addr:	<input type="text" value="aapostolopoulos@v3co.com"/>		*Re-Enter Email Addr: <input type="text" value="aapostolopoulos@v3co.com"/>
		Fax Number:	<input type="text" value="630-724-9202"/>

General Public Request

Labels flagged with a * indicate a required field.

Be specific: Include address and owner of property, file name or number, time period, incident location and date, etc.

***Description of Your Request**

Fire Department Records
 17-Acre Agricultural Parcel
 27050 Palmetto Avenue, Redlands, San Bernardino, California 92374
 V3 Companies is requesting the earliest to current records for the following:

If you have any questions or require additional assistance, please contact the City Manager's office at (909) 798-7510.



August 26, 2021

City of Redlands Fire Department
Attn: FOIA Officer
35 Cajon Street, Suite 12
Redlands, CA 92373

RE: Freedom of Information Act Request
Fire Department Records
17-Acre Agricultural Parcel
27050 Palmetto Avenue, Redlands, San Bernardino, California 92374

Dear FOIA Officer:

Under the Freedom of Information Act, V3 Companies is requesting the earliest to current records for the following:

- Records and permits on past or current installation and removal of underground storage tank (USTs) and above ground storage tank (AST) systems.
- Records of past and current petroleum product and hazardous chemical incidents (i.e., spills, leaks, releases)
- Records of inspections, complaints and violations.

We appreciate your cooperation and response to this request. Please contact me at (630) 724-9200 ext. 6235 if you need additional information to complete your research of the property records.

Due to the urgent nature of this request, it is preferred that the records be sent to my attention via e-mail (aapostolopoulos@v3co.com) or Fax (630-724-9202).

Sincerely,
V3 COMPANIES

A handwritten signature in grey ink that reads "Ana Apostolopoulos".

Ana Apostolopoulos
Project Coordinator III

HEALTH DEPARTMENT



Public Health
 Environmental Health Services

REQUEST TO INSPECT/REPRODUCE PUBLIC RECORDS

Return to any of the following offices:

385 N. Arrowhead Ave. 2nd Floor, San Bernardino 92415-0160
 15900 Smoke Tree St., Ste. 131, Hesperia 92345
 8575 Haven Ave., Ste. 130, Rancho Cucamonga 91730

TO BE COMPLETED BY REQUESTER					
INFORMATION FOR RECORDS REQUESTED					
Facility Name: City of Redlands Street Landfill <small>(Business or Apartment Complex name)</small>					
Location Address: 1950 Nevada Avenue		City: Redlands		State: CA	Zip: 92373
Case/File Number: <small>(If known)</small>		Inspector: <small>(If known)</small>			
Indicate time frame of information requested: (month/year or date of inspection)					
From:	To:	From:	To:	From:	To:
Specific information requested: <small>(File, inspection report, complaint, etc.)</small>					
Please see attached FOIA Request. Thank you.					
NOTE: EACH REQUESTER AND/OR FILE MUST HAVE A SEPARATE FORM COMPLETED. FOR A LIST REQUEST, PLEASE CALL (800) 442-2283.					
FEES					
Copy Fee: \$.10 Per Page					
Certified Copies: Additional \$.22 Per Page					
REQUESTER INFORMATION					
Requester Name: Ana Apostolopoulos / V3 Companies <small>(Include affiliation, i.e. business name, law office, owner, private citizen, employee, etc.)</small>					
Requester Address: 7325 Janes Avenue		City: Woodridge		State: IL	Zip: 60517
E-mail Address: aapostolopoulos@v3co.com <small>(Preferred method of delivery)</small>					
Phone Number: 630-724-9200 <small>(To notify when copies/files are ready)</small>					
OFFICE USE ONLY					
PROGRAM			DATE		
PAID \$			# PGS		
RECEIPT #			REC'D BY		



August 26, 2021

County of San Bernardino Health Department
Attn: David Wert, FOIA Officer
385 N. Arrowhead Avenue
San Bernardino, CA 92415-0120

Via email: dwert@sbcountry.gov

RE: Freedom of Information Act Request
Health Department Records
City of Redlands Street Landfill
1950 Nevada Avenue, Redlands, California 92373
Facility ID: 36-AA-0443

Dear FOIA Officer:

Under the Freedom of Information Act, V3 Companies is requesting the earliest to current records for the following:

- Records, permits, complaints, and violations related to
- Open Dumping;
- Open Burning;
- Landfilling;
- Septic Systems;
- Well Installation and Abandonment;
- Petroleum Product and Hazardous Chemical Spills and Releases

We appreciate your cooperation and response to this request. Please contact me at (630) 724-9200 ext. 6235 if you need additional information to complete your research of the property records.

Due to the urgent nature of this request, it is preferred that the records be sent to my attention via Email (aapostolopoulos@v3co.com) or Fax (630-724-9202).

Sincerely,
V3 COMPANIES

Ana Apostolopoulos
Project Coordinator III



Public Health
 Environmental Health Services

REQUEST TO INSPECT/REPRODUCE PUBLIC RECORDS

Return to any of the following offices:

385 N. Arrowhead Ave. 2nd Floor, San Bernardino 92415-0160
 15900 Smoke Tree St., Ste. 131, Hesperia 92345
 8575 Haven Ave., Ste. 130, Rancho Cucamonga 91730

TO BE COMPLETED BY REQUESTER					
INFORMATION FOR RECORDS REQUESTED					
Facility Name: City of Redlands Street Landfill <small>(Business or Apartment Complex name)</small>					
Location Address: 1950 Nevada Avenue		City: Redlands		State: CA	Zip: 92373
Case/File Number: <small>(If known)</small>		Inspector: <small>(If known)</small>			
Indicate time frame of information requested: (month/year or date of inspection)					
From:	To:	From:	To:	From:	To:
Specific information requested: <small>(File, inspection report, complaint, etc.)</small>					
Please see attached FOIA Request. Thank you.					
NOTE: EACH REQUESTER AND/OR FILE MUST HAVE A SEPARATE FORM COMPLETED. FOR A LIST REQUEST, PLEASE CALL (800) 442-2283.					
FEES					
Copy Fee: \$.10 Per Page					
Certified Copies: Additional \$.22 Per Page					
REQUESTER INFORMATION					
Requester Name: Ana Apostolopoulos / V3 Companies <small>(Include affiliation, i.e. business name, law office, owner, private citizen, employee, etc.)</small>					
Requester Address: 7325 Janes Avenue		City: Woodridge		State: IL	Zip: 60517
E-mail Address: aapostolopoulos@v3co.com <small>(Preferred method of delivery)</small>					
Phone Number: 630-724-9200 <small>(To notify when copies/files are ready)</small>					
OFFICE USE ONLY					
PROGRAM			DATE		
PAID \$			# PGS		
RECEIPT #			REC'D BY		



August 26, 2021

County of San Bernardino Health Department
Attn: David Wert, FOIA Officer
385 N. Arrowhead Avenue
San Bernardino, CA 92415-0120

Via email: dwert@sbcountry.gov

RE: Freedom of Information Act Request
Health Department Records
California Street Landfill
2151 Nevada Street, Redlands, California, 92373
Facility ID: 36-AA-0017

Dear FOIA Officer:

Under the Freedom of Information Act, V3 Companies is requesting the earliest to current records for the following:

- Records, permits, complaints, and violations related to
- Open Dumping;
- Open Burning;
- Landfilling;
- Septic Systems;
- Well Installation and Abandonment;
- Petroleum Product and Hazardous Chemical Spills and Releases

We appreciate your cooperation and response to this request. Please contact me at (630) 724-9200 ext. 6235 if you need additional information to complete your research of the property records.

Due to the urgent nature of this request, it is preferred that the records be sent to my attention via email (aapostolopoulos@v3co.com) or Fax (630-724-9202).

Sincerely,
V3 COMPANIES

Ana Apostolopoulos
Project Coordinator III



Public Health
 Environmental Health Services

REQUEST TO INSPECT/REPRODUCE PUBLIC RECORDS

Return to any of the following offices:

385 N. Arrowhead Ave. 2nd Floor, San Bernardino 92415-0160
 15900 Smoke Tree St., Ste. 131, Hesperia 92345
 8575 Haven Ave., Ste. 130, Rancho Cucamonga 91730

TO BE COMPLETED BY REQUESTER					
INFORMATION FOR RECORDS REQUESTED					
Facility Name: City of Redlands Street Landfill <small>(Business or Apartment Complex name)</small>					
Location Address: 1950 Nevada Avenue		City: Redlands		State: CA	Zip: 92373
Case/File Number: <small>(If known)</small>		Inspector: <small>(If known)</small>			
Indicate time frame of information requested: (month/year or date of inspection)					
From:	To:	From:	To:	From:	To:
Specific information requested: <small>(File, inspection report, complaint, etc.)</small>					
Please see attached FOIA Request. Thank you.					
NOTE: EACH REQUESTER AND/OR FILE MUST HAVE A SEPARATE FORM COMPLETED. FOR A LIST REQUEST, PLEASE CALL (800) 442-2283.					
FEES					
Copy Fee: \$.10 Per Page					
Certified Copies: Additional \$.22 Per Page					
REQUESTER INFORMATION					
Requester Name: Ana Apostolopoulos / V3 Companies <small>(Include affiliation, i.e. business name, law office, owner, private citizen, employee, etc.)</small>					
Requester Address: 7325 Janes Avenue		City: Woodridge		State: IL	Zip: 60517
E-mail Address: aapostolopoulos@v3co.com <small>(Preferred method of delivery)</small>					
Phone Number: 630-724-9200 <small>(To notify when copies/files are ready)</small>					
OFFICE USE ONLY					
PROGRAM			DATE		
PAID \$			# PGS		
RECEIPT #			REC'D BY		



August 26, 2021

County of San Bernardino Health Department
Attn: David Wert, FOIA Officer
385 N. Arrowhead Avenue
San Bernardino, CA 92415-0120

Via email: dwert@sbcountry.gov

RE: Freedom of Information Act Request
Health Department Records
USAF Norton Air Force Base (AFB)
Norton Air Force Base (Landfill#2)
305 S Tippecanoe Avenue, San Bernardino, California 92408
Formerly: I-10/US 395 Former Norton AFB
EPA ID: CA4570024345
Facility ID: 902760
EPA Region: 9

Dear FOIA Officer:

Under the Freedom of Information Act, V3 Companies is requesting the earliest to current records for the following:

- Records, permits, complaints, and violations related to
- Open Dumping;
- Open Burning;
- Landfilling;
- Septic Systems;
- Well Installation and Abandonment;
- Petroleum Product and Hazardous Chemical Spills and Releases

We appreciate your cooperation and response to this request. Please contact me at (630) 724-9200 ext. 6235 if you need additional information to complete your research of the property records.

Due to the urgent nature of this request, it is preferred that the records be sent to my attention via Email (aapostolopoulos@v3co.com) or Fax (630-724-9202).

Sincerely,
V3 COMPANIES

A handwritten signature in grey ink that reads "Ana Apostolopoulos".

Ana Apostolopoulos
Project Coordinator III

7325 Janes Avenue, Woodridge, Illinois 60517 | 630.724.9200

V3 | Visio, Vertere, Virtute ... *The Vision to Transform with Excellence*

APPENDIX G
PREVIOUS REPORTS

No previous reports were provided.

APPENDIX H
TITLE RECORDS



First American

Commitment

ALTA Commitment for Title Insurance

ISSUED BY

First American Title Insurance Company

File No: NCS-1014393-ONT1

COMMITMENT FOR TITLE INSURANCE

Issued By

FIRST AMERICAN TITLE INSURANCE COMPANY

NOTICE

IMPORTANT-READ CAREFULLY: THIS COMMITMENT IS AN OFFER TO ISSUE ONE OR MORE TITLE INSURANCE POLICIES. ALL CLAIMS OR REMEDIES SOUGHT AGAINST THE COMPANY INVOLVING THE CONTENT OF THIS COMMITMENT OR THE POLICY MUST BE BASED SOLELY IN CONTRACT.

THIS COMMITMENT IS NOT AN ABSTRACT OF TITLE, REPORT OF THE CONDITION OF TITLE, LEGAL OPINION, OPINION OF TITLE, OR OTHER REPRESENTATION OF THE STATUS OF TITLE. THE PROCEDURES USED BY THE COMPANY TO DETERMINE INSURABILITY OF THE TITLE, INCLUDING ANY SEARCH AND EXAMINATION, ARE PROPRIETARY TO THE COMPANY, WERE PERFORMED SOLELY FOR THE BENEFIT OF THE COMPANY, AND CREATE NO EXTRACONTRACTUAL LIABILITY TO ANY PERSON, INCLUDING A PROPOSED INSURED.

THE COMPANY'S OBLIGATION UNDER THIS COMMITMENT IS TO ISSUE A POLICY TO A PROPOSED INSURED IDENTIFIED IN SCHEDULE A IN ACCORDANCE WITH THE TERMS AND PROVISIONS OF THIS COMMITMENT. THE COMPANY HAS NO LIABILITY OR OBLIGATION INVOLVING THE CONTENT OF THIS COMMITMENT TO ANY OTHER PERSON.

COMMITMENT TO ISSUE POLICY

Subject to the Notice; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions; and the Commitment Conditions, ***First American Title Insurance Company***, a Nebraska Corporation (the "Company"), commits to issue the Policy according to the terms and provisions of this Commitment. This Commitment is effective as of the Commitment Date shown in Schedule A for each Policy described in Schedule A, only when the Company has entered in Schedule A both the specified dollar amount as the Proposed Policy Amount and the name of the Proposed Insured.

If all of the Schedule B, Part I-Requirements have not been met within six months after the Commitment Date, this Commitment terminates and the Company's liability and obligation end.

First American Title Insurance Company

Dennis J. Gilmore, President

Greg L. Smith, Secretary

If this jacket was created electronically, it constitutes an original document.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.

COMMITMENT CONDITIONS

1. DEFINITIONS

- (a) "Knowledge" or "Known": Actual or imputed knowledge, but not constructive notice imparted by the Public Records.
- (b) "Land": The land described in Schedule A and affixed improvements that by law constitute real property. The term "Land" does not include any property beyond the lines of the area described in Schedule A, nor any right, title, interest, estate, or easement in abutting streets, roads, avenues, alleys, lanes, ways, or waterways, but this does not modify or limit the extent that a right of access to and from the Land is to be insured by the Policy.
- (c) "Mortgage": A mortgage, deed of trust, or other security instrument, including one evidenced by electronic means authorized by law.
- (d) "Policy": Each contract of title insurance, in a form adopted by the American Land Title Association, issued or to be issued by the Company pursuant to this Commitment.
- (e) "Proposed Insured": Each person identified in Schedule A as the Proposed Insured of each Policy to be issued pursuant to this Commitment.
- (f) "Proposed Policy Amount": Each dollar amount specified in Schedule A as the Proposed Policy Amount of each Policy to be issued pursuant to this Commitment.
- (g) "Public Records": Records established under state statutes at the Commitment Date for the purpose of imparting constructive notice of matters relating to real property to purchasers for value and without Knowledge.
- (h) "Title": The estate or interest described in Schedule A.

2. If all of the Schedule B, Part I—Requirements have not been met within the time period specified in the Commitment to Issue Policy, this Commitment terminates and the Company's liability and obligation end.

3. The Company's liability and obligation is limited by and this Commitment is not valid without:

- (a) the Notice;
- (b) the Commitment to Issue Policy;
- (c) the Commitment Conditions;
- (d) Schedule A;
- (e) Schedule B, Part I—Requirements; and
- (f) Schedule B, Part II—Exceptions.

4. COMPANY'S RIGHT TO AMEND

The Company may amend this Commitment at any time. If the Company amends this Commitment to add a defect, lien, encumbrance, adverse claim, or other matter recorded in the Public Records prior to the Commitment Date, any liability of the Company is limited by Commitment Condition 5. The Company shall not be liable for any other amendment to this Commitment.

5. LIMITATIONS OF LIABILITY

- (a) The Company's liability under Commitment Condition 4 is limited to the Proposed Insured's actual expense incurred in the interval between the Company's delivery to the Proposed Insured of the Commitment and the delivery of the amended Commitment, resulting from the Proposed Insured's good faith reliance to:
 - (i) comply with the Schedule B, Part I—Requirements;
 - (ii) eliminate, with the Company's written consent, any Schedule B, Part II—Exceptions; or
 - (iii) acquire the Title or create the Mortgage covered by this Commitment.
- (b) The Company shall not be liable under Commitment Condition 5(a) if the Proposed Insured requested the amendment or had Knowledge of the matter and did not notify the Company about it in writing.
- (c) The Company will only have liability under Commitment Condition 4 if the Proposed Insured would not have incurred the expense had the Commitment included the added matter when the Commitment was first delivered to the Proposed Insured.
- (d) The Company's liability shall not exceed the lesser of the Proposed Insured's actual expense incurred in good faith and described in Commitment Conditions 5(a)(i) through 5(a)(iii) or the Proposed Policy Amount.
- (e) The Company shall not be liable for the content of the Transaction Identification Data, if any.
- (f) In no event shall the Company be obligated to issue the Policy referred to in this Commitment unless all of the Schedule B, Part I—Requirements have been met to the satisfaction of the Company.
- (g) In any event, the Company's liability is limited by the terms and provisions of the Policy.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.

6. LIABILITY OF THE COMPANY MUST BE BASED ON THIS COMMITMENT

- (a) Only a Proposed Insured identified in Schedule A, and no other person, may make a claim under this Commitment.
- (b) Any claim must be based in contract and must be restricted solely to the terms and provisions of this Commitment.
- (c) Until the Policy is issued, this Commitment, as last revised, is the exclusive and entire agreement between the parties with respect to the subject matter of this Commitment and supersedes all prior commitment negotiations, representations, and proposals of any kind, whether written or oral, express or implied, relating to the subject matter of this Commitment.
- (d) The deletion or modification of any Schedule B, Part II—Exception does not constitute an agreement or obligation to provide coverage beyond the terms and provisions of this Commitment or the Policy.
- (e) Any amendment or endorsement to this Commitment must be in writing and authenticated by a person authorized by the Company.
- (f) When the Policy is issued, all liability and obligation under this Commitment will end and the Company's only liability will be under the Policy.

7. IF THIS COMMITMENT HAS BEEN ISSUED BY AN ISSUING AGENT

The issuing agent is the Company's agent only for the limited purpose of issuing title insurance commitments and policies. The issuing agent is not the Company's agent for the purpose of providing closing or settlement services.

8. PRO-FORMA POLICY

The Company may provide, at the request of a Proposed Insured, a pro-forma policy illustrating the coverage that the Company may provide. A pro-forma policy neither reflects the status of Title at the time that the pro-forma policy is delivered to a Proposed Insured, nor is it a commitment to insure.

9. ARBITRATION

Arbitration provision intentionally removed.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.



First American

Schedule A

ALTA Commitment for Title Insurance

ISSUED BY

First American Title Insurance Company

File No: NCS-1014393-ONT1

Transaction Identification Data for reference only:

Issuing Agent: First American Title Insurance Company National Commercial Services

Commitment No.: NCS-1014393-ONT1

Property Address: Palmetto Avenue, Redlands, CA

Revision No.: 1. Updated 07/14/2021

Issuing Office: 3281 E Guasti Road, Suite 440, Ontario, CA 91761

Issuing Office File No.: NCS-1014393-ONT1

Escrow Officer/Assistant: /

Phone: /

Email: /

Title Officer/Assistant: Greg Franke/Erin West

Phone: (909)510-6200/(909)510-6215

Email: gfranke@firstam.com/ewest@firstam.com

SCHEDULE A

1. Commitment Date: July 06, 2020 at 8:00 AM
2. Policy to be issued:
 - (a) 2006 ALTA® ALTA Standard Owner Policy
Proposed Insured: To Be Determined
Proposed Policy Amount: \$ To Be Determined
 - (b) ALTA® Policy
Proposed Insured:
Proposed Policy Amount: \$
 - (c) ALTA® Policy
Proposed Insured:
Proposed Policy Amount: \$
3. The estate or interest in the Land described or referred to in this Commitment is

Fee Simple
4. The Title is, [at the Commitment Date, vested in:](#)

City of Redlands, Municipal Corporation
5. The Land is described as follows:

See Exhibit "A" attached hereto and made a part hereof

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.



First American

Schedule BI & BII

ALTA Commitment for Title Insurance

ISSUED BY

First American Title Insurance Company

File No: NCS-1014393-ONT1

Commitment No.: NCS-1014393-ONT1

SCHEDULE B, PART I

Requirements

All of the following Requirements must be met:

- A. The Proposed Insured must notify the Company in writing of the name of any party not referred to in this Commitment who will obtain an interest in the Land or who will make a loan on the Land. The Company may then make additional Requirements or Exceptions.
- B. Pay the agreed amount for the estate or interest to be insured.
- C. Pay the premiums, fees, and charges for the Policy to the Company.
- D. Documents satisfactory to the Company that convey the Title or create the Mortgage to be insured, or both, must be properly authorized, executed, delivered, and recorded in the Public Records.
- E. Releases(s) or Reconveyance(s) of Item(s): None
- F. Other: None
- G. You must give us the following information:
 - a. Any off record leases, surveys, etc.
 - b. Statement(s) of Identity, all parties.
 - c. Other: None

The following additional requirements, as indicated by "X", must be met:

- H. Provide information regarding any off-record matters, which may include, but are not limited to: leases, recent works of improvement, or commitment statements in effect under the Environmental Responsibility Acceptance Act, Civil Code Section 850, et seq.

The Company's Owner's Affidavit form (as provided by the company) must be completed and submitted prior to close in order to satisfy this requirement. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

- I. An ALTA/NSPS survey of recent date, which complies with the current minimum standard detail requirements for ALTA/NSPS land title surveys, must be submitted to the Company for review. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.

- J. The following LLC documentation is required from:
 - (i) a copy of the Articles of Organization
 - (ii) a copy of the Operating Agreement, if applicable
 - (iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
 - (iv) express Company Consent to the current transaction

- K. The following partnership documentation is required :
 - (i) a copy of the partnership agreement, including all applicable amendments thereto
 - (ii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
 - (iii) express Partnership Consent to the current transaction

- L. The following corporation documentation is required:
 - (i) a copy of the Articles of Incorporation
 - (ii) a copy of the Bylaws, including all applicable Amendments thereto
 - (iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
 - (iv) express Corporate Resolution consenting to the current transaction

- M. Based upon the Company's review of that certain partnership/operating agreement dated **Not disclosed** for the proposed insured herein, the following requirements must be met: Any further amendments to said agreement must be submitted to the Company, together with an affidavit from one of the general partners or members stating that it is a true copy, that said partnership or limited liability company is in full force and effect, and that there have been no further amendments to the agreement. This Commitment will then be subject to such further requirements as may be deemed necessary.

- N. A copy of the complete lease, as referenced in Schedule A, #3 herein, together with any amendments and/or assignments thereto, must be submitted to the Company for review, along with an affidavit executed by the present lessee stating that it is a true copy, that the lease is in full force and effect, and that there have been no further amendments to the lease. This Commitment will then be subject to such further requirements as may be deemed necessary.

- O. Approval from the Company's Underwriting Department must be obtained for issuance of the policy contemplated herein and any endorsements requested thereunder. This Commitment will then be subject to such further requirements as may be required to obtain such approval.

- P. Potential additional requirements, if ALTA Extended coverage is contemplated hereunder, and work on the land has commenced prior to close, some or all of the following requirements, and any other requirements which may be deemed necessary, may need to be met:

- Q. The Company's "Indemnity Agreement I" must be executed by the appropriate parties.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.

- R. Financial statements from the appropriate parties must be submitted to the Company for review.
- S. A copy of the construction contract must be submitted to the Company for review.
- T. An inspection of the Land must be performed by the Company for verification of the phase of construction.
- U. The Company's "Mechanic's Lien Risk Addendum" form must be completed by a Company employee, based upon information furnished by the appropriate parties involved.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.



First American

Schedule BI & BII (Cont.)

ALTA Commitment for Title Insurance

ISSUED BY

First American Title Insurance Company

File No: NCS-1014393-ONT1

Commitment No.: NCS-1014393-ONT1

SCHEDULE B, PART II

Exceptions

THIS COMMITMENT DOES NOT REPUBLISH ANY COVENANT, CONDITION, RESTRICTION, OR LIMITATION CONTAINED IN ANY DOCUMENT REFERRED TO IN THIS COMMITMENT TO THE EXTENT THAT THE SPECIFIC COVENANT, CONDITION, RESTRICTION, OR LIMITATION VIOLATES STATE OR FEDERAL LAW BASED ON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, GENDER IDENTITY, HANDICAP, FAMILIAL STATUS, OR NATIONAL ORIGIN.

The Policy will not insure against loss or damage resulting from the terms and provisions of any lease or easement identified in Schedule A, and will include the following Exceptions unless cleared to the satisfaction of the Company:

1. Any defect, lien, encumbrance, adverse claim, or other matter that appears for the first time in the Public Records or is created, attaches, or is disclosed between the Commitment Date and the date on which all of the Schedule B, Part I-Requirements are met.
2. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
3. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
4. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
5. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
6. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
7. General and special taxes and assessments for the fiscal year 2021-2022, a lien not yet due or payable.
8. This item has been intentionally deleted.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.

(Affects Portion Parcels 1 and 2)

9. General and special taxes and assessments for the fiscal year 2020-2021 are exempt. If the exempt status is terminated an additional tax may be levied. A.P. No.: 0292-041-38-0-000.

(Affects Portion Parcel 1 and other Property)

10. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.
11. An easement for street right of way and incidental purposes, recorded March 10, 1893 in [Book 176 of Deeds, Page 16](#).
In Favor of: Henry L. Williams and Alice G Williams, his wife
Affects: as described therein

The location of the easement cannot be determined from record information.

12. An easement for pipelines and incidental purposes, recorded April 6, 1891 in [Book 128 of Deeds, Page 299](#).
In Favor of: Riverside Trust Company, Ltd.
as described therein

The location of the easement cannot be determined from record information.

13. An easement for sewer system and incidental purposes, recorded December 14, 1988 as Instrument No. [88-435170](#) of Official Records.
In Favor of: City of Redlands
Affects: East 4 feet of Lots 3 and 6, Block 2

14. A lease dated August 3, 2004, executed by City of Redlands as lessor and Yun Ja Kwon as lessee, recorded August 09, 2004 as Instrument No. [04-571373](#) of Official Records.

15. A lease dated September 6, 2005, executed by City of Redlands as lessor and Jose Gabino Cordero Meneses as lessee, recorded September 14, 2005 as Instrument No. [05-684006](#) of Official Records.

16. An easement for temporary construction easement purposes and incidental purposes, recorded October 24, 2005 as Instrument No. [05-796437](#) of Official Records.
In Favor of: County of San Bernardino
Affects: The Easterly 40.00 feet of the Westerly 68.00 feet of Lot 4

17. An easement for permanent storm drain easement purposes and incidental purposes, recorded October 24, 2005 as Instrument No. [05-796438](#) of Official Records.
In Favor of: County of San Bernardino
Affects: The westerly 28.00 feet of Lot 4

18. Easements for utilities over and across the premises formerly included within the boundaries of Pine Street now vacated, if any such exists.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.

19. We find no outstanding voluntary liens of record affecting subject property. An inquiry should be made concerning the existence of any unrecorded lien or other indebtedness which could give rise to any security interest in the subject property.
20. Any claim that the Title is subject to a trust or lien created under The Perishable Agricultural Commodities Act, 1930 (7 U.S.C. §§499a, et seq.) or the Packers and Stockyards Act (7 U.S.C. §§181 et seq.) or under similar state laws.
21. Water rights, claims or title to water, whether or not shown by the public records.
22. Rights of the public in and to that portion of the Land lying within any public road, street or highway.
23. Rights of parties in possession.
24. This item has been intentionally deleted.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.

ALERT - CA Senate Bill 2 imposes an additional fee of \$75 up to \$225 at the time of recording on certain transactions effective January 1, 2018. Please contact your First American Title representative for more information on how this may affect your closing.

1. General and special taxes and assessments for the fiscal year 2020-2021.

First Installment:	\$1,979.13, PAID
Penalty:	\$0.00
Second Installment:	\$1,979.11, PAID
Penalty:	\$0.00
Tax Rate Area:	104107
A. P. No.:	0292-041-08-0-000

2. Taxes for proration purposes only for the fiscal year 2020-2021.

First Installment:	\$1,432.21, PAID
Second Installment:	\$1,432.19, PAID
Tax Rate Area:	104107
APN:	0292-041-44-0-000

(Affects Portion Parcels 1 and 2)

3. The property covered by this report is vacant land.

4. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

None

5. This preliminary report/commitment was prepared based upon an application for a policy of title insurance that identified land by street address or assessor's parcel number only. It is the responsibility of the applicant to determine whether the land referred to herein is in fact the land that is to be described in the policy or policies to be issued.

The map attached, if any, may or may not be a survey of the land depicted thereon. First American Title Insurance Company expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of this Commitment or the Policy, if any, to which the map is attached.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.



First American

ISSUED BY
First American Title Insurance Company

File No: NCS-1014393-ONT1

Exhibit A

File No.: NCS-1014393-ONT1

The Land referred to herein below is situated in the City of Redlands, County of San Bernardino, State of California, and is described as follows:

PARCEL 1:

THOSE PORTIONS OF LOTS 3 AND 4, BLOCK 2 OF MAP SHOWING BROWNS SUBDIVISION OF LOTS 1, 2, 3 AND 4 IN BLOCK 2 AND LOTS 1, 2, 3, 4, 13, 14, 15 AND 16 IN BLOCK 1 OF MAP NO. 1 OF THE HENRY L. WILLIAMS TRACT, IN THE UNINCORPORATED TERRITORY OF THE COUNTY OF SAN BERNARDINO STATE OF CALIFORNIA, AS PER MAP RECORDED IN [BOOK 8, PAGE 96](#) OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, TOGETHER WITH THE SOUTH HALF OF PINE AVENUE (VACATED) SHOWN ON SAID MAP AND PURSUANT TO CERTIFICATE OF COMPLIANCE NO. EVL 117-09 RECORDED NOVEMBER 4, 2009 AS INSTRUMENT NO. [2009-0480606](#) OF OFFICIAL RECORDS, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF THE SOUTH 235.00 FEET OF SAID LOTS 3 AND 4, BLOCK 2;

THENCE ALONG THE EAST LINE OF SAID LOT 3 BLOCK 2 AND ITS NORTHERLY PROLONGATION, NORTH 00° 35' 04" EAST, 424.93 FEET TO THE CENTERLINE OF SAID VACATED PINE AVENUE;

THENCE ALONG SAID CENTERLINE NORTH 89° 27' 49" WEST, 1288.18 FEET TO THE NORTHERLY PROLONGATION OF THE WEST LINE OF SAID LOT 4, BLOCK 2, SAID WEST LINE ALSO BEING THE EAST LINE OF NEVADA STREET (60.00 FEET WIDE) AS SHOWN ON SAID MAP;

THENCE ALONG SAID WEST LINE AND NORTHERLY PROLONGATION, SOUTH 00° 34' 35 " WEST, 424.93 FEET TO THE NORTH LINE OF SAID SOUTH 235.00 FEET OF LOTS 3 AND 4, BLOCK 2;

THENCE ALONG SAID NORTH LINE SOUTH 89° 27' 48" EAST 1288.72 FEET TO THE POINT OF BEGINNING.

PARCEL 2:

THOSE PORTIONS OF LOTS 3 AND 4, BLOCK 2 OF MAP SHOWING BROWNS SUBDIVISION OF LOTS 1, 2, 3 AND 4 IN BLOCK 2 AND LOTS 1, 2, 3, 4, 13, 14, 15 AND 16 IN BLOCK 1 OF MAP NO. 1 OF THE HENRY L. WILLIAMS TRACT, IN THE UNINCORPORATED TERRITORY OF THE COUNTY OF SAN BERNARDINO STATE OF CALIFORNIA, AS PER MAP RECORDED IN [BOOK 8, PAGE 96](#) OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, AND PURSUANT TO CERTIFICATE OF COMPLIANCE NO. EVL 118-09 RECORDED NOVEMBER 4, 2009 AS INSTRUMENT NO. [2009-0480607](#) OF OFFICIAL RECORDS, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF THE SOUTH 235.00 FEET OF SAID LOTS 3 AND 4, BLOCK 2, SAID CORNER ALSO BEING ON THE EAST LINE OF NEVADA STREET (60.00 FEET WIDE) AS SHOWN ON SAID MAP;

THENCE ALONG THE NORTH LINE OF SAID SOUTH 235.00 FEET OF LOTS 3 AND 4, BLOCK 2, SOUTH 89° 27' 48" EAST, 958.60 FEET TO THE WEST LINE OF THE EAST HALF OF SAID LOT 3 BLOCK 2;

THENCE ALONG SAID WEST LINE SOUTH 00° 34' 56" WEST, 235.00 FEET TO THE SOUTH LINE OF SAID LOT 3 BLOCK 2;

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.

THENCE ALONG THE SOUTH LINES OF SAID LOTS 3 AND 4, BLOCK 2 NORTH 89° 27' 48" WEST, 958.58 FEET TO THE WEST LINE OF SAID LOT 4, BLOCK 2;

THENCE ALONG SAID WEST LINE NORTH 00° 34' 35" EAST, 235.00 FEET TO THE POINT OF BEGINNING.

For conveyancing purposes only: APN 0292-041-08 Portion Parcels 1 and 2; 0292-041-38 Portion Parcel 1 and other property; 0292-041-44 Portion Parcels 1 and 2 and other property

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

Copyright 2006-2016 American Land Title Association. All rights reserved.

The use of this Form (or any derivative thereof) is restricted to ALTA licensees and ALTA members in good standing as of the date of use. All other uses are prohibited. Reprinted under license from the American Land Title Association.

APPENDIX I
HISTORICAL RECORDS & MAPS

AERIALS



Vacant Property Redlands CA

27050 PALMETTO AVE

REDLANDS, CA 92374

Inquiry Number: 6630553.8

August 23, 2021

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

08/23/21

Site Name:

Vacant Property Redlands CA
27050 PALMETTO AVE
REDLANDS, CA 92374
EDR Inquiry # 6630553.8

Client Name:

V3 Companies of IL, LTD
7325 Janes Avenue
Woodridge, IL 60517
Contact: Elaine Petkovsek



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
1989	1"=500'	Flight Date: August 15, 1989	USDA
1985	1"=500'	Flight Date: July 28, 1985	USDA
1975	1"=500'	Flight Date: December 01, 1975	USGS
1968	1"=500'	Flight Date: August 22, 1968	USDA
1966	1"=500'	Flight Date: April 16, 1966	USGS
1959	1"=500'	Flight Date: June 22, 1959	USDA
1953	1"=500'	Flight Date: January 15, 1953	USDA
1949	1"=500'	Flight Date: May 08, 1949	USDA
1938	1"=500'	Flight Date: July 04, 1938	USDA
1930	1"=500'	Flight Date: March 25, 1930	FAIR

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



INQUIRY #: 6630553.8

YEAR: 2016

— = 500'





INQUIRY #: 6630553.8

YEAR: 2012

— = 500'





INQUIRY #: 6630553.8

YEAR: 2009

— = 500'





INQUIRY #: 6630553.8

YEAR: 2006

— = 500'



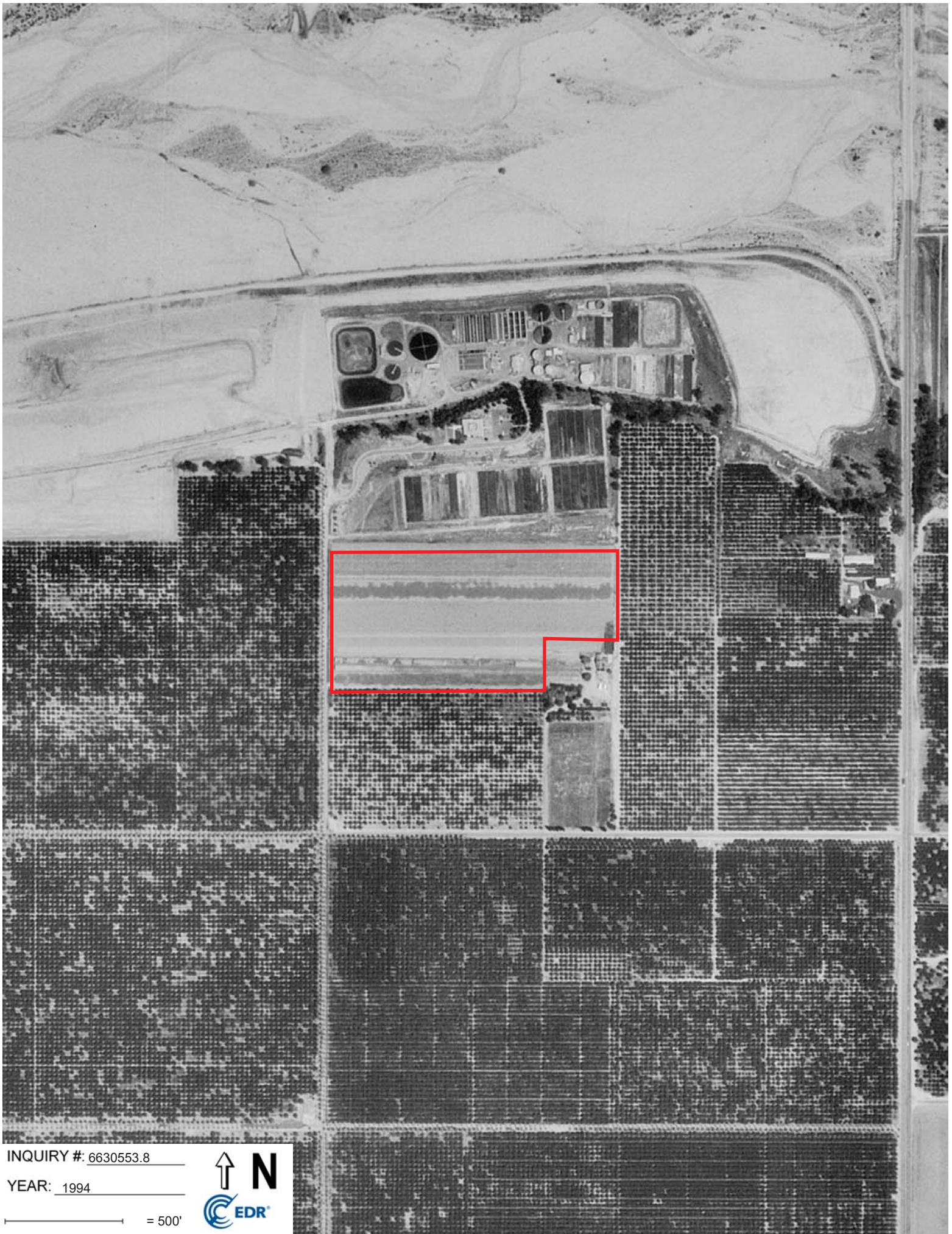


INQUIRY #: 6630553.8

YEAR: 2002

— = 500'



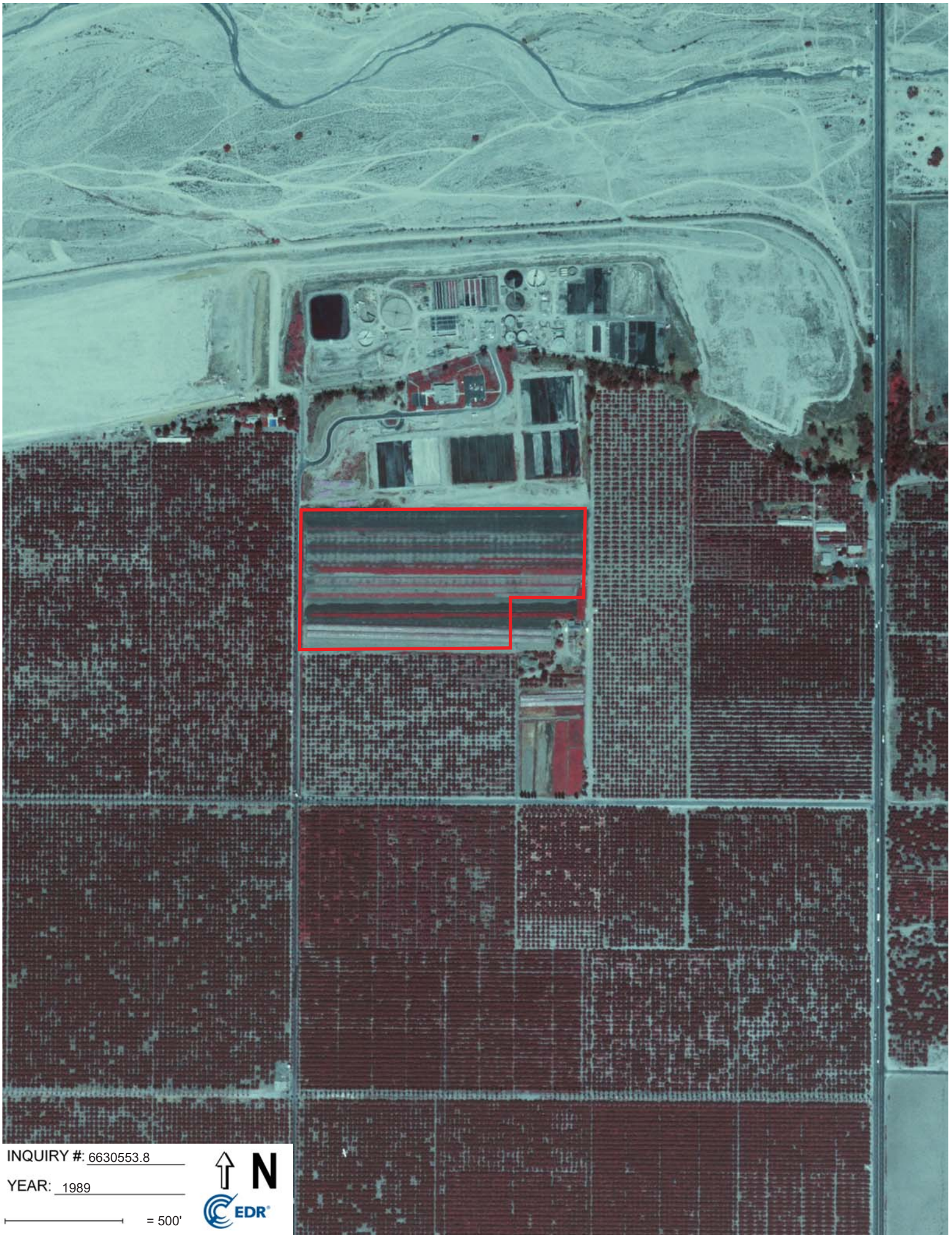


INQUIRY #: 6630553.8

YEAR: 1994

— = 500'



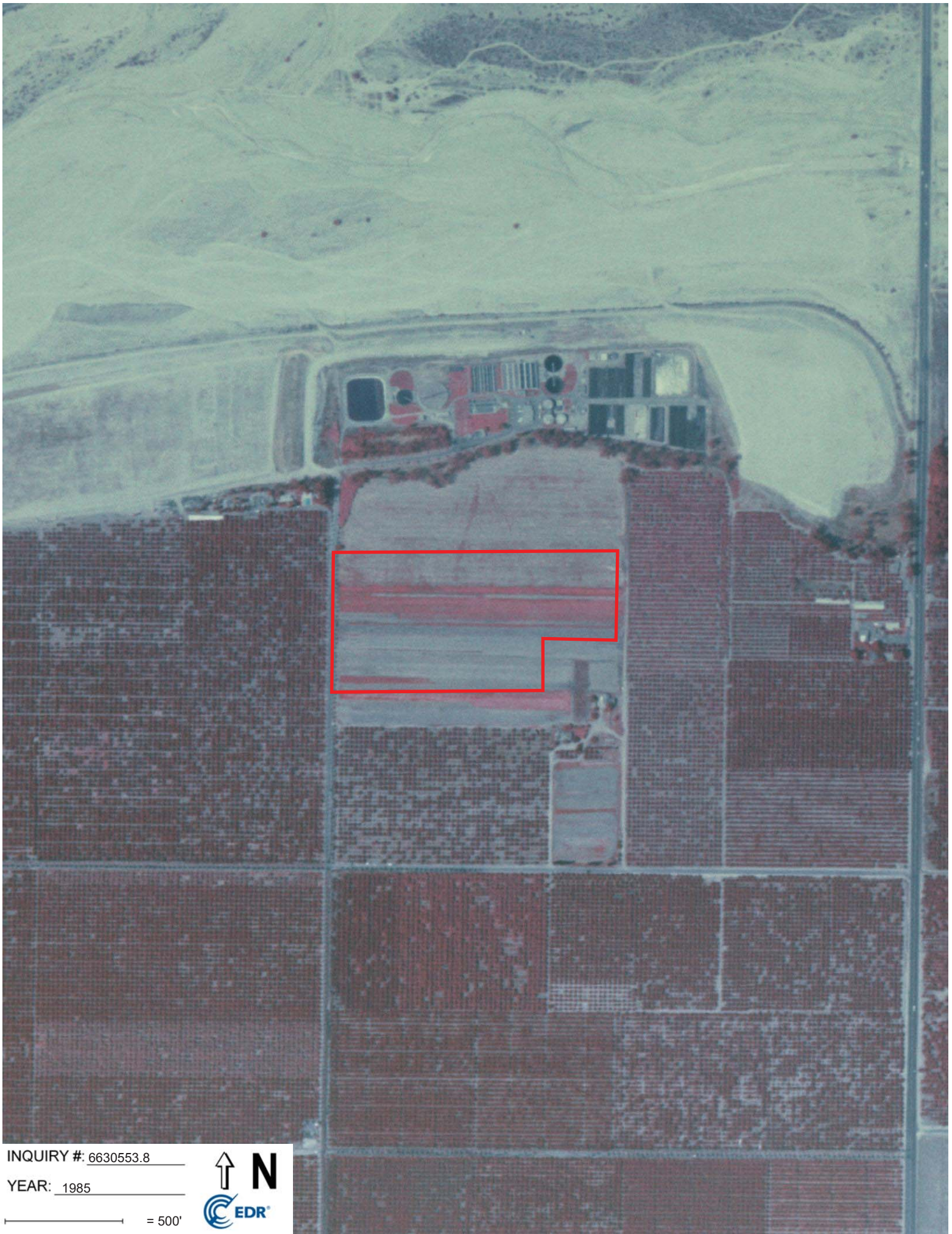


INQUIRY #: 6630553.8

YEAR: 1989

— = 500'



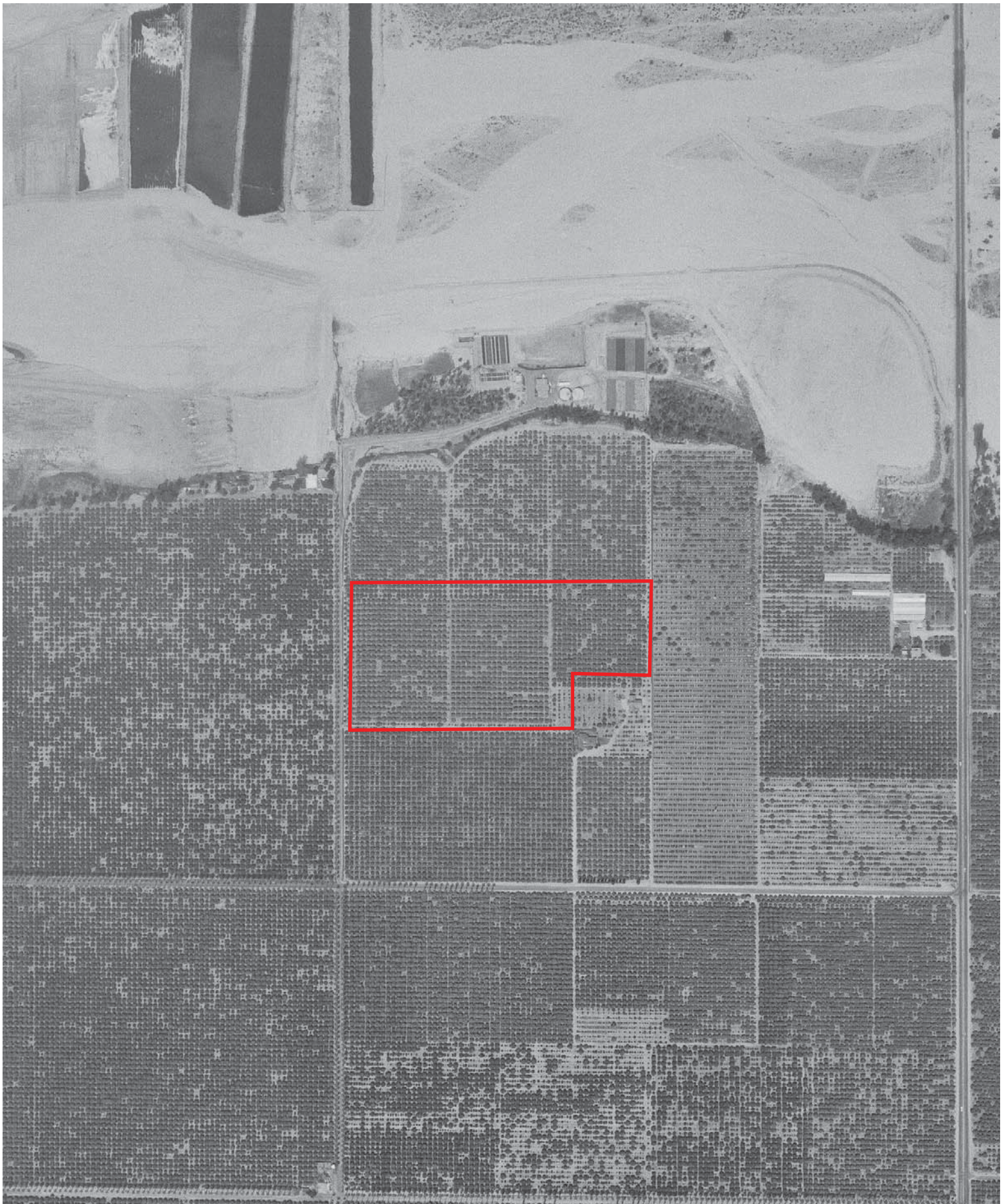


INQUIRY #: 6630553.8

YEAR: 1985

— = 500'





INQUIRY #: 6630553.8

YEAR: 1966

— = 500'



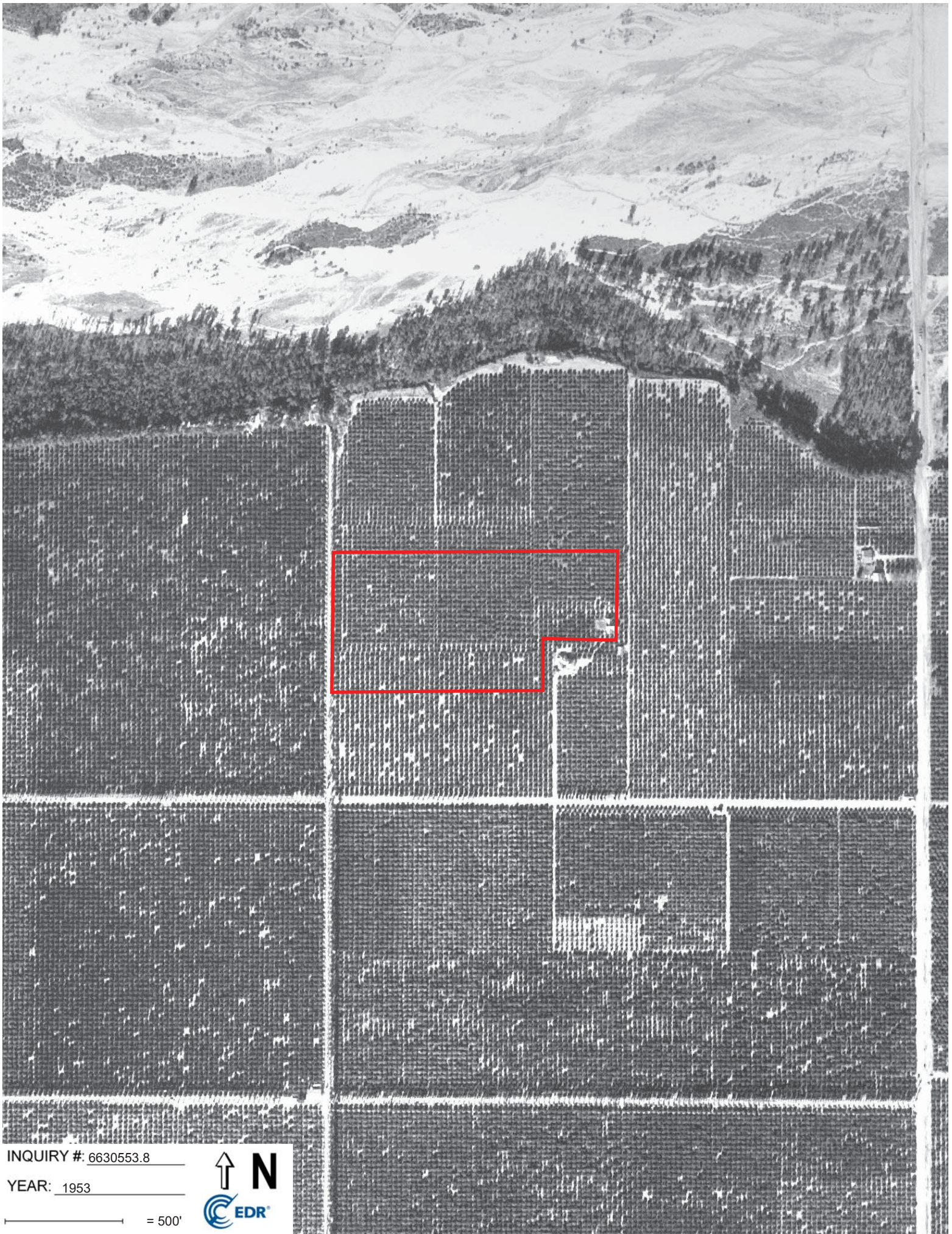


INQUIRY #: 6630553.8

YEAR: 1959

— = 500'





INQUIRY #: 6630553.8

YEAR: 1953

— = 500'





INQUIRY #: 6630553.8

YEAR: 1949

— = 500'



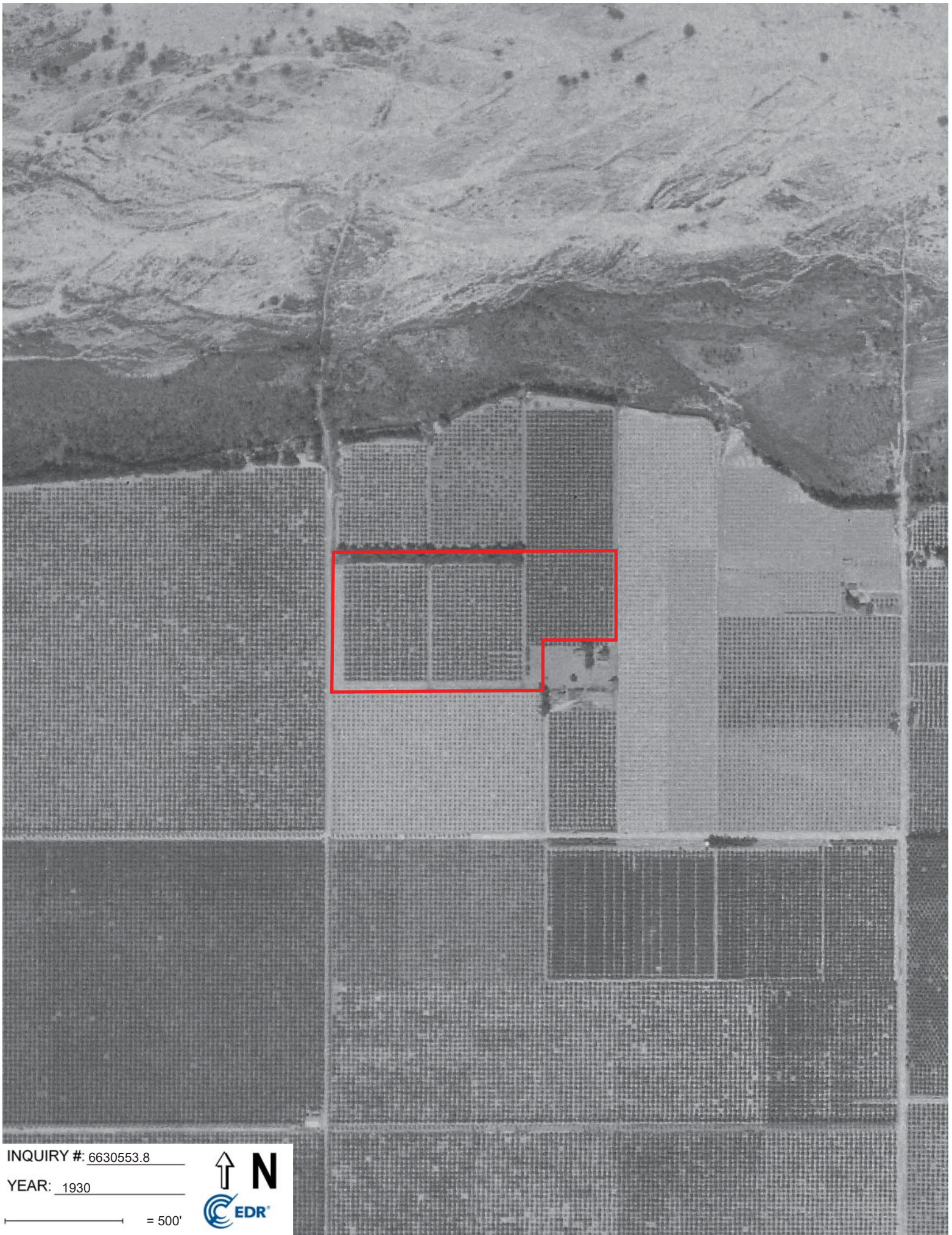


INQUIRY #: 6630553.8

YEAR: 1938

— = 500'





INQUIRY #: 6630553.8

YEAR: 1930

— = 500'



CITY DIRECTORY

Vacant Property Redlands CA

27050 PALMETTO AVE
REDLANDS, CA 92374

Inquiry Number: 6630553.5

August 27, 2021

The EDR-City Directory Image Report

TABLE OF CONTENTS

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

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report 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 Report includes a search of available city directory data at 5 year intervals.

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.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by

infoUSA[®]

Copyright©2008
All Rights Reserved

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1986	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1980	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1976	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1971	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1965	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Luskey Brothers & Co. Publications

FINDINGS

TARGET PROPERTY STREET

27050 PALMETTO AVE
REDLANDS, CA 92374

Year

CD Image

Source

PALMETTO AVE

2017	pg A5	EDR Digital Archive	
2014	pg A9	EDR Digital Archive	
2010	pg A12	EDR Digital Archive	
2005	pg A15	EDR Digital Archive	
2000	-	EDR Digital Archive	Target and Adjoining not listed in Source
1995	pg A20	EDR Digital Archive	
1992	pg A23	EDR Digital Archive	
1986	pg A26	Haines Criss-Cross Directory	
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1976	-	Haines Criss-Cross Directory	Street not listed in Source
1971	-	Haines Criss-Cross Directory	Street not listed in Source
1965	-	Luskey Brothers & Co. Publications	Street not listed in Source

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
<u>NEVADA ST</u>		
2017	pg. A2	EDR Digital Archive
2014	pg. A6	EDR Digital Archive
2010	pg. A10	EDR Digital Archive
2005	pg. A13	EDR Digital Archive
2000	pg. A16	EDR Digital Archive
1995	pg. A18	EDR Digital Archive
1992	pg. A21	EDR Digital Archive
1986	pg. A24	Haines Criss-Cross Directory
1986	pg. A25	Haines Criss-Cross Directory
1980	pg. A27	Haines Criss-Cross Directory
1976	pg. A28	Haines Criss-Cross Directory
1971	pg. A29	Haines Criss-Cross Directory
1965	pg. A30	Luskey Brothers & Co. Publications
1965	pg. A31	Luskey Brothers & Co. Publications

City Directory Images

NEVADA ST 2017

12	AKLUFU & WY SOCKI LENITA ATTORNEY SKORETZ AT LAW SPOUSE, MARK R
20	ESCROW PERFECT SERVICES PAXTON PHD CINDY MS TAYLOR CONSTANCE PHD VINES RENTALS
32	BARTON HOUSE PLAYSCHOOL INC
44	THERONS FROZEN CUSTARD
200	GROVE HIGH SCHOOL
310	HANGAR 24 CRAFT DISTRIBUTION
430	TORRENCE ALUMINUM WINDOW
450	CALIBER COLLISION
517	NICKS OLD CAR SPECIALTY
560	HEAD CHANGE JSM ENTERPRISES
570	EASTER LYON DISTRIBUTING INC NIXS PROFESSIONAL RESTORATION SNAAK BAR LLC
580	DYNAMIC MEDICAL SYSTEMS EDGE ORTHOPEDICS JOHN HALLPERSONAL FITNESS LASER TEC MERCH CONNECTION
590	POST WAR MODERN INC
721	ACCENT BUSINESS FORMS ALLSTATE INSTANT PRINTING INC CHARTWELL LEARNING ABILITIES IMPROVE E3 RESOURCE MEDIA GROUP FOR THE HEAL ESCAPE CRAFT BREWERY GREEN SHEET ASSOCIATED DESERT HEEMSTRA SIGNS HIGHEST PRAISE APOSTOLIC CHURCH J RILEY DISTILLERY JAELYN CORPORATION JS FITNESS L & L ENVIROMENTAL INC LOW CARB SUGAR FREE WAREHOUSE STORE MUSIC LESSONS CENTRAL PRIMERICA RUTH CHAFIN INTERIOR DESIGN INC SOCAL HYGIENE LLC SOUTH COAST COMMUNITY SERVICES THE YOGA ROOM OF REDLANDS TWENTY FOUR SEVEN CARPET CARE
900	CUSTOM AUTO TRENZ INC
1020	REDLANDS OPTOMETRY GROUP
1030	CALIFORNIA PREPARATORY COLLEGE DUI & CRIMINAL DEFENSE ATTORNEY IRONWOOD CONSULTING INC

NEVADA ST 2017 (Cont'd)

1030	KELLY L PEXTON PEXTON LAW APC KLUTE & NEWTON LAWYERS MUGG & HARPER LLP SEQUOIA INNOVATIONS SIERRA SUMMIT SURETY INSURANCE SERVI SOUTH COAST CHILDRENS SOCIETY VOCATIONAL ENERGY VOYA FINANCIAL WHITEFROG DESIGN LLC
1040	CENTRAL CITY INSURANCE IMAGE 2000 SMM & ASSOCIATES INC WAGNER PHLEBOTOMY TRAINING INSTITUTE
1050	DEZINER TONIE & ASSOCIATES DECORATIN FAMILY CUSTOM DESIGNS LLC INTERIOR DESIGN SPECIALIST LUV2DEZIN LLC DEZINER TONIE & ASSOCI LY ENVIROMENTAL
1174	ADWORKS ADVERTISING AGENCY INC ANDREW S FLOREA MD CLOUD 9 MEDI SPA DR ANDREW S FLOREA MD VECTOR MARKETING
1180	REDLANDS DENTAL SURGERY CENTER
1200	FREDERICKS BENEFITS INDIAN CHILD & FAMILY SERVICES JOSEPHINE A RICH ATTORNEY AT LAW JOSEPHINE RICH ATTORNEY A LAW OFFICE OF PAUL F DOUGLAS JR APC LAW OFFICES OF JOSEPHINE A RICH PACIFIC RISK MANAGEMENT & INSURANCE RICHARD L FARQUHAR ATTORNEY STEVE ENGLAND FARMERS INSURANCE AGEN WADC INC ZODON EXPRESS
1209	MOUNTAIN WEST FINANCIAL
1210	BOCK JASON T DDSMS ELECTRON IMAGING LLC JASON T BOCK DDS MS REDLANDS PSYCHOLOGICAL & FAMILY SE TEMLL S WICKHAM LEVINSON PHD THOMAS WICKHAM PHD
9425	ADVANCED INNOVATIONS WEST CAREFUSION
9480	SLEEP INNOVATIONS
9520	PAYLESS SHOESOURCE
10756	REDLANDS SPRINKLER
10815	SUBHANI, LAYLA M
11030	RODRIGUEZ, FRANK V
11058	HERNANDEZ, TRINIDAD

NEVADA ST 2017 (Cont'd)

11191 PEREZ, HILARIO L
11208 BAQAI, RIAZ
11214 RIVAS, JOSE
11220 MADRID, MARIA C
11222 GURROLA, ERNESTO M
11230 PAVLICH, KSENIJA
11250 NEILSON, RENE M
11850 THORNTON, MIKE W

PALMETTO AVE 2017

1950 APL LOGISTICS
CORE HEALTH & FITNESS
PROLOGIS LP
WORKFORCE INVESTIGATIONS GROUP
2290 KIMCO STAFFING
PERFORMANCE TEAM
26509 PRECISION PETS INC
26717 ALTA MARKETING
26940 PERFORMANCE TEAM
PERFORMANCE TEAM FREIGHT

NEVADA ST 2014

12	AKLUFU & WY SOCKI SPROUSE MARK R SPROUSE, MARK R
20	CALIFORNIA TILE ESCROW PERFECT SERVICES ESCROW PREFERRED SERVICES KANIA MICHAEL E KLEIN THOMAS C NEW YORK LIFE INSURANCE PENNY LUNDGREN CPA VINES RENTALS
44	THERONS FROZEN CUSTARD
200	GROVE HIGH SCHOOL
310	CUSTOM ASSEMBLY CUSTOM ASSEMBLY INCORPORATED ROSSMORE ENTERPRISES
350	LYON WORKSPACE PRODUCTS
450	CALIBER COLLISION WHALEN PACKAGING
490	MAD CATZ MAD CATZ INC
517	NICKS OLD CAR SPECIALTY
560	HEAD CHANGE JSM ENTERPRISES WEAR & ASSOCIATES ATTORNEYS
570	MCKERNAN INC NIXS PROFESSIONAL RESTORATION
580	ASCEND PHARMACEUTICALS DYNAMIC MEDICAL SYSTEMS HAMMOND ORGAN STORE JON HALL PERSONAL FITNESS MERCH CONNECTION
614	OCCUPANT UNKNOWN,
624	OCCUPANT UNKNOWN,
634	OCCUPANT UNKNOWN,
721	ACCENT BUSINESS FORMS BEACHNAIR CHARTWELL LEARNING ABILITIES IMPROVE COTTEN CONSTRUCTION CROWN PAINTING CONTRACTORS E3 RESOURCE MEDIA GROUP FOR THE HEAL GREEN SHEET ASSOCIATED DESERT HEEMSTRA SIGNS HIGHEST PRAISE APOSTOLIC CHURCH JS FITNESS CAMP L & L ENVIROMENTAL INC LL LIFESTYLE CENTER LOMA LINDA JAPANESE CO SEVENTH DAY A LOW CARB SUGAR FREE WAREHOUSE STORE MILLER RICKPRIMERICA FINANCIAL SERV

NEVADA ST 2014 (Cont'd)

721	MILLER, R MUSIC LESSONS CENTRAL PROFESSIONAL INSPECTION SERVICE RUTH CHAFIN INTERIOR DESIGN INC STROBEL ARCHITECTS THE YOGA ROOM OF REDLANDS TWENTY FOUR SEVEN CARPET CARE
1020	A SHRED AMERICA EXIGENT SYSTEMS INC REDLANDS OPTOMETRY GROUP
1030	CALIFORNIA PREPARATORY CLLGE CALIFORNIA PREPARATORY COLLEGE KELLY L PEXTON PEXTON LAW APC KLUTE & NEWTON LAWYERS MUGG & HARPER LLP VOCATIONAL ENERGY
1040	IMAGE 2000 IRONWOOD CONSULTING INC MCKINNON & ASSOCIATESFAX
1050	ACE PROGRAMS MANAGMENT LLC ENVIRONMENTAL ABATEMENT INDUSTRIAL MAINTENANCE & REPAIR
1174	ANDREW S FLOREA MD BETHEL BISHOP & COMPANY HYATT ADVERTISING
1180	REDLANDS DENTAL SURGERY CENTER
1200	CHRISTINA TAUBE FARMERS INSURANCE STEVE ENGLAND FARQUHAR RICHARD L ATTORNEY FARQUHAR, RICHARD L FREDERICKS BENEFITS GASS JAMES R INDIAN CHILD & FAMILY SERVICES JOSEPHINE RICH ATTORNEY A LAW OFFICES OF JOSEPHINE A RICH STEVE ENGLAND FARMERS INSURANCE AGEN ZODON EXPRESS
1209	MOUNTAIN WEST FINANCIAL
1210	ALPHA REALITY NETWORK BOCK JASON T DDS MS ELECTRON IMAGING LLC JASON BOCK DDS MS REDLANDS PSYCHOLOGICAL & FAMILY SE WICKHAM TERRILL S LEVINSON PHD WICKHAM THOMAS PHD
9425	CAREFUSION
9480	SLEEP INNOVATIONS
9520	PAYLESS SHOESOURCE
10756	MORRISON, GEORGE S REDLANDS SPRINKLER

NEVADA ST 2014 (Cont'd)

10815 SUBHANI, JOSEPH
11030 ARMENDARIZ, ROSA
11058 HERNANDEZ, TRINIDAD
11191 VANGROUW, C L
11208 ARELLANO, ROSALINA
11214 RAMIREZ, ROSE
11230 RODRIGUEZ, RUBEN
WATSON, JOCELYN
11250 MIFFLIN, RACHEL
11252 OCCUPANT UNKNOWN,
11656 HOIL, ALFREDO B
11850 THORNTON, MIKE W



-

PALMETTO AVE 2014

2290 KIMCO STAFFING
PERFORMANCE TEAM BLDG 24
26509 PRECISION PETS INC
26717 ALTA MARKETING
26940 KENNETH COLE
PACIFIC WORLDWIDE INC
PERFORMANCE TEAM FREIGHT

NEVADA ST 2010

12	GASS JAMES R GASS, JAMES JOSEPHINE A RICH ATTY AT LAW PROBATE LETTERS INC STANLEY A HARTER LAW OFFICE
16	JAMES OSGOOD INSURANCE
20	HOME SOURCE REAL ESTATE KANIA MICHAEL E PHD KANIA, MICHAEL E LUGEN INDUSTRIES NEW YORK LIFE PACIFIC COAST REALTY PEN ART GRAPHICS PROFESSIONAL PROPERTY MGMT SCHOTT THOMAS VINES RENTALS
44	THERONS FROZEN CUSTARD
200	GROVE HIGH SCHOOL
310	CUSTOM ASSEMBLY
490	MAD CATZ INC MAD CATZ INTERACTIVE DISTR CTR
501	OCCUPANT UNKNOWN,
614	OCCUPANT UNKNOWN,
624	OCCUPANT UNKNOWN,
634	OCCUPANT UNKNOWN,
721	ABBAY CO BLUM ELECTRIC CCI COTTEN CONSTRUCTION HEEMSTRA SIGNS HIGHEST PRAISE APOSTOLIC CHR L L LIFESTYLE CTR LOMA LINDACHERRCO MISSION ROAD SDA CHURCH PEST CONTROL MANAGEMENT RASCALS 2 ROCKSTARS REDLANDS AIKIKAI STROBEL ARCHITECTS TIGUEROS, DAN TUMBLE TOTS GYMNASTICS CTR
900	TLC STORAGE
1030	BERNARDINI & DONOVAN INSURANCE CALIFORNIA PREPARATORY COLLEGE
1050	ENVIRONMENTAL ABATEMENT
1174	DALE K BETHEL ATTORNEY AT LAW HYATT ADVERTISING LINDSEY FINANCIAL GROUP
1180	BIDDING BAR REDLANDS DENTAL SURGERY CTR
1200	CHRISTINA, TAUBE

NEVADA ST 2010 (Cont'd)

1200	FREDERICKS BENEFITS INDIAN CHILD & FAMILY SVC WOOD GUTMANN BOGART
1209	MOUNTAIN WEST FINANCIAL
1210	BOCK ORTHODONTICS REDLANDS PSYCHOLOGICAL & FMLY VOVELL ANNA
1901	REDLANDS FARMING CO
9520	PAYLESS SHOE SOURCE
10756	MORRISON, GEORGE S REDLANDS SPRINKLER
10815	SUBHANI, NABIL T
10940	CONCRETE PAVING
11030	ARMENDARIZ, ROSEMARIE
11058	OCCUPANT UNKNOWN,
11191	BAUTISTA, WILHELMINA
11208	LANDEROS, CORINNE E
11220	HOUSE, RYAN
11230	GRASS, MIRTHA PADGETT, ELLIE RAMIREZ, ESTELLA RUIZ, GILBERT SANCHEZ, DELMI WATSON, JOCELYN
11250	OCCUPANT UNKNOWN,
11252	SIMMONS-PURCELL, JULIANNA
11656	HOIL, ALFREDO B
11850	THORNTON, MIKE W



-

PALMETTO AVE 2010

2200	TREADWAYS CORP
2250	EXCEL
	EXEL LOGISTICS
26509	PRECISION PETS INC
26717	HARALAMBOS BEVERAGE CO

NEVADA ST 2005

200 GROVE HIGH SCHOOL
 501 FRUCHEY, CHUCK F
 517 NICKS OLD CAR SPECIALTY
 614 OCCUPANT UNKNOWN,
 624 OCCUPANT UNKNOWN,
 634 SEPULVEDA, SIMON R
 721 ADVENGTECH
 AG COMMUNICATION SYSTEMS
 AP REDLAND LLC
 ARYANA, S
 BEACH AIR INC
 BRACE PLACE THE
 CALENDAR COLLECTION INC
 CCI INC
 CYCLE CRAFT
 E3 RESOURCE MEDICAL GROUP INC
 EAST BAY RETAILS VENTURES
 FOR THE HEALTH IT PRODUCT
 GABRIEL MEIER FNNC
 GREENSPOT PROPERTIES LLC
 HIGHEST PRAISE APOSTOLIC CHURCH
 JUNKART, ALAN
 KING & ASSOCIATES INC
 L LYON DISTRIBUTING INC
 LETS DINE OUT SHOW
 LOMA LINDA CHERRCO
 LOMA LINDA JAPANESE CHURCH
 LOMA, LINDA C
 MERRY MAIDS
 NOVAK PAINTING & DECORATING INC
 NOVAK PAINTING CORP
 PANAMA INVESTMENT
 PRESTIGE GARAGE SOLUTIONS
 PROFESSIONAL MARKETING GROUP LLC
 PROFESSIONAL RECOVERY SERVICES
 PROPERTIES LLC
 RELANDS AIKIKAI
 RELANDS, AIKIKAI
 SO CAL CUSTOM CYCLES
 STAGE PRESENCE DANCE STUDIO
 STATE YOUR NAME
 STROBEL ARCHITECTS
 TUMBLE TOTS
 900 LAYNE CHRISTIANSEN CO
 MICHELIN / PLAY TOYZ ACCESSORIES
 1174 ADWORKS ADVERTISING AGENCY INC
 BETHEL DALE K ATTY AT LAW
 EAGLE STRATEGIES CORP
 HYATT ADVERTISING
 LINDSEY FINANCIAL GROUP INC

NEVADA ST 2005 (Cont'd)

1174	LINDSEY PENSION SAFE FINANCIAL INSURANCE SERENITY TAKE ME AWAY LLC
1180	REDLANDS DENTAL SURGERY CENTER
1200	FREDERICKS BENEFITS INDIAN CHILD & FAMILY SERVICES LINDSEY FINANCIAL GROUP MOUNTAIN VIEW BUILDERS INC PACIFIC RISK MGMT & INSURANCE SERVIC
1210	BARNES, BOBBIE J BOCK JASON T DDS MS CHRISTIANSEN DAVID T PHD CLIFFORD, TAYLOR DAVIDSON, STEVE EATON, SARITA S MICHAELSON, JOE OHARE CHRISTOPHER PHD REDLANDS REDLANDS PSYCHOLOGICAL & FAMILY SERV SMITH, PATRICK TAYLOR CLIFFORD PHD VOVELL, ANNA WICKMAN, TERRILL L WULBRECHT, TOM M
9910	VETTES, MIKE P
10756	MORRISON, GEORGE S REDLANDS SPRINKLER
10815	SUBHANI, NABIL T
10941	OCCUPANT UNKNOWN,
11030	GARCIA, FRANCISCO I
11058	FRASER, TONY R
11191	BAUTISTA, WILHELMINA
11208	LANDEROS, CORINNE E
11214	OCCUPANT UNKNOWN,
11220	GUTIERREZ, ADELINA
11230	SANCHEZ, ANTONIO WATSON, JOCELYN
11245	OCCUPANT UNKNOWN,
11250	OCCUPANT UNKNOWN,
11252	MCKEE, ROBERT
11656	HOIL, ALFREDO B
11850	OCCUPANT UNKNOWN,



-

PALMETTO AVE 2005

27050 OCCUPANT UNKNOWN,

NEVADA ST 2000

501 OCCUPANT UNKNOWN,
 517 NICKS OLD CAR SPECIALTY
 614 OCCUPANT UNKNOWN,
 624 OCCUPANT UNKNOWN,
 634 SEPULVEDA, SIMON R
 721 A J MACHINE
 ABBEY PARTNERS VII
 BRIANS CUSTOM WOODWORKS
 CLEAN PACK
 CRAWFORD, NICKI L
 CRIS AUTO BODY & PAINT SHOP
 CYCLE CRAFT
 DITTOS POLICE SUPPLY
 DRISKILL, CHRIS
 E & I TRUCK & AUTOMOTIVE ACCESSORIES
 GROUNDS FOR ENJOYMENT INCORPORATED CORPORATE OFFICE
 HEEMSTRA SIGNS
 HERBERT & ASSOCIATES INCORPORATED
 HERITAGE SIGNS
 HIGHEST PRAISE APOSTOLIC CHURCH
 HOWARD ROBERTS DEVELOPMENT
 JONBEC CARE INCORPORATED
 LEE, REGGIE M
 LOMA LINDA CHERRCO
 LOMA LINDA JAPANESE COMPANY SEVENTH DAY ADVENTIST
 LOMA, LINDA C
 MERRY MAIDS
 PEST CONTROL MANAGEMENT
 R H HOOKER COMPANY
 S 5 AUTO BODY INCORPORATED
 SAN BERNARDINO SUN
 STATE YOUR NAME
 TARASCON PUBLISHING
 TUMBLE TOTS GYMNASTICS CENTER
 900 FLORES, K L
 LAYNE WESTERN COMPANY MCCALLA DIVISION
 1174 FIRST STEP INCORPORATED
 1180 REDLANDS DENTAL SURGERY CENTER
 1200 D & S INSURANCE
 EAGLE STRATEGIES CORP
 ENERGY SOLUTIONS 2000
 FREDERICKS BENEFITS
 HENDERSON PERRY CPA
 I D S
 LEE & ASSOCIATES
 LINDSEY PENSION CORP
 MOUNTAIN VIEW BUILDERS
 MOUNTAIN VIEW BUILDERS INCORPORATED
 1210 ACS LIMITED
 BARNES BOBBIE PH D

NEVADA ST 2000 (Cont'd)

1210 BOVELL, ANNA
CARPENTER MARK J DDS
CHRISTENSEN DAVID T PHD
CLIFFORD TAYLOR
CLIFFORD, TAYLOR
DAVIDSON STEVE PH D
MICHAELSON JOE M PH D
OHARE CHRISTOPHER PH D
OHARE CHRISTOPHR PHD
REDLANDS PSYCHOLOGICAL & FAMILY SERVICES
SEWANI MUNIR A PH
SMITH STEPHEN J PH D
WICKHAM THOMAS A PH D
WICKHAM, TERRILL L
WULBRECHT, TOM M
10756 MORRISON, GEORGE
REDLANDS SPRINKLER
10815 BENOIST, ROBERT L
11030 GARCIA, F J
RUIZ, RAY
11058 NASH, KIM J
11191 VANGROUW, C L
11208 OCCUPANT UNKNOWN,
11214 FERRIS, EVAN F
11222 NEIDHARDT, KEVIN
11656 HOIL, JUANA

NEVADA ST 1995

501	BROCK, E W
517	WOODALL REFRIGERATION INC
604	OCCUPANT UNKNOWNN
634	SEPULVEDA, SIMON R JR
721	BRIANS CUSTOM WOODWORKS
	CARPETS BY JOHN
	CHRYSLER NEWS DISTR
	DE LONG FRIEDMAN & SUKENIK
	DELONG, F
	DESIGNERS CHOICE
	FASTGEAR SPORTSWEAR
	FRIEDMAN, HOWARD
	GABRIC CONSTRUCTION
	GRAPHICS
	HEEMSTRA SIGNS
	HOSANNA CHRISTIAN FELLOWSHIP
	HOWARD SUKENIK
	LECTRO MATION
	MARVIN FRIEDMAN
	MERRY MAIDS
	NICKS OLD CAR SPECIALTY
	PARK WEST PRINTING & OFFICE
	RESOURCE DYNAMICS
	SKILKRAFTERS CABINETS
	TOM MC COMBS TAX SVC
	WESTERN METER & CONTROLS
	YGAY, JIMMY
723	OCCUPANT UNKNOWNN
802	MC CALLA BROTHERS PUMP & DRILL
1174	HENEHAN CO
1180	JAY JAHN INSURANCE
	SEACOR
1200	ALTERNATIVE GROUP
	COACH HOUSE REGIONAL OFC
	LEE & ASSOC
	MORNING GLORY SVC INC
	WILLIAM C SHEARER
	WOOD & ASSOC
1210	ANNA BOVELL
	BARNES, BOBBIE
	BOVELL, ANNA
	CARPENTER, MARK
	CHRISTOPHER OHARE PHD
	DAVID T CHRISTENSEN PHD
	MAC EATON PHD
	MARK J CARPENTER DDS
	REDLANDS PSYCHOLOGICAL & FMLY
	STEPHEN J SMITH PHD
	THOMAS A WICKHAM PHD
	THOMAS A WICKMAN PHD

NEVADA ST 1995 (Cont'd)

1210 TOM WULBRECHT
WULBRECHT, TOM
1950 REDLANDS WASTEWATER TREATMENT
10756 REDLANDS PROPERTY MANAGEMENT
REDLANDS SPRINKLER & LANDSCAPE
10940 MUSSON, RICHARD G
10941 DANGERMOND, A
11191 VANGROUW, C L
11208 OCCUPANT UNKNOWNN
11214 FERRIS, EVAN F
11220 WENDT, E
11222 NEIDHARDT, KEVIN
11227 OCCUPANT UNKNOWNN
11230 OCCUPANT UNKNOWNN
11245 MILBURN, VIVIEN C
11250 OCCUPANT UNKNOWNN
11252 RAMOS, VALERIE
11656 BELTRANHOIL, ALFREDO H



-

PALMETTO AVE 1995

27050 KWONS FARM

NEVADA ST 1992

517	WOODALL REFRIG INC
634	SEPULVEDA, SIMON R JR
721	ALLINPRI INC USA
	C M I PIC
	CARPETS BY JOHN
	CHRYSLER NEWS DISTB
	DE LONG INTL INC
	DELLONG, F
	FAST GEAR SPORTSWR
	FRIEDMAN, MARVIN
	HEEMSTRA SIGNS
	KELLER MEDICAL
	MERRY MAIDS
	NICKS OLD CR SPCLTY
	NV STREET PROPERTY
	PROFSNL WNDW CTNGS
	SKILKRAFTERS CABINT
	WESTRN METER&CONTRL
802	MCCALLA BROS PUMP
980	MCCALLA BROS PUMP
1174	C L U
	HENEHAN, JOSEPH E
	HOOKER, LEE A
	MERRILL&ASSOCIATES
	ROYAL ALLIANCE ASC
1180	GARCIA JOSE L MD
	JAHN JAY INS AGENCY
	SEACOR
	T R I
1200	ALTERNATIVE GROUP
	COACH HOUSE OFFICE
	FORTHUN P ATTY
	MORNING GLORY SERV
	OMNI BROKERS
	SAFETY PLUS INC
	SHEARER W C PHD
	WOOD&ASSOCIATES
	YAMAS G J INC
1210	AMER INCOME LIFE
	BOVELL, ANNA
	CARPENTER MARK DDS
	CHRISTENSEN D T PHD
	EATON MAC PHD
	EYSTER C L MS MFCC
	FRIEDMAN, ROSALYN
	NIEMEYER, JOYCE
	RIVRSO CO FMLY CARE
	WULBRECHT, TOM
9054	ORANGEDALE PROTCTVE
10756	REDLND PROPERTY MNG

NEVADA ST 1992 (Cont'd)

10940 MUSSON, RICHARD G
10941 DANGERMOND, A
11191 VANGROUW, C L
11222 NEIDHARDT, KEVIN
11245 MILBURN, VIVIEN C
11850 SANDERS, JOHN D JR
1210100 EATON, MAC
1210101 EYSTER, CAROL L



-

PALMETTO AVE 1992

27050 KWONS FARM

NEVADA ST 1986

NEVADA 92373 REDLANDS

110	EAST VALLEY COMPLEX	783-8881	5
980	MCCALLA BROS DRLNG	783-2913	+8
	MCCALLA BROS PUMP	825-7374	5
1174	HENEHAN JOSEPH	877-1582	+8
	MERRILL & HOUSOUER	782-4144	5
1200	ALTERNATIVES CENTER	788-5310	+6
	NARDIN TRANSPORTATN	788-2521	+8

COPYRIGHT HU

NEVADA ST 1986

NEVADA		92373 CONT.
	SHEARER W C PHD	798-4668 +8
1210	C L U	792-9533 +8
	FREDERICK B ROBT	792-9533 +8
	HENENAN JOS E	793-9533 +8
	HENENAN & FREDERICKS	792-9533 +8
	HOOKER LEE ALLEN	793-1445 +8
	K L M INC	793-3190 +8
	RESOURCE INS & FNCL	792-9533 +8
1950	XXXX	00

ZIP CODE 92374

9054	BEST ROBT W	792-2030
9724	NORNBUEKEL CNERYL	798-1561 5
9880	SALAGEAN ION	798-5697 +8
10046	BTONECLIFF RANCN	793-1901
10346	XXXX	00
10357	XXXX	00
10486	XXXX	00
10489	XXXX	00

ZIP CODE 92373

10514	XXXX	00
10546	SEDBERRY MICHAEL R	792-3933 +8
10575	SEPULVEDA CARMEN	792-6685 8
	SEPULVEDA SIMON JR	792-6685
10595	XXXX	00
10599	FIRST STEP INC	793-1713 5
10605	COOK J	793-1270 2
	COOK L	793-1270
10618	XXXX	00
10690	BROCK E WYMER	792-1782
	BROCK MYRTLE	792-1782
10756	XXXX	00
10815	NELSON DIANE	792-3942 0
	NELSON WM A REV	792-3942
10940	MUSSON RICHARD G	793-5643
10941	YOUNT JOHN L	792-1188
11030	XXXX	00
11191	VANGROUW C L	793-1909
11208	XXXX	00
11214	XXXX	00
11220	XXXX	00
11222	EDWARDS LEE	792-9437 5
11230	SHOCKROO HENRY F	793-5909 9
11245	MILBURN V C	792-5586
11252	XXXX	00
11850	SANDERS JOHN D JR	792-7562
	★ 15 BUS 35 RES	14 NEW

PALMETTO AVE 1986

PALMETTO AV 92374
REDLANDS

27050	MARSHBURN DORIS	792-2783	
	MARSHBURN S L	292-2783	3
★	0 BUS	2 RES	0 NEW

NEVADA ST 1980

NEVADA 92373 REDLANDS

980★	MCCALLA BROS PUMP	793-2913	4
1950★	REDLANDS WASTEWATE	793-4286	+0
9054	BEST ROBT W	792-2030	
9724	BARTMAN J	793-8886	9
10046★	STONECLIFF RANCH	793-1901	
10546	CRIM ROSCOE	792-2724	5
10575	SEPULVEDA SIMON JR	792-6685	8
10595	BESS JAS L	792-4627	4
10690	BROCK E WYMER	792-1782	
10756	SPEEGLE DELL	793-9735	+0
10815	NELSON WM A REV	792-3942	+0
10940	MUSSON RICHARD G	793-5649	
10941	YOUNT JOHN L	792-1188	
11030	LOPEZ B	793-4263	+0
11058	NEWELL ALBERT W	793-4790	
11191	VANGROUW C L	793-1909	
11208	XXXX	00	
11214	ATKINS JOSEPH A	792-4872	
11220	XXXX	00	
11230	SHOCKROO HENRY F	793-5909	9
11245	MILBURN V C	792-5586	6
11252	FETERIK ELIZABETH	792-0904	9
11849	XXXX	00	
11850	SANDERS JOHN D JR	792-7562	4
★	3 BUS	21 RES	4 NEW

NEVADA ST 1976

NEVADA 92373 REDLANDS

980*	MCCALLA BROS PUMP	793-2913	4
1950*	REDLANDS CTY WSTWTR	793-4286	5
9054	BEST ROBT W	792-2030	
9724	XXXX	00	
10046*	STONECLIFF RANCH	793-1901	
10346	XXXX	00	
10357	XXXX	00	
10485	XXXX	00	
10514	VINSON WALTER J	792-3154	
10546	CRIM ROSCOE	792-2724	5
10575	NEU FRANK M	792-2193	
10595	BESS JAS L	792-4627	4
10690	BROCK E WYMER	792-1782	
10756	XXXX	00	
10815	VOGEL DONALD	792-0339	
10940	MUSSON RICHARD G	793-5649	
10941	YOUNT JOHN L	792-1188	
11058	NEWELL ALBERT W	793-4790	
11191	VANGROUW C L	793-1909	
11208	XXXX	00	
11214	ATKINS JOS A	792-4872	
11220	XXXX	00	
11230	XXXX	00	
11245	MILBURN V C	792-5586+6	
11252	SHOCKROD HENRY F	793-5909	5
11849	XXXX	00	
11850	SANDERS JOHN D JR	792-7562	4
	SANDERS SANDY	792-7562	4
*	3 BUS 25 RES	1 NEW	

NEVADA ST 1971

NEVADA 92373 REDLANDS

1950*	REOLNO CTY SWGE PLT	793-4286
9054	BEST ROBT W	792-7030
9724	ECKOLS VIRGINIA	792-9209
10046*	STONECLIFF RANCH	793-1901
10357*	MCCALLA BROS PUMP	793-2913
	*RCW DRILLING	793-2913
	*ROBERTS PUMP&EQUIP	793-2913
10514	VINSON WALTER J	792-3154
10546	CRIM W RUSCOE	792-2724
10575	NEU FRANK M	792-2193
10595	EPLEY FERN	792-6524
10690	BROCK E WYMER	792-1782
10756	SPELL J	792-8689
10815	VOGEL DONALO	792-0339
10940	MUSSON RICHARD G	793-5649
10941	YOUNT JOHN L	792-1188
11058	NEWELL ALBERT W	793-4790
11191	VANGROUW C L	793-1909
11214	ATKINS JOS A	792-4872
11245	MILBURN VIVIEN C	793-4266
	*MILBURNS R10G ST8L5	793-4266
11252	SHOCKROD HENRY F	792-1706
11849	CARODZA FRANCISCO	792-7182
NO #	BEST ROSE MRS	792-5233
NO #	MATA ROSENOO	792-5266
*	6 BUS 19 RES	

NEVADA ST 1965



**NEVADA ST (RDLS) – FROM 2 BLKS
N OF E PALMETTO AV, SOUTH
(92373)**

- Garcia Frank 1.....793-1763
- Musson RG 3 793-5649
- Roberts Pump & Equip Co Inc..796-0062
- Mata Rosendo
- 20 Kinyon CA..... 792-5435
- rear *VonTungeln Geo..... 792-2572
- 1950 RdisCtySewagePlant.793-4286**
- 1950 Sewage Treatment Plant.....793-4286
- 9054 Best RW 3.....792-2030

SANBORN

Vacant Property Redlands CA

27050 PALMETTO AVE

REDLANDS, CA 92374

Inquiry Number: 6630553.3

August 23, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

08/23/21

Site Name:

Vacant Property Redlands CA
27050 PALMETTO AVE
REDLANDS, CA 92374
EDR Inquiry # 6630553.3

Client Name:

V3 Companies of IL, LTD
7325 Janes Avenue
Woodridge, IL 60517
Contact: Elaine Petkovsek



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by V3 Companies of IL, LTD 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.

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 # 942D-41DE-86E3

PO # NA

Project PN 210628

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.



Sanborn® Library search results

Certification #: 942D-41DE-86E3

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™

Limited Permission To Make Copies

V3 Companies of IL, LTD (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

TOPOS

Vacant Property Redlands CA
27050 PALMETTO AVE
REDLANDS, CA 92374

Inquiry Number: 6630553.4

August 23, 2021

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

08/23/21

Site Name:

Vacant Property Redlands CA
27050 PALMETTO AVE
REDLANDS, CA 92374
EDR Inquiry # 6630553.4

Client Name:

V3 Companies of IL, LTD
7325 Janes Avenue
Woodridge, IL 60517
Contact: Elaine Petkovsek



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by V3 Companies of IL, LTD 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:

P.O.#	NA	Latitude:	34.087609 34° 5' 15" North
Project:	PN 210628	Longitude:	-117.215378 -117° 12' 55" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	480130.73
		UTM Y Meters:	3771890.89
		Elevation:	1193.92' above sea level

Maps Provided:

2012	1899
1996	
1988	
1980	
1973	
1967	
1954	
1901	

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

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

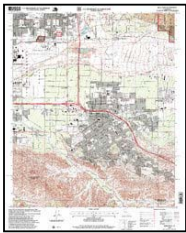
2012 Source Sheets



Redlands

7.5-minute, 24000

1996 Source Sheets

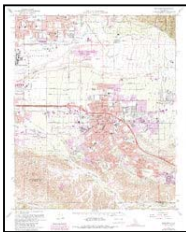


Redlands

7.5-minute, 24000

Aerial Photo Revised 1994

1988 Source Sheets



Redlands

7.5-minute, 24000

Aerial Photo Revised 1985

1980 Source Sheets



Redlands

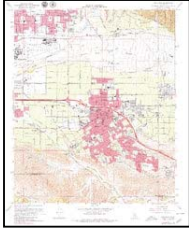
7.5-minute, 24000

Aerial Photo Revised 1978

Topo Sheet Key

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

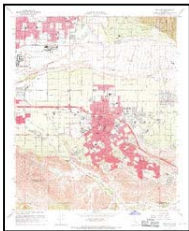
1973 Source Sheets



Redlands

7.5-minute, 24000
Aerial Photo Revised 1973

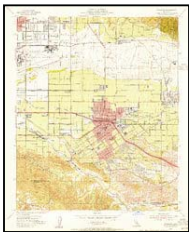
1967 Source Sheets



Redlands

7.5-minute, 24000
Aerial Photo Revised 1966

1954 Source Sheets



Redlands

7.5-minute, 24000
Aerial Photo Revised 1952

1901 Source Sheets



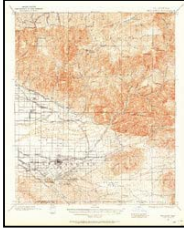
Redlands

15-minute, 62500

Topo Sheet Key

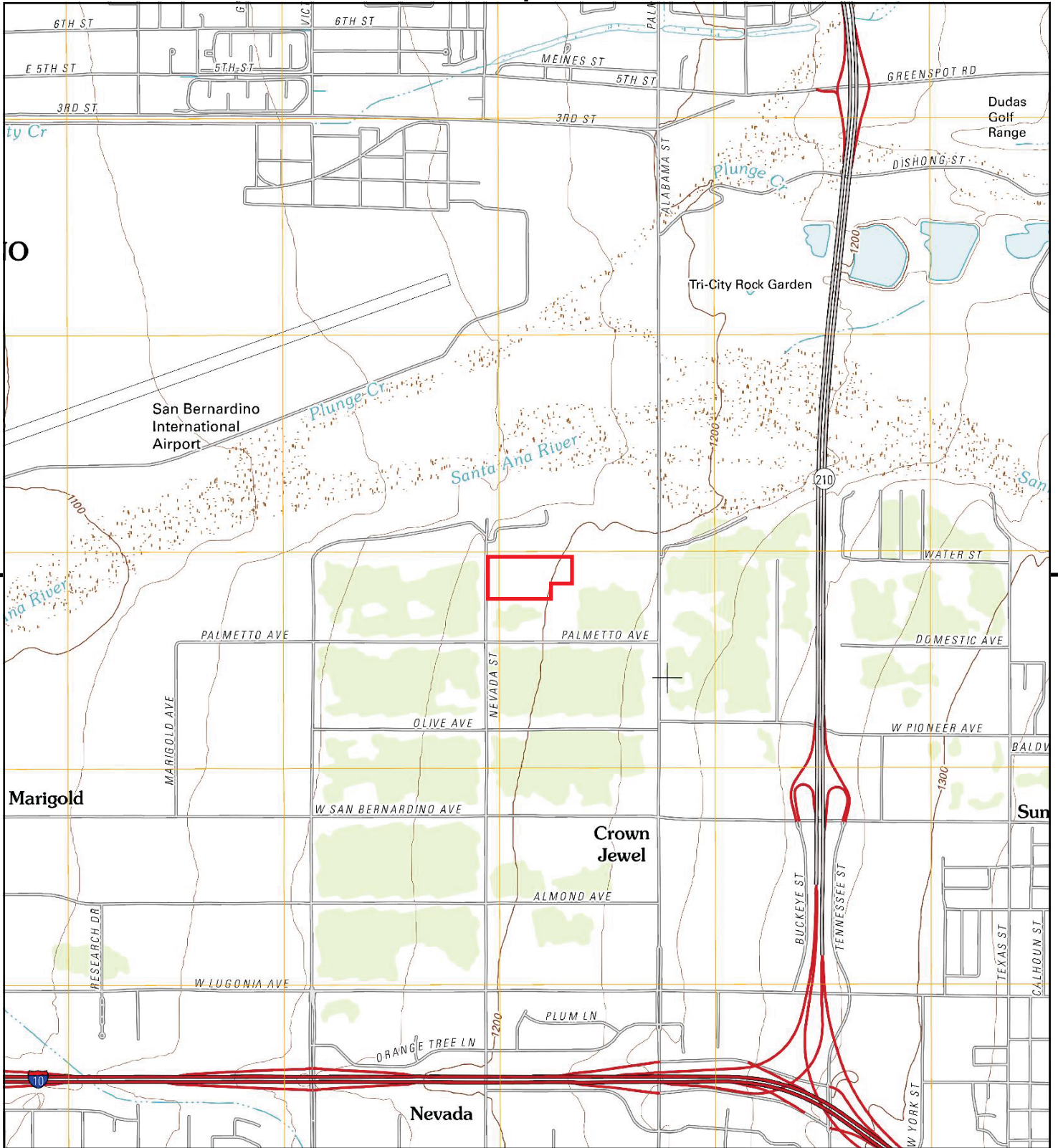
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1899 Source Sheets

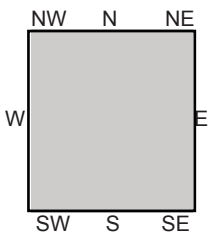
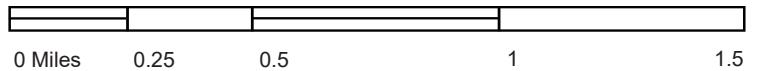


Redlands

15-minute, 62500



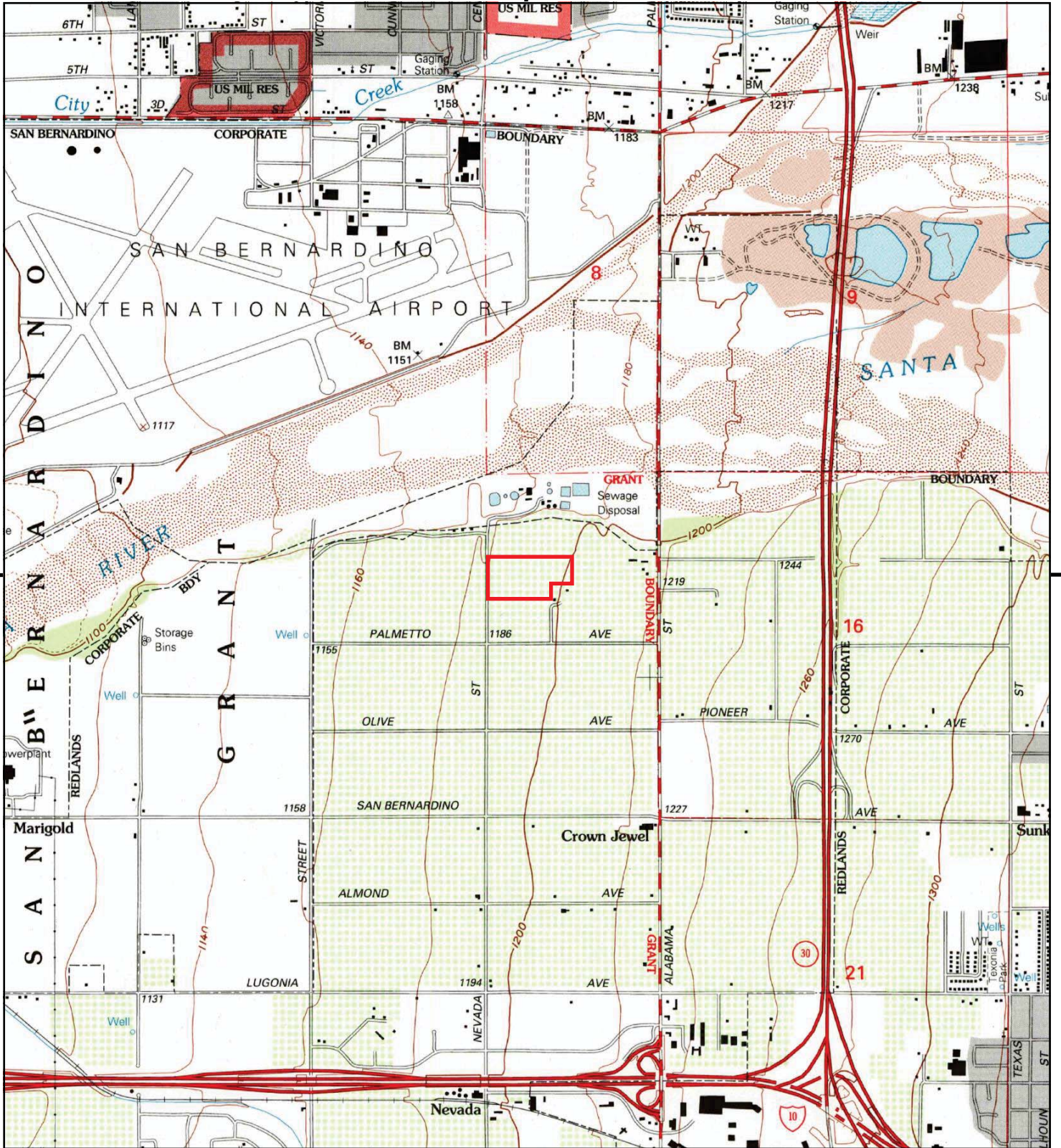
This report includes information from the following map sheet(s).



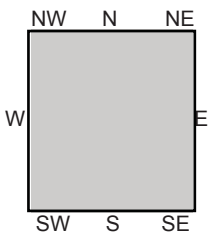
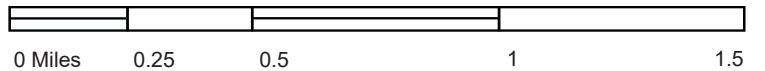
TP, Redlands, 2012, 7.5-minute

SITE NAME: Vacant Property Redlands CA
ADDRESS: 27050 PALMETTO AVE
 REDLANDS, CA 92374
CLIENT: V3 Companies of IL, LTD





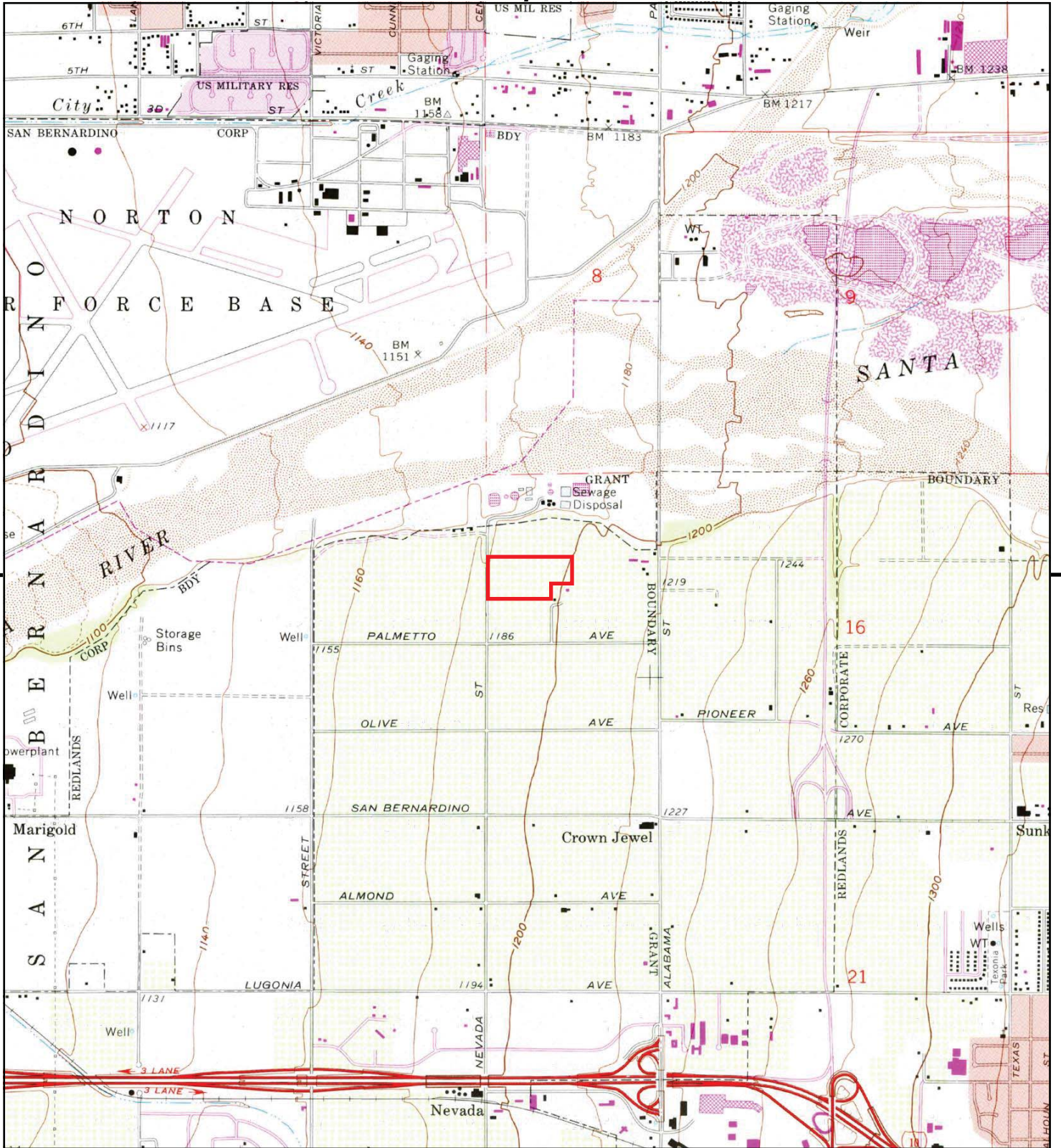
This report includes information from the following map sheet(s).



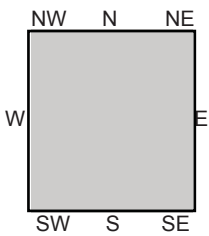
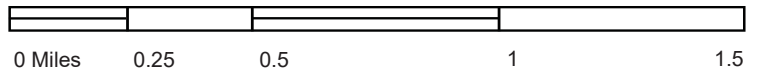
TP, Redlands, 1996, 7.5-minute

SITE NAME: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS, CA 92374
 CLIENT: V3 Companies of IL, LTD





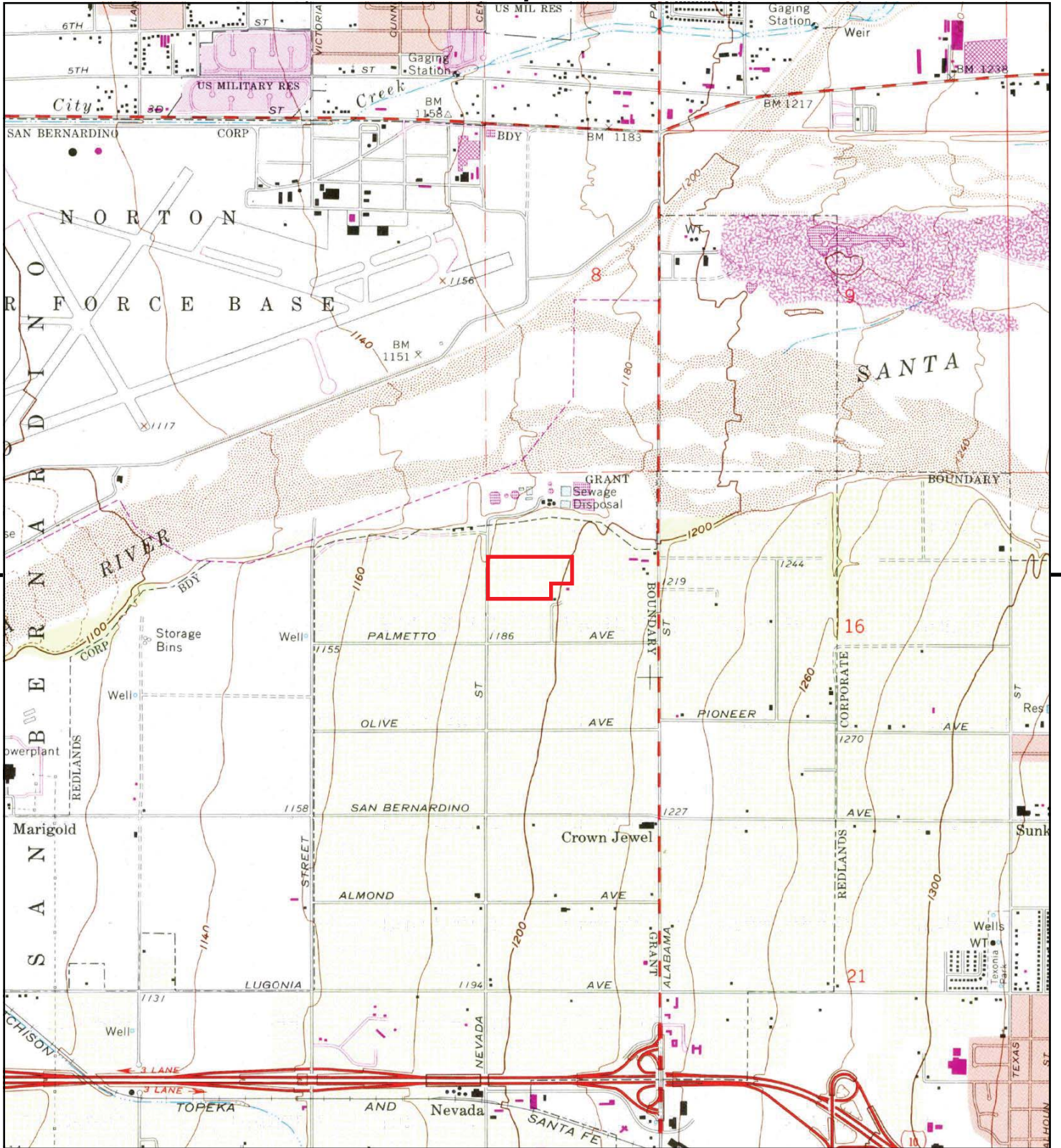
This report includes information from the following map sheet(s).



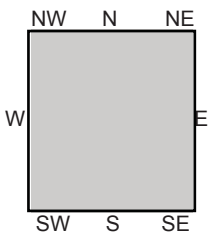
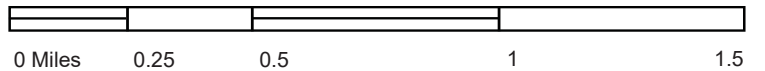
TP, Redlands, 1988, 7.5-minute

SITE NAME: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS, CA 92374
 CLIENT: V3 Companies of IL, LTD





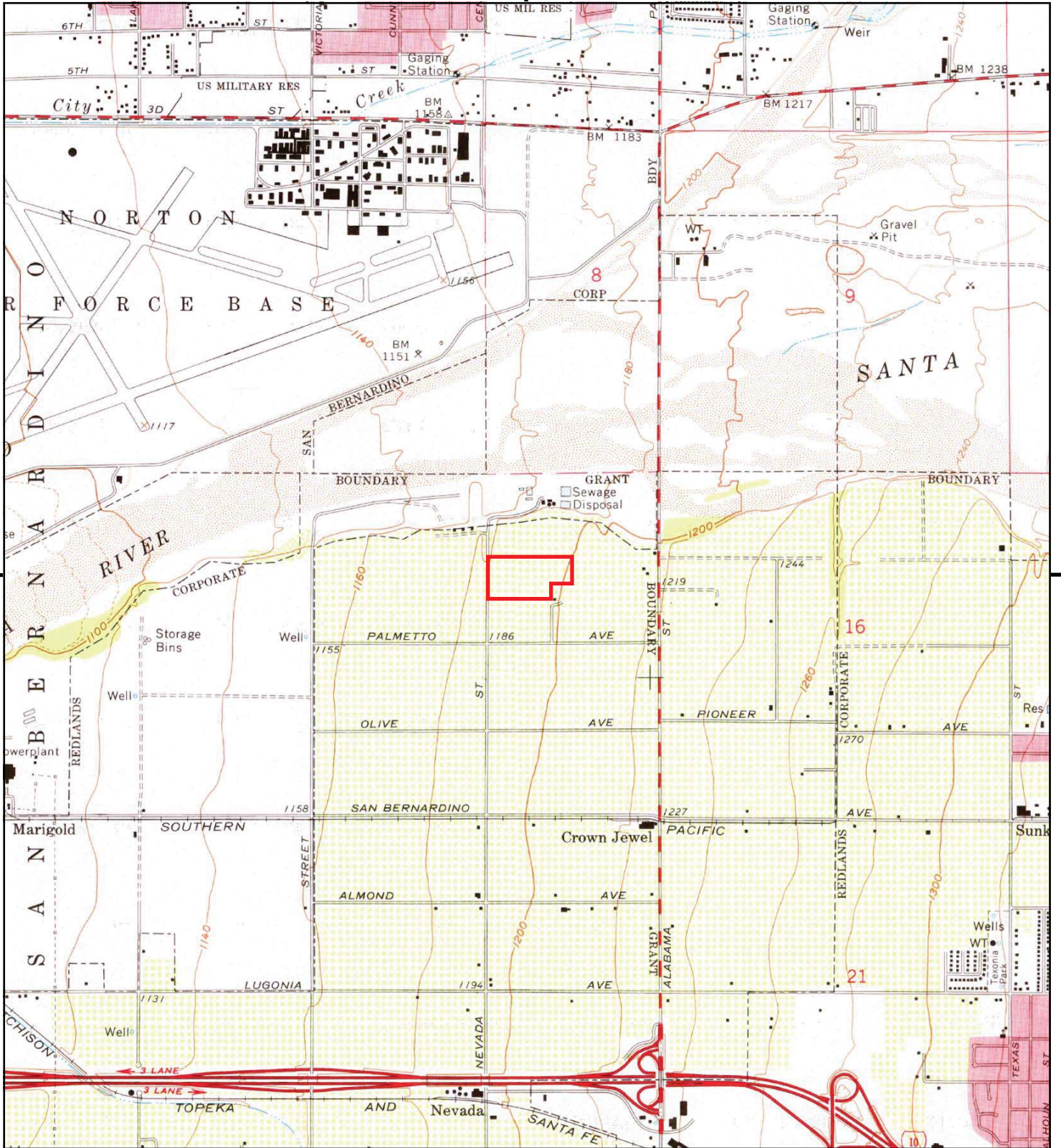
This report includes information from the following map sheet(s).



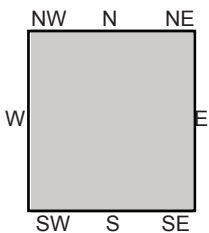
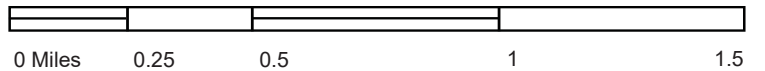
TP, Redlands, 1980, 7.5-minute

SITE NAME: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS, CA 92374
 CLIENT: V3 Companies of IL, LTD





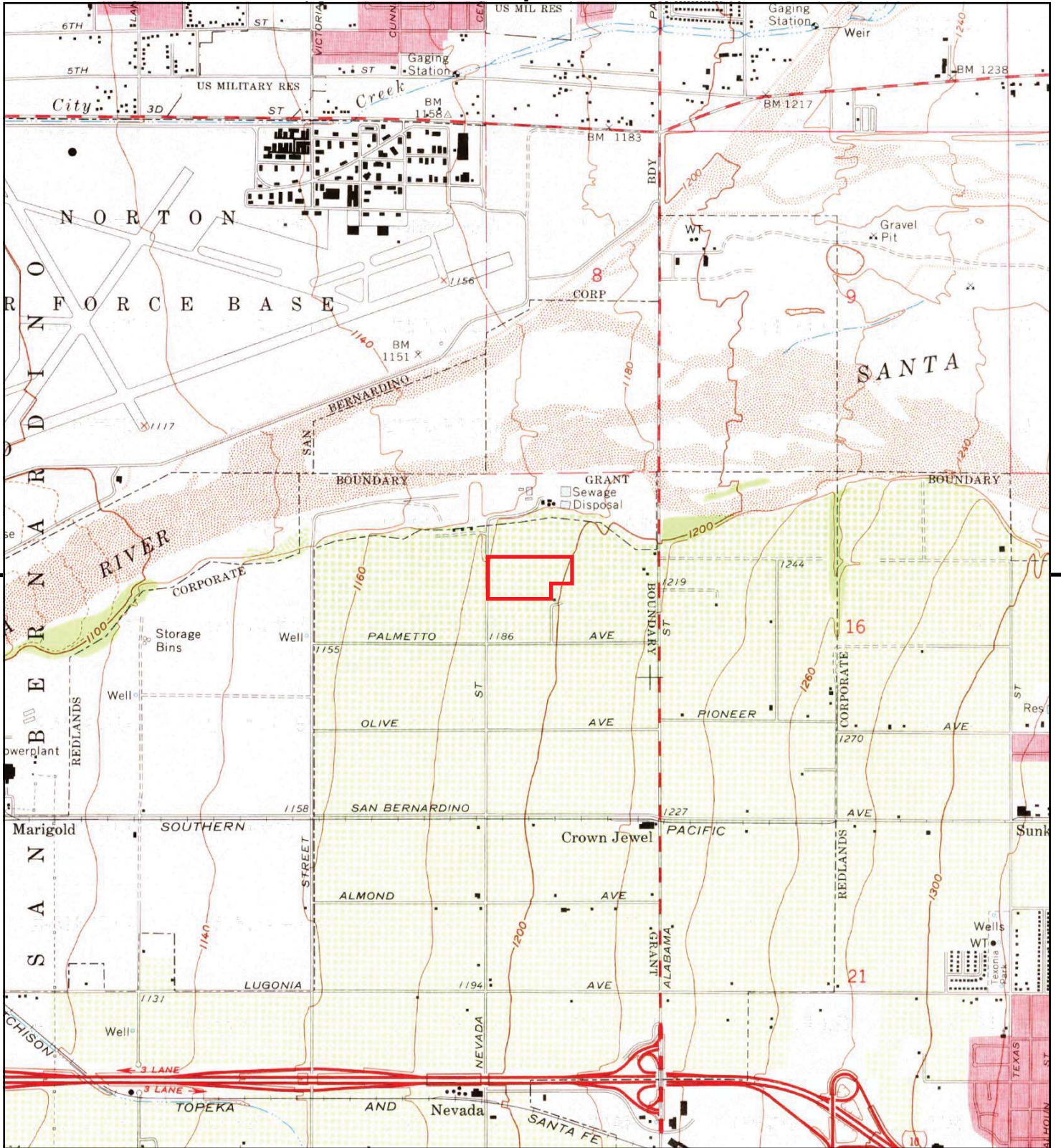
This report includes information from the following map sheet(s).



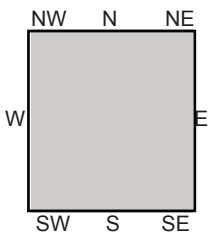
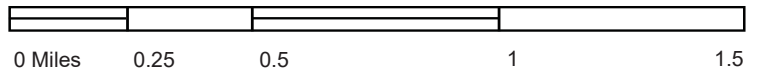
TP, Redlands, 1973, 7.5-minute

SITE NAME: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS, CA 92374
 CLIENT: V3 Companies of IL, LTD





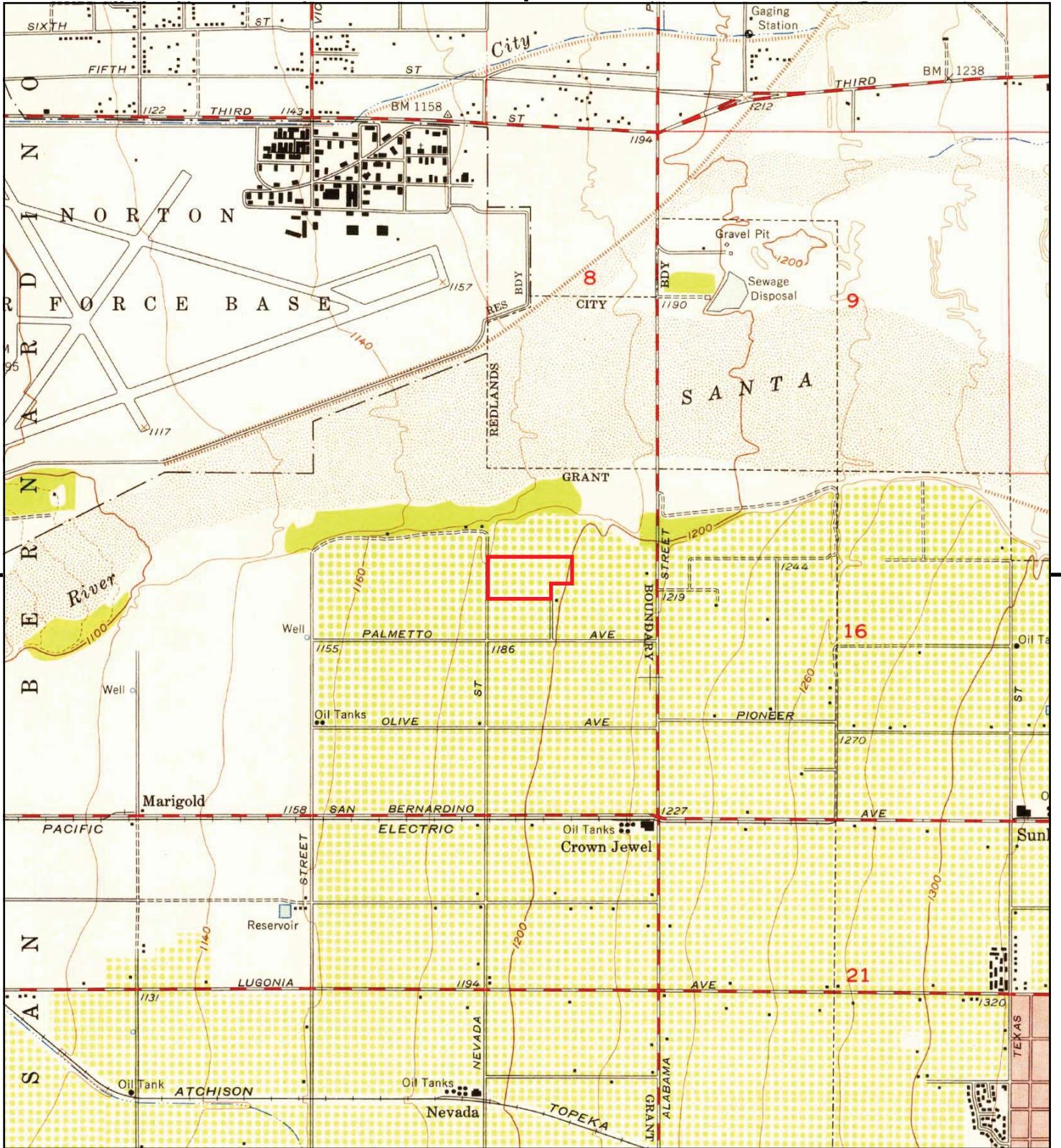
This report includes information from the following map sheet(s).



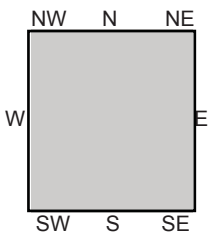
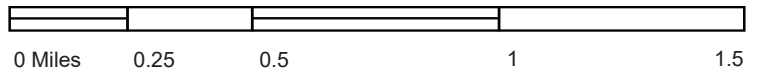
TP, Redlands, 1967, 7.5-minute

SITE NAME: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS, CA 92374
 CLIENT: V3 Companies of IL, LTD





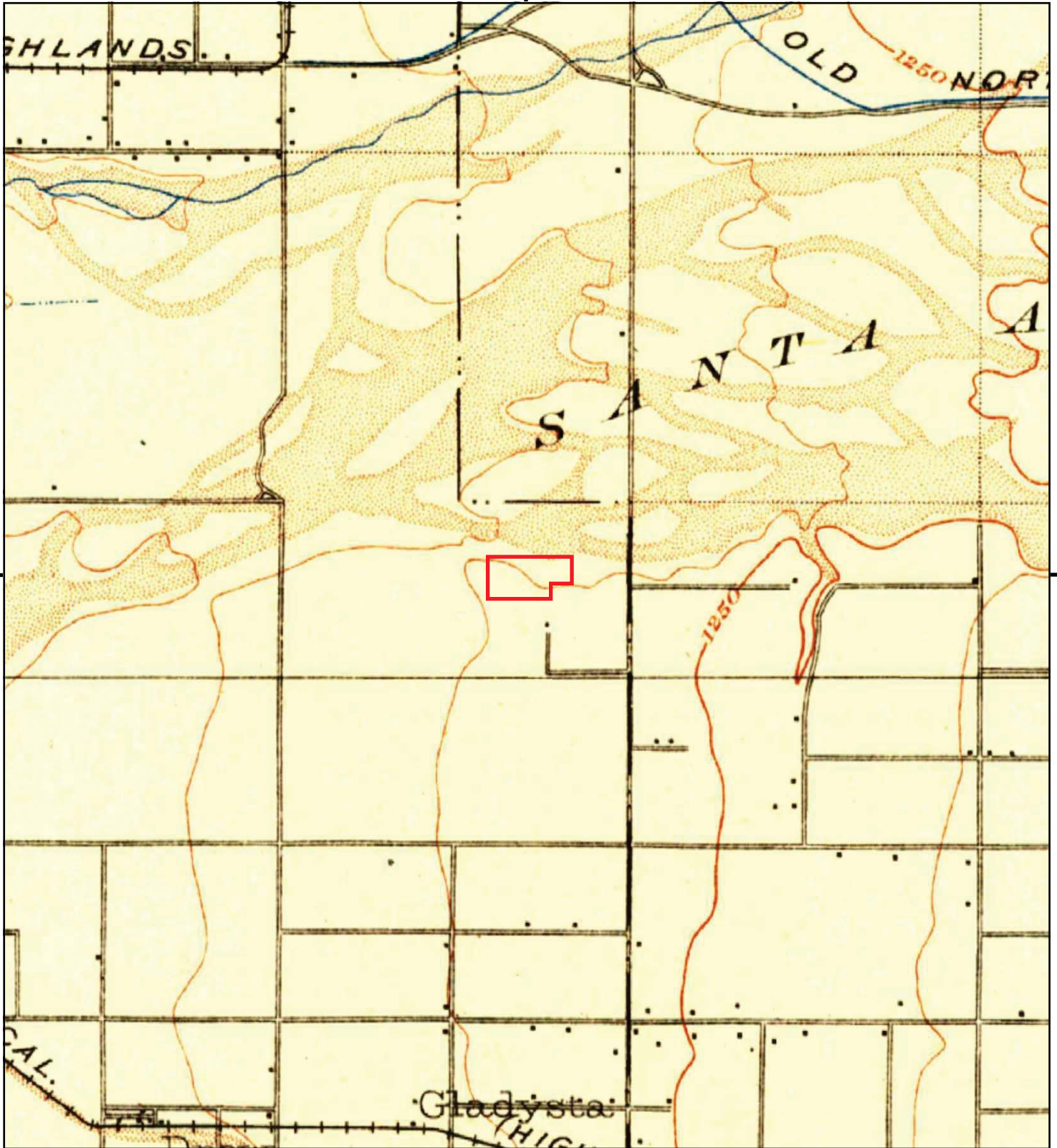
This report includes information from the following map sheet(s).



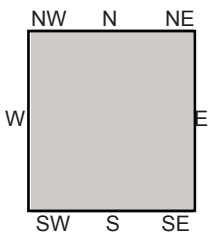
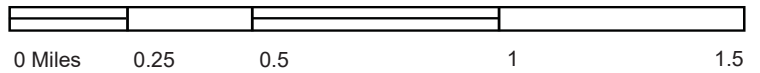
TP, Redlands, 1954, 7.5-minute

SITE NAME: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS, CA 92374
 CLIENT: V3 Companies of IL, LTD





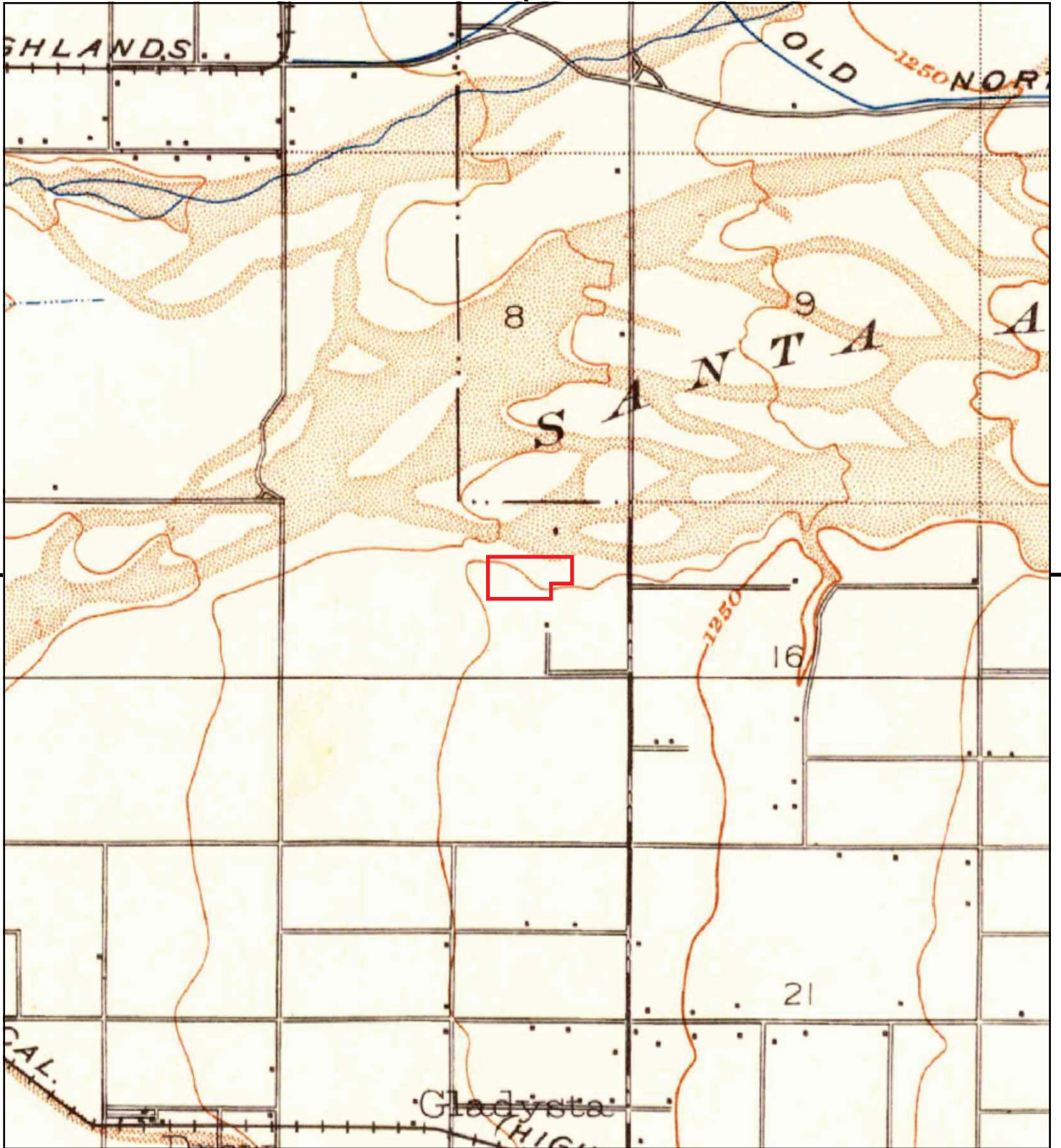
This report includes information from the following map sheet(s).



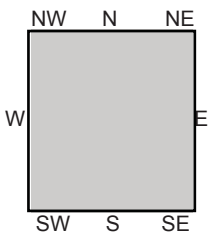
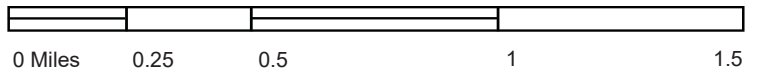
TP, Redlands, 1901, 15-minute

SITE NAME: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS, CA 92374
 CLIENT: V3 Companies of IL, LTD





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



TP, Redlands, 1899, 15-minute

SITE NAME: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS, CA 92374
 CLIENT: V3 Companies of IL, LTD



APPENDIX J
VAPOR ENCROACHMENT SCREENING DOCUMENT

Vacant Property Redlands CA

27050 PALMETTO AVE

REDLANDS, CA 92374

Inquiry Number: 6630553.2s

August 27, 2021

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Primary Map	2
Secondary Map	3
Map Findings	4
Record Sources and Currency	GR-1

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

Disclaimer - Copyright and Trademark Notice

The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

This report contains information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.**

Purchaser accepts this report "AS IS". Any analyses, estimates, ratings, or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can produce information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2021 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Federal NPL site list	1.0	0	0	1
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	0	1
Federal CERCLIS NFRAP site list	0.5	0	0	0
Federal RCRA CORRACTS facilities list	1.0	0	0	1
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	1
Federal RCRA generators list	0.25	0	0	1
Federal institutional controls / engineering controls registries	0.5	0	0	1
Federal ERNS list	0.001	0	0	-
State- and tribal - equivalent NPL	1.0	0	0	0
State- and tribal - equivalent CERCLIS	1.0	0	0	0
State and tribal landfill and/or solid waste disposal site lists	0.5	0	1	0
State and tribal leaking storage tank lists	0.5	0	1	0
State and tribal registered storage tank lists	0.25	0	0	0
State and tribal institutional control / engineering control registries	not searched	-	-	-
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	1	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	2	0
Local Lists of Registered Storage Tanks	0.25	0	1	0
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	1	0
Other Ascertainable Records	1.0	0	2	2

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

VACANT PROPERTY REDLANDS CA
27050 PALMETTO AVE
REDLANDS, CA 92374

COORDINATES

Latitude (North): 34.087609 - 34° 5' 15.390015"
Longitude (West): 117.215378 - 117° 12' 55.360107"
Elevation: 1193 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

EXECUTIVE SUMMARY

SEARCH RESULTS

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

STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
USAF NORTON AFB US ENG CONTROLS: US ENG CONTROLS RCRA-TSDF: RCRA-TSDF US INST CONTROLS: US INST CONTROLS RCRA-SQG: RCRA-SQG ROD: ROD PADS: PADS NPL: NPL CORRACTS: CORRACTS SEMS: SEMS	305 S TIPPECANOE AVE	1/10 - 1/3 NNW	Region	9
CALIFORNIA STREET LANDFILL WMUDS/SWAT: WMUDS/SWAT CIWQS: CIWQS EMI: EMI ENF: ENF CERS: CERS Financial Assurance: Financial Assurance 1 LDS: LDS WDS: WDS SWF/LF: SWF/LF (SWIS) PFAS: PFAS	2151 NEVADA	<1/10 WSW	◆ 1	9
REDLANDS CITY CA STREET LANDFILL CIWQS: CIWQS HIST CORTESE: HIST CORTESE EMI: EMI CERS TANKS: CERS TANKS CERS: CERS ENF: ENF LUST: LUST NPDES: NPDES CERS HAZ WASTE: CERS HAZ WASTE San Bern. Co. Permit: San Bern. Co. Permit Cortese: CORTESE	1950 NEVADA	<1/10 SW	◆ 2	10

ADDITIONAL ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
USAF NORTON AFB US ENG CONTROLS: US ENG CONTROLS RCRA-TSDF: RCRA-TSDF US INST CONTROLS: US INST CONTROLS RCRA-SQG: RCRA-SQG ROD: ROD PADS: PADS NPL: NPL CORRACTS: CORRACTS SEMS: SEMS	305 S TIPPECANOE AVE	1/10 - 1/3 NNW	Region	
NORTON AIR FORCE BASE (CLOSED) DOD: DOD	Not Reported	1/10 - 1/3 NNW	Region	9
CALIFORNIA STREET LANDFILL	2151 NEVADA	<1/10 WSW	◆ 1	9

EXECUTIVE SUMMARY

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
WMUDS/SWAT: WMUDS/SWAT CIWQS: CIWQS EMI: EMI ENF: ENF CERS: CERS Financial Assurance: Financial Assurance 1 LDS: LDS WDS: WDS SWF/LF: SWF/LF (SWIS) PFAS: PFAS				

REDLANDS CITY CA STREET LANDFILL CIWQS: CIWQS HIST CORTESE: HIST CORTESE EMI: EMI CERS TANKS: CERS TANKS CERS: CERS ENF: ENF LUST: LUST NPDES: NPDES CERS HAZ WASTE: CERS HAZ WASTE San Bern. Co. Permit: San Bern. Co. Permit Cortese: CORTESE	1950 NEVADA	<1/10 SW	◆ 2	10
--	-------------	----------	-----	----

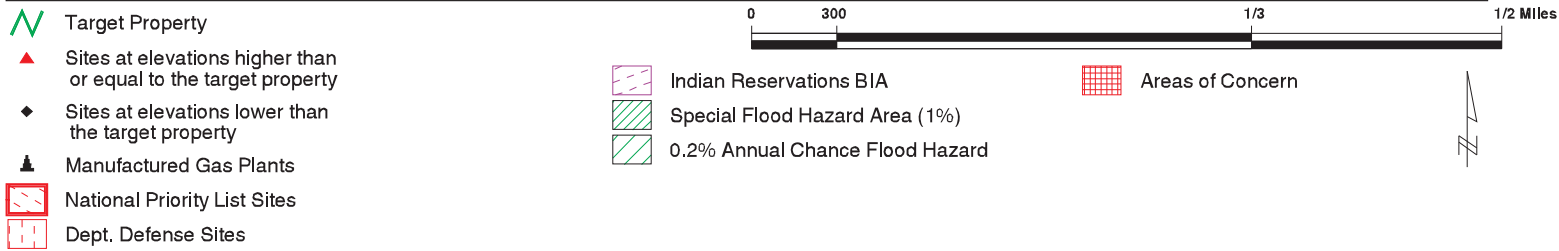
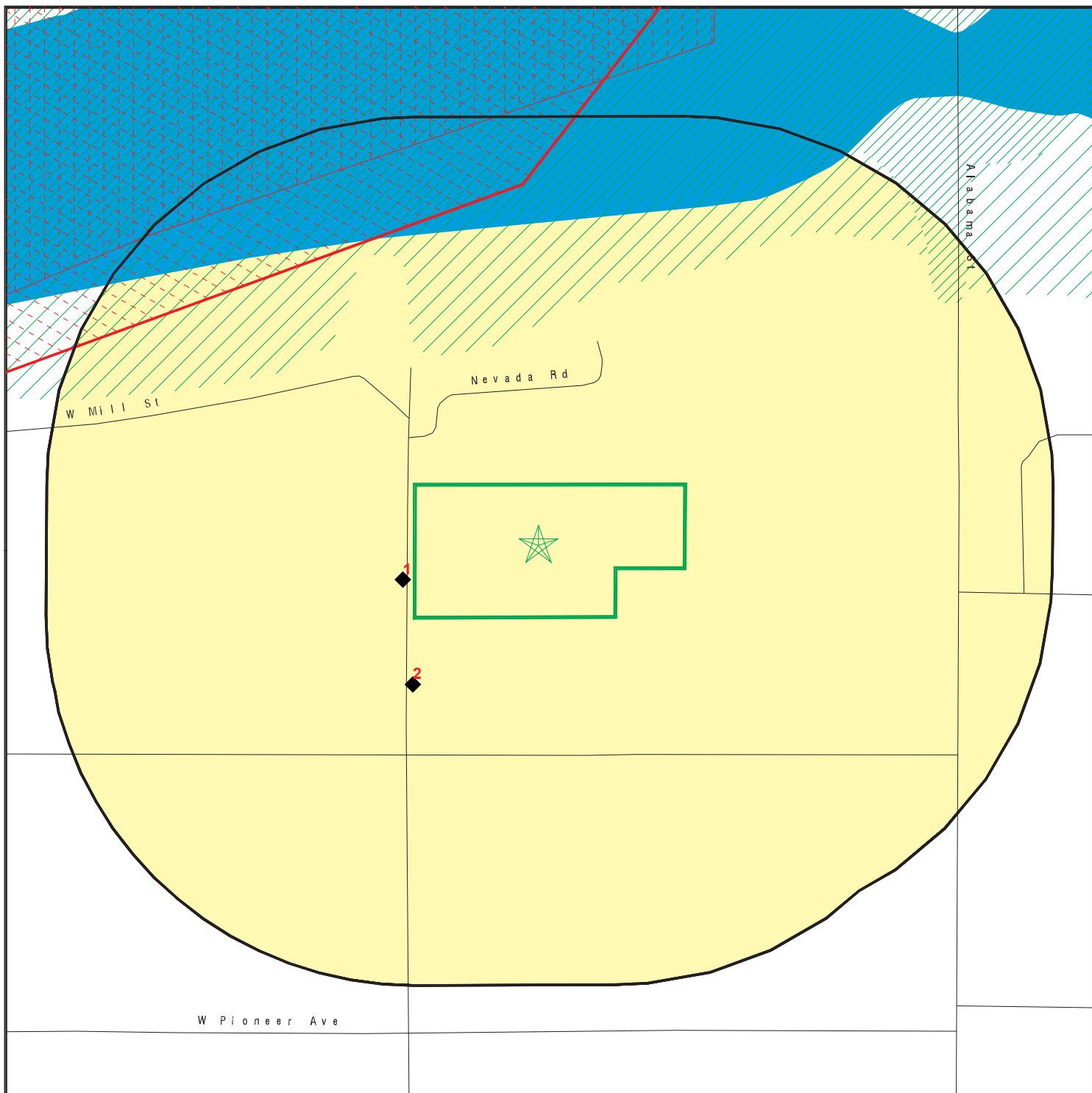
EDR HIGH RISK HISTORICAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

EDR RECOVERED GOVERNMENT ARCHIVES

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

PRIMARY MAP - 6630553.2S

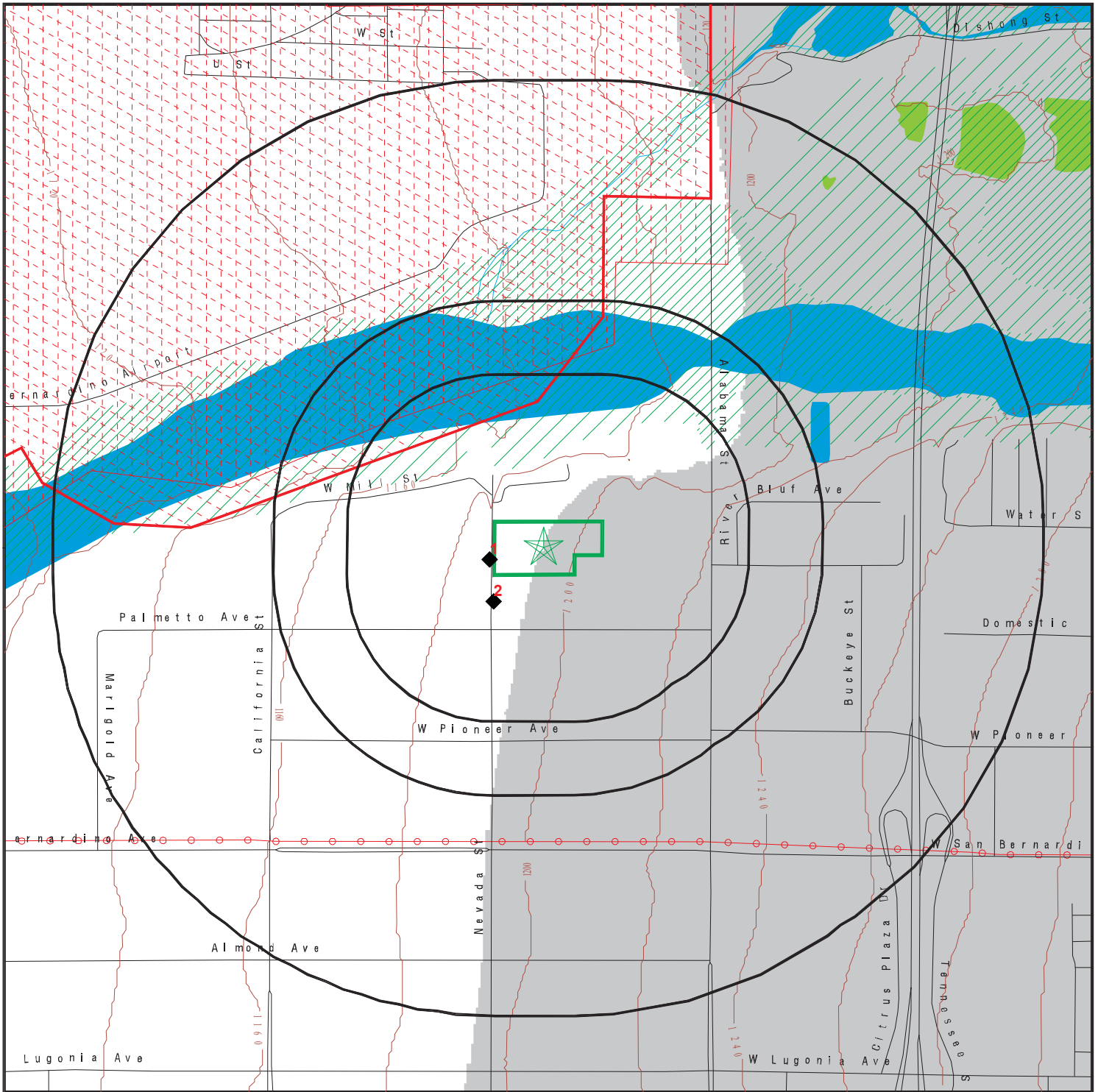


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS CA 92374
 LAT/LONG: 34.087609 / 117.215378

CLIENT: V3 Companies of IL, LTD
 CONTACT: Elaine Petkovsek
 INQUIRY #: 6630553.2s
 DATE: August 23, 2021 8:56 am

SECONDARY MAP - 6630553.2S



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

Upgradient Area

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: Vacant Property Redlands CA
 ADDRESS: 27050 PALMETTO AVE
 REDLANDS CA 92374
 LAT/LONG: 34.087609 / 117.215378

CLIENT: V3 Companies of IL, LTD
 CONTACT: Elaine Petkovsek
 INQUIRY #: 6630553.2s
 DATE: August 23, 2021 8:56 am

MAP FINDINGS

LEGEND

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
◆ MAP ID#	Direction Distance Range (Distance feet / miles)	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
	Relative Elevation Feet Above Sea Level	
Worksheet:		
Comments: Comments may be added on the online Vapor Encroachment Worksheet.		

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

USAF NORTON AFB 305 S TIPPECANOE AVE, SAN BERNARDINO, CA, 92408		1000417274
Region	NNW 1/10 - 1/3 (1174 ft. / 0.222 mi.)	Federal NPL site list Federal CERCLIS list Federal RCRA CORRACTS facilities list Federal RCRA non-CORRACTS TSD facilities list Federal RCRA generators list Federal institutional controls / engineering controls registries Other Ascertainable Records

Worksheet:

NORTON AIR FORCE BASE (CLOSED) Not Reported, , CA,		CUSA143166
Region	NNW 1/10 - 1/3 (1541 ft. / 0.292 mi.)	Other Ascertainable Records

Worksheet:

CALIFORNIA STREET LANDFILL 2151 NEVADA, REDLANDS, CA, 92373		S103442703
◆ 1	WSW <1/10 (55 ft. / 0.01 mi.)	State and tribal landfill and/or solid waste disposal site lists Local Lists of Landfill / Solid Waste Disposal Sites Local Lists of Hazardous waste / Contaminated Sites Records of Emergency Release Reports Other Ascertainable Records
	7 ft. Lower Elevation 1186 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

Comments: Groundwater data, gradient, and hydrogeologic characteristics of the setting suggest that vapors would not migrate from the source to the target property.

MAP FINDINGS

Conditions:

Chemicals of Concern: YES

Groundwater Flow Gradient:

Hydrogeologically: YES

Topographically: YES

Downgradient: YES

REDLANDS CITY CA STREET LANDFILL 1950 NEVADA, REDLANDS, CA, 92373			S101301246
◆ 2	SW <1/10 5 ft. Lower Elevation	(321 ft. / 0.061 mi.) 1188 ft. Above Sea Level	State and tribal leaking storage tank lists Local Lists of Hazardous waste / Contaminated Sites Local Lists of Registered Storage Tanks Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

Comments: Regulatory closure, gradient and hydrogeologic characteristics of the setting suggest that vapors would not migrate from the source to the target property.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Hydrogeologically: YES

Topographically: YES

Downgradient: YES

Norton Air Force Base Worksheet

Impact on Target Property: VEC does not exist

Comments: Groundwater data, gradient, and hydrogeologic characteristics of the setting suggest that vapors would not migrate from the source to the target property.

Conditions:

Chemicals of Concern: YES

Groundwater Flow Gradient: Down

Hydrogeologically: YES

Topographically: YES

Downgradient: YES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
ENVIRONMENTAL RECORDS						
<i>Federal NPL site list</i>						
US	NPL	National Priority List	EPA	04/27/2021	05/03/2021	05/19/2021
US	Proposed NPL	Proposed National Priority List Sites	EPA	04/27/2021	05/03/2021	05/19/2021
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
<i>Federal CERCLIS list</i>						
US	SEMS	Superfund Enterprise Management System	EPA	04/27/2021	05/03/2021	05/19/2021
<i>Federal RCRA CORRACTS facilities list</i>						
US	CORRACTS	Corrective Action Report	EPA	03/22/2021	03/23/2021	05/19/2021
<i>Federal RCRA TSD facilities list</i>						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/22/2021	03/23/2021	05/19/2021
<i>Federal RCRA generators list</i>						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/22/2021	03/23/2021	05/19/2021
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/22/2021	03/23/2021	05/19/2021
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	03/22/2021	03/23/2021	05/19/2021
<i>Federal institutional controls / engineering controls registries</i>						
US	LUCIS	Land Use Control Information System	Department of the Navy	05/10/2021	05/13/2021	08/03/2021
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	05/17/2021	05/21/2021	08/11/2021
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	05/17/2021	05/21/2021	08/11/2021
<i>Federal ERNS list</i>						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/14/2021	06/17/2021	08/17/2021
<i>State and tribal - equivalent NPL</i>						
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	04/23/2021	04/23/2021	07/12/2021
<i>State and tribal - equivalent CERCLIS</i>						
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	04/23/2021	04/23/2021	07/12/2021
<i>State and tribal landfill / solid waste disposal</i>						
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	05/10/2021	05/11/2021	07/27/2021
<i>State and tribal leaking storage tank lists</i>						
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	03/08/2021	03/09/2021	03/30/2021
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov. Date	Arvl. Date	Active Date
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Board	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Board	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Board	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Board	03/01/2001	04/23/2001	05/21/2001
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	09/30/2020	12/22/2020	03/12/2021
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/07/2020	12/16/2020	03/12/2021
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/01/2020	12/16/2020	03/12/2021
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/09/2020	12/16/2020	03/12/2021
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/08/2020	05/20/2020	08/12/2020
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/01/2020	12/16/2020	03/12/2021
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	10/02/2020	12/18/2020	03/12/2021
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	11/12/2020	12/16/2020	03/12/2021
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	03/08/2021	03/09/2021	03/30/2021
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Board	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Board	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Board	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 7	SLIC List	California Regional Water Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Board	09/10/2007	09/11/2007	09/28/2007
State and tribal registered storage tank lists						
CA	UST	Active UST Facilities	SWRCB	03/08/2021	03/09/2021	03/31/2021
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	03/05/2021	03/09/2021	04/01/2021
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	03/08/2021	03/09/2021	03/30/2021
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/01/2020	12/16/2020	03/12/2021
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	11/12/2020	12/16/2020	03/12/2021
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	10/02/2020	12/18/2020	03/12/2021
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/01/2020	12/16/2020	03/12/2021
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	09/30/2020	12/22/2020	03/12/2021
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/08/2020	05/20/2020	08/12/2020
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	10/07/2020	12/16/2020	03/12/2021
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/09/2020	12/16/2020	03/12/2021
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/29/2021	02/17/2021	03/22/2021
State and tribal voluntary cleanup sites						
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	04/23/2021	04/23/2021	07/12/2021
US	INDIAN VCP R7	Voluntary Cleanup Priority Listing	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov_Date	Arvl_Date	Active_Date
	<i>State and tribal Brownfields sites</i>					
CA	BROWNFIELDS	Considered Brownfields Sites Listing	State Water Resources Control Board	03/22/2021	03/23/2021	06/10/2021
	<i>Other Records</i>					
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2021	07/14/2021	07/16/2021
US	ROD	Records Of Decision	EPA	04/27/2021	05/03/2021	05/19/2021
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	04/27/2021	05/03/2021	05/19/2021
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
CA	SWRCY	Recycler Database	Department of Conservation	03/09/2021	03/31/2021	03/31/2021
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Health	05/06/2021	05/07/2021	07/23/2021
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	LEAD SMELTER 1	Lead Smelter Sites	EPA	04/27/2021	05/03/2021	05/19/2021
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/18/2021	05/18/2021	08/03/2021
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2019	12/01/2020	02/09/2021
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	03/22/2021	03/23/2021	06/17/2021
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	Delisted NPL	National Priority List Deletions	EPA	04/27/2021	05/03/2021	05/19/2021
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	04/27/2021	05/03/2021	05/19/2021
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/22/2021	03/23/2021	05/19/2021
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/22/2021	03/24/2021	06/17/2021
US	DOT OPS	Hazardous Materials Information Reporting System Incident and Accident Data	Department of Transportation, Office of Pipeline	01/02/2020	01/28/2020	04/17/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/18/2021	05/18/2021	08/03/2021
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/10/2021	06/10/2021	08/17/2021
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	05/04/2021	05/18/2021	08/11/2021
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	05/03/2021	05/25/2021	08/11/2021
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	05/27/2021	05/27/2021	06/10/2021
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	12/30/2020	01/14/2021	03/05/2021
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov. Date	Arvl. Date	Active Date
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	04/19/2021	04/20/2021	07/16/2021
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2020	11/23/2020	02/10/2021
US	PADS	PCB Activity Database System	EPA	11/19/2020	01/08/2021	03/22/2021
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	03/08/2021	03/11/2021	05/11/2021
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	05/05/2021	05/18/2021	08/17/2021
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	05/07/2021	05/13/2021	08/03/2021
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2017	06/22/2020	11/20/2020
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Services, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	06/15/2021	06/16/2021	08/17/2021
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2019	01/20/2021	04/08/2021
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	04/04/2021	04/20/2021	07/07/2021
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	03/22/2021	03/23/2021	06/10/2021
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	05/01/2019	05/14/2019	07/17/2019
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	05/28/2021	05/28/2021	08/20/2021
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	05/18/2021	05/19/2021	08/05/2021
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substances Control	05/25/2021	05/28/2021	08/20/2021
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	05/25/2021	05/26/2021	08/18/2021
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2018	06/16/2020	08/28/2020
CA	ENF	Enforcement Action Listing	State Water Resources Control Board	04/16/2021	04/20/2021	07/07/2021
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	04/14/2021	04/15/2021	07/06/2021
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	05/13/2021	05/13/2021	07/26/2021
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	11/23/2020	11/23/2020	02/08/2021
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2019	04/15/2020	07/02/2020
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	05/14/2021	05/14/2021	07/27/2021
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	04/05/2021	04/06/2021	06/23/2021
CA	ICE	ICE	Department of Toxic Substances Control	05/14/2021	05/14/2021	07/27/2021
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Quality Control Board	03/08/2021	03/09/2021	03/31/2021
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	05/27/2021	05/28/2021	08/20/2021
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	03/08/2021	03/09/2021	03/30/2021
CA	MINES	Mines Site Location Listing	Department of Conservation	03/08/2021	03/09/2021	03/30/2021
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	05/06/2021	05/28/2021	08/20/2021
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	05/10/2021	05/11/2021	07/27/2021
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	05/28/2021	05/28/2021	08/20/2021
CA	PROC	Certified P processors Database	Department of Conservation	03/09/2021	03/09/2021	03/31/2021
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	03/12/2021	03/16/2021	06/01/2021
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	04/23/2021	04/23/2021	07/12/2021

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov. Date	Arvl. Date	Active Date
CA	SPIILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	03/08/2021	03/09/2021	03/13/2021
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	11/19/2019	01/07/2020	03/09/2020
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	03/08/2021	03/09/2021	03/30/2021
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resources Control Board	03/08/2021	03/09/2021	03/30/2021
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	03/08/2021	03/09/2021	03/30/2021
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	03/08/2021	03/09/2021	03/30/2021
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	03/08/2021	03/09/2021	03/30/2021
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	03/08/2021	03/09/2021	03/30/2021
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	03/08/2021	03/09/2021	03/30/2021
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	04/08/2021	04/09/2021	04/20/2021
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	03/08/2021	03/09/2021	03/30/2021
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2018	07/02/2020	09/17/2020
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	04/04/2021	04/06/2021	06/25/2021
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	04/19/2021	04/20/2021	07/07/2021
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	02/24/2021	02/24/2021	05/14/2021
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	05/14/2021	05/14/2021	08/03/2021
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	02/22/2021	03/30/2021	06/17/2021
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	03/09/2021	03/09/2021	03/31/2021
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	05/19/2021	05/19/2021	08/12/2021
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	04/19/2021	04/20/2021	07/07/2021
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	04/19/2021	04/20/2021	07/07/2021
HISTORICAL USE RECORDS						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov_Date	Arvl_Date	Active_Date
COUNTY RECORDS						
CA	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	01/09/2019	01/11/2019	03/05/2019
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	03/17/2021	03/18/2021	03/25/2021
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	02/02/2021	02/04/2021	04/23/2021
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017
CA	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	06/15/2021	06/16/2021	07/02/2021
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	04/06/2020	04/23/2020	07/10/2020
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	04/21/2021	04/22/2021	07/12/2021
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	12/17/2020	01/28/2021	04/16/2021
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	05/10/2021	05/12/2021	07/26/2021
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	01/14/2021	01/15/2021	04/05/2021
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	05/17/2021	05/18/2021	05/20/2021
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	04/14/2021	04/15/2021	07/06/2021
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2021	04/03/2018	06/14/2018
CA	CUPA KERN	CUPA Facility List	Kern County Public Health	04/22/2021	04/30/2021	07/19/2021
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	07/06/2021	08/12/2021	08/18/2021
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	12/03/2020	01/26/2021	04/14/2021
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	05/10/2021	05/12/2021	07/26/2021
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	07/31/2020	08/21/2020	11/09/2020
CA	AOCONCERN	Key Areas of Concerns in Los Angeles County	Department of Public Works	03/30/2009	03/31/2009	10/23/2009
CA	HMS LOS ANGELES	HMS: Street Number List	La County Department of Public Works	04/08/2021	04/13/2021	06/28/2021
CA	LF LOS ANGELES	List of Solid Waste Facilities	Engineering & Construction Division	01/12/2021	04/13/2021	06/28/2021
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Los Angeles Fire Department	01/01/2021	02/18/2021	05/10/2021
CA	LOS ANGELES AST	Active & Inactive AST Inventory	Los Angeles County Department of Public Works	06/01/2019	06/25/2019	08/22/2019
CA	LOS ANGELES CO LF METHANE	Methane Producing Landfills	Los Angeles Fire Department	02/04/2021	04/16/2021	04/21/2021
CA	LOS ANGELES HM	Active & Inactive Hazardous Materials Inventory	Los Angeles Fire Department	04/19/2021	06/17/2021	06/28/2021
CA	LOS ANGELES UST	Active & Inactive UST Inventory	Los Angeles Fire Department	06/01/2019	06/25/2019	08/22/2019
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	03/02/2021	04/16/2021	07/06/2021
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	04/22/2019	04/23/2019	06/27/2019
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	02/02/2021	04/28/2021	07/13/2021
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	08/10/2020	08/12/2020	10/23/2020
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	09/26/2018	10/04/2018	11/02/2018
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	03/24/2021	04/07/2021	06/24/2021
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	05/13/2021	05/14/2021	07/26/2021
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	02/22/2021	03/02/2021	05/19/2021
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	06/23/2021	06/23/2021	06/24/2021
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017
CA	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	09/05/2019	09/09/2019	10/31/2019
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	04/28/2021	04/29/2021	07/15/2021
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	03/01/2021	04/30/2021	07/19/2021
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	03/01/2021	05/03/2021	05/12/2021
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	04/29/2021	04/30/2021	07/19/2021
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	05/25/2021	05/26/2021	06/01/2021
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	03/31/2019	04/23/2019	06/26/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov. Date	Arvl. Date	Active Date
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	06/29/2021	06/30/2021	07/14/2021
CA	UST RIVERSIDE	Underground Storage Tank List	Department of Environmental Health	06/29/2021	06/30/2021	07/14/2021
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	03/30/2021	04/01/2021	06/23/2021
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	03/30/2021	04/01/2021	06/25/2021
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	04/28/2021	04/29/2021	05/03/2021
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	05/19/2021	05/19/2021	06/07/2021
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	05/28/2021	05/28/2021	08/20/2021
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	10/01/2020	11/23/2020	02/08/2021
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	07/14/2020	07/16/2020	09/29/2020
CA	SAN DIEGO CO SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	CUPA SAN FRANCISCO CO	CUPA Facility Listing	San Francisco County Department of Environmen	05/06/2021	05/07/2021	07/23/2021
CA	LUST SAN FRANCISCO	Local Oversight Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	05/06/2021	05/07/2021	07/23/2021
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	05/07/2021	05/11/2021	05/14/2021
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	02/20/2020	02/20/2020	04/24/2020
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	03/29/2019	03/29/2019	05/29/2019
CA	CUPA SANTA BARBARA	CUPA Facility Listing	San Mateo County Environmental Health Service	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Santa Barbara County Public Health Department	02/24/2021	02/26/2021	05/19/2021
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Department of Environmental Health	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	11/03/2020	11/05/2020	01/26/2021
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Manageme	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2019	06/06/2019	08/13/2019
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	03/23/2021	03/25/2021	06/10/2021
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	07/02/2021	07/06/2021	07/14/2021
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	04/01/2021	04/01/2021	06/23/2021
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	05/14/2021	05/17/2021	08/03/2021
CA	UST SUTTER	Underground Storage Tanks	Sutter County Environmental Health Services	05/25/2021	05/26/2021	08/18/2021
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	01/13/2021	01/14/2021	04/06/2021
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	04/14/2021	04/15/2021	07/06/2021
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	04/26/2021	04/28/2021	07/13/2021
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	03/29/2021	04/22/2021	07/12/2021
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	03/29/2021	04/21/2021	04/23/2021
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	03/01/2021	03/09/2021	03/31/2021
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	03/26/2021	04/01/2021	06/23/2021
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	04/21/2021	04/22/2021	05/12/2021

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St_Acronym Full Name Government Agency Gov Date Anvl Date Active Date

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX K
SITE PHOTOGRAPHS



PHOTO 1

Date: 08/18/2021

Storage area for roll-off containers in northwest portion of the Site (Lot 1).

View facing south



PHOTO 2

Date: 08/18/2021

Typical ground covering along north portion of Site including dry grass and bare sand along access road. Lot 1 in the foreground, Lot 2 in the background.

View facing east



PHOTO 3

Date: 08/18/2021

Lot 1 ground covering.

View facing south



PHOTO 4

Date: 08/18/2021

Central portion of the Site
with Lot 2 in the foreground
and Lot 1 in the background.

View facing west



PHOTO 5

Date: 08/18/2021

North portion of Lot 2.

View facing north



PHOTO 6

Date: 08/18/2021

Northern border of Lot 2.
Adjoining property occupied
by sludge drying beds
associated with wastewater
treatment plant.

View facing north



PHOTO 7

Date: 08/18/2021

Retaining walls associated with newly developed property to the east and south of Lot 2.

View facing southeast



PHOTO 8

Date: 08/18/2021

South adjoining property. Eastern 2/3rds (shown here) appears to be unoccupied.

View facing southwest



PHOTO 9

Date: 08/18/2021

South adjoining property. Western 1/3rd (shown here) appears to be occupied. No storage of hazardous materials was noted along the fence line.

View facing south



PHOTO 10

Date: 08/18/2021

Adjoining west property to Lot 1, across Nevada Street is an active almond orchard. California Street landfill can be seen in the background.

View facing west-northwest



PHOTO 11

Date: 08/18/2021

Southern portion of Lot 1. Note adjoining west property, across Nevada Street; an active almond orchard and California Street landfill.

View facing west



PHOTO 12

Date: 08/18/2021

View of Nevada Street along the western border of Lot 1.

View facing north

APPENDIX L
DEFINITIONS & ACRONYMS

Definitions, Descriptions of Terms, and List of Acronyms

abandoned property—*property* that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current *owner* to surrender rights to the *property*.

activity and use limitations—legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil or ground water on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or *engineering controls*, are intended to prevent adverse impacts to individuals or populations that may be exposed to *hazardous substances* and *petroleum products* in the soil or ground water on the *property*.

actual knowledge—the knowledge actually possessed by an individual who is a real person, rather than an entity. *Actual knowledge* is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

adjoining properties—any real *property* or properties the border of which is contiguous or partially contiguous with that of the *property*, or that would be contiguous or partially contiguous with that of the *property* but for a street, road, or other public thoroughfare separating them.

aerial photographs—photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the *property*. *Aerial photographs* are often available from government agencies or private collections unique to a local area. See 8.3.4.1 of this practice.

all appropriate inquiry—that inquiry constituting *all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined in CERCLA, 42 U.S.C. §9601(35)(B), that will qualify a party to a *commercial real estate transaction* for one of threshold criteria for satisfying the *LLP's* to CERCLA liability (42 U.S.C. §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense. See Appendix XI.

approximate minimum search distance—the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the *property* and shall be measured from the nearest *property* boundary. This term is used in lieu of radius to include irregularly shaped properties.

Asbestos Containing Material (ACM)—Regulatory agencies define ACM as a material containing greater than one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependant upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory

threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable. Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM becomes damaged or is likely to be disturbed or damaged during demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.

Above Ground Storage Tanks (AST)—ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.

Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)—BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.

bona fide prospective purchaser liability protection—(42 U.S.C. §9607(r))—a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made "all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices." Knowledge of contamination resulting from *all appropriate inquiry* would not generally preclude this liability protection. A person must make *all appropriate inquiry* on or before the date of purchase. The facility must have been purchased after January 11, 2002. See Appendix XI for the other necessary requirements that are beyond the scope of this practice.

Brownfields Amendments—amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 U.S.C. §§9601 *et seq.*

building department records—those records of the local government in which the *property* is located indicating permission of the local government to contract, alter, or demolish improvements on the *property*. Often *building department records* are located in the building department of a municipality or county. See 8.3.4.7.

business environmental risk—a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of *commercial real estate*, not necessarily limited to

those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations, some of which are identified in Section 13.

commercial real estate—any real *property* except a *dwelling* or *property* with no more than four *dwelling* units exclusively for residential use (except that a *dwelling* or *property* with no more than four *dwelling* units exclusively for residential use is included in this term when it has a commercial function, as in the building of such *dwellings* for profit). This term includes but is not limited to undeveloped real *property* and real *property* used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; *property* used for residential purposes that has more than four residential *dwelling* units; and *property* with no more than four *dwelling* units for residential use when it has a commercial function, as in the building of such *dwellings* for profit.

commercial real estate transaction—a transfer of title to or possession of real *property* or receipt of a security interest in real *property*, except that it does not include transfer of title to or possession of real *property* or the receipt of a security interest in real *property* with respect to an individual *dwelling* or building containing fewer than five *dwelling* units, nor does it include the purchase of a lot or lots to construct a *dwelling* for occupancy by a purchaser, but a *commercial real estate* transaction does include real *property* purchased or leased by persons or entities in the business of building or developing *dwelling* units.

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)—(a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentiality responsible parties for cleanup-related costs.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)—the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential *hazardous* substance contamination for possible inclusion on the *National Priorities List*.

construction debris—concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to *property*.

contaminated public wells—public wells used for drinking water that have been designated by a government entity as contaminated by hazardous substances (for example, chlorinated solvents), or as having water unsafe to drink without treatment.

contiguous property owner liability protection—(42 U.S.C. §9607(q))—a person may qualify for the *contiguous property owner liability protection* if, among other requirements, such person owns real *property* that is contiguous to, and that is or may be contaminated by *hazardous* substances from other real *property* that is not owned by that person. Furthermore, such person conducted *all appropriate* inquiry at the time of acquisition of the *property* and did not know or have reason to know that the *property* was or could be contaminated by a release or threatened release from the contiguous *property*. The *all appropriate* inquiry must not result in knowledge of contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the *contiguous property owner liability*

protection. See Appendix XI for the other necessary requirements that are beyond the scope of this practice.

CORRACTS list—a list maintained by EPA of *hazardous* waste treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of *hazardous* waste beyond 90 days) that have been notified by the U.S. Environmental Protection Agency to undertake corrective action under RCRA. The *CORRACTS list* is a subset of the EPA database that manages RCRA data.

data failure—a failure to achieve the historical re-search objectives in 8.3.1 through 8.3.2.2 even after reviewing the standard historical sources in 8.3.4.1 through 8.3.4.8 that are *reasonably ascertainable* and likely to be useful. *Data failure* is one type of *data gap*. See 8.3.2.3.

data gap—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 (for example, an inability to conduct the *site visit*), and interviews (for example, an inability to interview the *key site* manager, regulatory officials, etc.). See 12.7.

demolition debris—concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to *property*.

drum—a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store *hazardous* substances or *petroleum products*.

dry wells—underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. *Dry wells* are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and non-intentional) and wastewater disposal (often illegal).

due diligence—the process of inquiring into the environmental characteristics of a parcel of *commercial real estate* or other 'conditions, usually in connection with a *commercial real estate* transaction. The degree and kind of *due diligence* vary for different properties and differing purposes. See Appendix XI.

dwelling—structure or portion thereof used for residential habitation.

engineering controls (EC)—physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to *hazardous substances* or *petroleum products* in the soil or ground water on the *property*. *Engineering controls* are a type of activity and use limitation (AUL).

environmental compliance audit—the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe this practice, although an *environmental compliance audit* may include an environmental site assessment or, if prior audits are available, may be part of an environmental site assessment.

environmental lien—a charge, security, or encumbrance upon title to a *property* to secure the payment of a cost,

damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or *petroleum products* upon a *property*, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §§9607(1) & 9607(r) and similar state or local laws.

environmental professional—a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). See Appendix X2. The person may be an independent contractor or an employee of the user.

environmental site assessment (ESA)—the process by which a person or entity seeks to determine if a particular parcel of real *property* (including improvements) is subject to recognized *environmental conditions*. At the option of the user, an environmental site assessment may include more inquiry than that constituting *all appropriate inquiry* or, if the user is not concerned about qualifying for the LLPs, less inquiry than that constituting *all appropriate inquiry*. An environmental site assessment is both different from and less rigorous than an environmental *compliance* audit.

ERNS list—EPA's emergency response notification system list of reported CERCLA *hazardous* substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response Center. Notification requirements for such releases or spills are codified in 40 CFR Parts 302 and 355.

Federal Register (FR)—publication of the United States government published daily (except for federal holidays and weekends) containing all proposed and final regulations and some other activities of the federal government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the *Federal Register*.

fill din—dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation of real *property*. It does not include material that is used in limited quantities for normal landscaping activities.

fire insurance maps—maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the *property*. These maps are often available at local libraries, historical societies, private resellers, or from the map companies who produced them.

good faith—the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one's obligations in the conduct or transaction concerned.

hazardous substance—a substance defined as a *hazardous substance* pursuant to CERCLA 42 U.S.C.89601(14), as interpreted by EPA regulations and the courts:" (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (E) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any *hazardous waste* having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C.§§6901 *et seq.*) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with

respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)." (See Appendix XI.)

hazardous waste—any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901.6992k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a *hazardous waste*. at 42 U.S.C. §6903, as: "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may-(A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

hazardous waste/contaminated sites—sites on which a release has occurred, or is suspected to have occurred, of any *hazardous substance*, *hazardous waste*, or *petroleum products*, and that release or suspected release has been reported to a government entity.

HREC (historical recognized environmental condition)—an environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. The final decision rests with the *environmental professional* and will be influenced by the current impact of the *historical recognized environmental condition* on the *property*. If a past release of any *hazardous substances* or *petroleum products* has occurred in connection with the property and has been remediated, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered an *historical recognized environmental condition* and included in the findings section of the Phase I Environmental Site Assessment report. The *environmental professional* shall provide an opinion of the current impact on the *property* of this *historical recognized environmental condition* in the opinion section of the report. If this *historical recognized environmental condition* is determined to be a *recognized environmental condition* at the time the Phase I Environmental Site Assessment is conducted, the condition shall be identified as such and listed in the conclusions section of the report.

IC/EC registries—databases of institutional *controls* or engineering *controls* that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of "deed restrictions" (California), environmental real covenants list (Colorado), brownfields site list (Indiana, Missouri, Pennsylvania).

innocent landowner defense—(42 U.S.C. 889601(35) &

9607(b)(3)—a person may qualify as one of three types of innocent landowners: (i) a person who "did not know and had no reason to know" that contamination existed on the *property* at the time the purchaser acquired the *property*; (ii) a government entity which acquired the *property* by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who "acquired the facility by inheritance or bequest" To qualify for the first type of innocent landowner LLP, such person must *have made all appropriate inquiry* on or before the date of purchase. Furthermore, the *all appropriate inquiry* must not have resulted in knowledge of the contamination. If it does, then such person did "know" or "had reason to know" of contamination and would not be eligible for the innocent *landowner defense*. See Appendix XI for the other necessary requirements that are beyond the scope of this practice.

institutional controls (/C)—a legal or administrative restriction (for example, "deed restrictions," restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil or ground water on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of *no significant risk* to public health or the environment. An institutional control is a type of Activity and Use Limitation (AUL).

interviews—those portions of this practice that are contained in Section 10 and I I thereof and address questions to be asked of past and present owners, *operators*, and *occupants* of the *property* and questions to be asked of local government officials.

key site manager—the person identified by the *owner* or *operator* of a *property* as having good knowledge of the uses and physical characteristics of the *property*. See 10.5.1.

landfill—a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *solid waste disposal site* and is also known as a garbage dump, trash dump, or similar term.

Landowner Liability Protections (LLPs)—*landowner liability protections* under CERCLA; these protections include the *bona fide prospective purchaser liability protection*, *contiguous property owner liability protection*, and *innocent landowner defense* from CERCLA liability. See 42 U.S.C. §§9601(95)(A), 9601(40), 9607(b), 9607(q), 9607(r).

local government agencies—those agencies of municipal or county government having jurisdiction over the *property*. Municipal and county government agencies include but are not limited to cities, parishes, townships, and similar entities.

local street directories—directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses. Often *local street directories* are available at libraries, or historical societies, and/or local municipal offices. See 8.34.6 of this practice.

LUST sites—state lists of leaking *underground storage tank* sites. RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require *owners* and *operators* to do so. (42 U.S.C. §991b).

major occupants—those tenants, subtenants, or other persons or entities each of which uses at least 40 % of the leasable area of the *property* or any anchor tenant when the *property* is a shopping center.

material safety data sheet (MSDS)—written or printed material concerning a *hazardous substance* which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA's Hazard Communication Standard, 29 C.F.R. §1910.1200.

material threat—a physically observable or *obvious* threat which is reasonably likely to lead to a release that, in the opinion of the environmental *professional*, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a *hazardous substance* and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with a release of contents to the environment.

Maximum contaminant level (MCL)—This Safe Drinking Water concept (and also used by many states as a groundwater cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.

National Contingency Plan (NCP)—the National Oil and Hazardous Substances Pollution Contingency Plan, found at 40 C.F.R. Part 300, that is the EPA's blueprint on how *hazardous substances* are to be cleaned up pursuant to CERCLA.

National Emissions Standard for Hazardous Air Pollutants (NESHAP)—(Federal Clean Air Act) This part of the Clean Air Act regulates emissions of hazardous air pollutants.

No Further Remedial Action Planned (NFRAP)—Facilities where there is NFRAP, as more particularly described under the Records Review section of this report.

Notice of Violation (NOV)—A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.

National Pollutant Discharge Elimination System (NPDES)—(Clean Water Act) the federal permit system for discharges of polluted water.

National Priorities List (NPL)—list compiled by EPA pursuant to CERCLA 42 U.S.C. §9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA's Hazard Ranking System. See 40 C.F.R. Part 300.

obvious—that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the *property*.

occupants—those tenants, subtenants, or other persons or entities using the *property* or a portion of the *property*.

operator—the person responsible for the overall operation of a facility.

other historical sources—any source or sources other

than those designated in 8.3.4.1 through 8.3.4.8 that are credible to a reasonable person and that identify past uses of the *property*. The term includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current owners or occupants of neighboring properties, and records in the files and/or personal knowledge of the *property owner* and/or occupants. See 8.3.4.9.

owner—generally the fee owner of record of the *property*.

Presumed Asbestos-Containing Material (PACM)—A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.

Polychlorinated Biphenyl (PCB)—A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment: however, some of this equipment may still be in use today.

picoCuries per Liter of Air (pCi/l)—Unit of measurement for Radon and similar radioactive materials.

petroleum exclusion—the exclusion from CERCLA liability provided in 42 U.S.C. §9601(14), as interpreted by the courts and EPA: "The term (*hazardous substance*) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas)."

petroleum products—those substances included within the meaning of the *petroleum exclusion* to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under Subparagraphs (A) through (F) of 42 U.S.C. § 9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosine, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics?)

petroleum storage tank (PST)—An AST or UST that contains a petroleum product.

Phase / Environmental Site Assessment—the process described in this practice.

physical setting sources—sources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a *property*. See 8.2.3.

pits, ponds, or lagoons—man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing *hazardous substances* or *petroleum*

products. The likelihood of such liquids or sludge being present is determined by evidence of factors associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

Polarized Light Microscopy (PLM)—see ACM section of the report, if included in the scope of services)

practically reviewable—information that is *practically reviewable* means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the *property* without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the *user* can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the *property* or a geographic area in which the *property* is located are not generally *practically reviewable*. Most databases of public records are *practically reviewable* if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally *practically reviewable*. Listings in *publicly available* records which do not have adequate address information to be located geographically are not generally considered *practically reviewable*. For large databases with numerous records (such as RCRA hazardous waste generators and registered *underground storage tanks*), the records are not *practically reviewable* unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be *practically reviewable*. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the $p^o p^{eff}$, it is *not practically reviewable*.

property—the real *property* that is the subject of the *environmental site assessment* described in this practice. Real *property* includes buildings and other fixtures and improvements located on the *property* and affixed to the land.

property tax files—the files kept for *property tax* purposes by the local jurisdiction where the *property* is located and may include records of past ownership, appraisals, maps, sketches, photos, or other information that is *reasonably ascertainable* and pertaining to *the property*. See 8.34.3.

publicly available—information that is *publicly available* means that the source of the information allows access to the information by anyone upon request.

Radon—A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per liter of air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the

underlying soil and groundwater. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.

Resource Conservation and Recovery Act (RCRA)—Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave'). 42 U.S.C. 6901 et seq.

RCRA CORRACTS/TSDs—The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials, which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.

RCRA Non-CORRACTS/TSDs—The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities that report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.

RCRA generators—those persons or entities that generate hazardous wastes, as defined and regulated by RCRA.

RCRA generators list—list kept by EPA of those persons or entities that generate *hazardous wastes* as defined and regulated by RCRA.

RCRA TSD facilities—those facilities on which treatment, storage, and/or disposal of *hazardous wastes* takes place, as defined and regulated by RCRA.

RCRA TSD facilities list—list kept by EPA of those facilities on which treatment, storage, and/or disposal of *hazardous wastes* takes place, as defined and regulated by RCRA.

RCRA Violators List—RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.

Resource Conservation and Recovery Information System (RCRIS)—as defined in the Records Review section of this report.

reasonably ascertainable—information that is (1) *publicly available*, (2) obtainable from its source within reasonable time and cost constraints, and (3) *practically reviewable*

recognized environmental conditions (REC)—the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a *material* threat of a release of any *hazardous substances* or *petroleum products* to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a water, or surface water of the *property*. The term includes into structures on the *property* or into the ground, ground threat

solvent—a chemical compound that is capable of dissolving another substance and may itself be a *hazardous* substance,

Conditions determined to be de minimis are not *recognized environmental conditions*.

recorded land title records—records of historical fee ownership, which may include leases, land contracts, and AULs on or of the *property* recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in *which the property* is located. (Often such records are kept by a municipal or county recorder or clerk.) *Such* records may be obtained from title companies or directly from the local government agency. Information about the title to the *property* that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the *property* is located, are not considered part of *recorded land title records*. See 8.3.4.4.

records of emergency release notifications EPCRA—(42 U.S.C. §1 1004)—requires *operators* of facilities to notify their local emergency planning committee (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) of any release beyond the facility's boundary of any reportable quantity of any extremely *hazardous* substance. Often the local fire department is the local emergency planning committee. Records of such notifications are "Records of Emergency Release Notifications" (42 U.S.C. 11004).

records review—that part that is contained in Section 8 of this practice addresses which records shall or may be reviewed.

report—the written report prepared by the *environmental professional* and constituting part of a "Phase 1 Environmental Site Assessment," as required by this practice

State "CERCLIS" List (SCL)—(see SPL/State Priority List, below)

Site reconnaissance—that part that is contained in Section 9 of this practice and addresses what should be done in connection with the *site visit*. The *site reconnaissance* includes, but is not limited to, the site visit done in connection with such a *Phase I Environmental Site Assessment*.

site visit—the visit to the *property* during which observations are made constituting the *site reconnaissance* section of this practice.

solid waste disposal site—a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term *landfill* and is also known as a garbage dump, trash dump, or similar term.

Solid Waste Facility List (SWF)—A Vista Information Solutions, Inc. database of solid waste facilities listed by state.

Solid Waste Facility/Landfill (SWLF)—The IEPA maintains a database of sites located within Illinois. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.

used in a number of manufacturing/industrial processes including but not limited to the manufacture of paints and coatings for industrial and household purposes, equipment clean-up, and surface degreasing in metal fabricating industries.

Spill Prevention, Control and Countermeasures (SPCC)—SPCC plans are required under federal law (Clean

Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.

State Hazardous Waste Sites (SHWS)—The IEPA maintains a database of state equivalent CERCLIS facilities in the State of Illinois. This may or may not already be on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties.

State Priority List (SPL)—State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as State "CERCLIS" List.

standard environmental record sources—those records specified in 8.2.1.

standard historical sources—those sources of information about the history of uses of *property* specified in 8.3.4.

standard physical setting source—a current USGS 7.5 Minute Topographic Map (if any) showing the area on which the *property* is located. See 8.2.3.

standard practice—the activities set forth in this practice.

standard sources—sources of environmental, physical setting, or historical records specified in Section 8 of this practice.

state registered USTs—state lists of *underground storage tanks* required to be registered under Subtitle I, Section 9002 of RCRA.

sump—a pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

TSD facility—treatment, storage, or disposal facility (see RCRA TSD facilities).

Toxic Release Inventory (TRI)—Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.

Toxic Substances Control Act (TSCA)—A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.

underground injection—the emplacement or discharge of fluids into the subsurface by means of a well, improved sinkhole, *sewage* drain hole, subsurface fluid distribution system or other system, or groundwater point source.

underground storage tank (UST)—any tank, including underground piping connected to the tank, that is or has been used to contain *hazardous* substances or *petroleum products* and the volume of which is 10 % or more beneath the surface of the ground.

user—the party seeking to use Practice E 1527 to complete an environmental *site assessment* of the *property*. A user may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an *owner of property*, a lender, or a *property* manager. The user has specific obligations for completing a successful application of this practice as outlined in Section 6.

USGS 7.5 Minute Topographic Map—the map (if any) available from or produced by the United States Geological Survey, entitled "USGS 7.5 Minute Topographic Map," and showing the *property*.

visually and/or physically observed—during a *site visit* pursuant to this practice, this term means observations made by vision while walking through a *property* and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term "walking through" is not meant to imply that disabled persons who cannot physically walk may not conduct a site visit; they may do so by the means at their disposal for moving through the *property* and the structures located on it.

wastewater—water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has conveyed sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. *Wastewater* does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

Wetlands—Areas that are typically saturated with surface or groundwater that create an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present. The federal Clean Water Act which regulates "waters of the US," also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U.S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.

zoning/land use records—those records of the local government in which the *property* is located indicating the uses permitted by the local government in particular zones

within its jurisdiction. The records may consist of maps and/or written records. They are often located in the planning department of a municipality or county. See 8.3.4.8.

Acronyms:

AULs—Activity and Use Limitations.

AHERA—Asbestos Hazard Emergency Response Act

BGS—Below Ground Surface

CERCLA—Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended, 42 U.S.C. §§9601 *et seq.*).

CERCLIS—Comprehensive Environmental Response, Compensation and Liability Information System (maintained by EPA).

CFR—Code of Federal Regulations.

CORRACTS—facilities subject to Corrective Action under RCRA.

DOT—U.S. Department of Transportation

EPA—United States Environmental Protection Agency.

EPCRA—Emergency Planning and Community Right to Know Act ((also known as SARA Title E0, 42 U.S.C. §§11001-11050 *et seq.*).

ERNS—emergency response notification system. 3.3.9
ESA—Environmental Site Assessment (different than an environmental *compliance audit*, 3.2.27).

FOIA—U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.). 3.3.11 **FR**—Federal Register.

ICs—Institutional Controls.

LLP—Landowner Liability Protections under the *Brownfields Amendments*

LUST—Leaking Underground Storage Tank.

MSDS—Material Safety Data Sheet.

NCP—National Contingency Plan.

NFRAP—former CERCLIS sites where no further remedial action is planned under CERCLA.

NPDES—National Pollutant Discharge Elimination System.

NPL—National Priorities List.

OSHA—Occupational Safety and Health Administration

PCBs—polychlorinated biphenyls.

PRP—Potentially Responsible Party (pursuant to CERCLA 42 U.S.C. §9607(a)).

RCRA—Resource Conservation and Recovery Act (as amended, 42 U.S.C. §§6901 *et seq.*).

SARA—Superfund Amendments and Reauthorization Act of 1986 (amendment to CERCLA).

TPH—Total Petroleum Hydrocarbons

TSDF—hazardous waste treatment, storage or disposal facility.

USACE—United States Army Corps of Engineers

USC—United States Code.

USGS—United States Geological Survey.

USNRCS—United States Department of Agriculture-Natural Resource Conservation Service

UST—Underground Storage Tank.

VCP—Voluntary Cleanup Program

VOC—Volatile Organic Compound

Significance and Use

Uses—This practice is intended for use on a voluntary basis by parties who wish to assess the environmental condition of *commercial real estate* taking into account commonly known and *reasonably ascertainable* information. While use of this practice is intended to constitute *all appropriate inquiry* for purposes of the *LLPs*, it is not intended that its use be limited to that purpose. This practice is intended primarily as an approach to conducting an inquiry designed to identify *recognized environmental conditions* in connection with a *property*. No implication is intended that a person must use this practice in order to be deemed to have conducted inquiry in a commercially prudent or reasonable manner in any particular transaction. Nevertheless, this practice is intended to reflect a commercially prudent and reasonable inquiry. (See Section 1.6.)